



EFMC

# YEARBOOK 2016

Medicinal Chemistry in Europe

---

**EFMC-ISMC 2016**

*Manchester, United Kingdom  
September 28 – August 1, 2016*

---

**EFMC-ASMC'15**

*Frontiers in Medicinal Chemistry  
Special reports*

---



# EFMC

## International Symposium on Medicinal Chemistry

Manchester, UK. Aug. 28 – Sept. 1, 2016



### SESSIONS AND SESSION COORDINATORS

**RECENT PROGRESS IN THE TREATMENT  
OF OPHTHALMOLOGICAL DISEASES**  
Yves Auberson (Novartis, CH)

**MODULATION OF PROTEIN - PROTEIN INTERACTIONS -  
NOVEL OPPORTUNITIES FOR DRUG DISCOVERY**  
Christian Ottmann (TU Eindhoven, NL)

**RECENT ADVANCES ON APPROACHES TO TREAT PAIN**  
Alan Brown (Pfizer Neusentis, UK)

**NEW HORIZONS IN GPCR-TARGETED  
MEDICINAL CHEMISTRY**  
Christa Möller (University of Bonn, DE)

**DRUG DISCOVERY APPROACHES TOWARD TARGETING RAS**  
Joachim Rudolph (Genentech, US)

**INNOVATION IN KINASE DRUG DISCOVERY**  
Christel Menet (Galapagos, BE)

**NEW ANTIBACTERIALS. AN UPDATE**  
Malcolm Page (Basilea Pharmaceutica International, CH)

**HIGH THROUGHPUT SCREENING STRATEGIES  
TO OBTAIN HIGH QUALITY LEADS**  
Jonathan Bael (Monash University, AU)

**CURRENT ADVANCES AND FUTURE OPPORTUNITIES FOR  
THE TREATMENT OF NEURODEGENERATIVE DISORDERS**  
Theodora Calogeropoulou  
(National Hellenic Research Foundation, GR)

**MOLECULAR TISSUE TARGETING**  
Malin Lemurell (AstraZeneca, SE)

**HOT TOPICS IN CARDIOVASCULAR DISEASES RESEARCH**  
Susanne Roehrig (Bayer HealthCare, DE)

**COVALENT DRUGS REVISITED**  
Zhengying Pan (Peking University, CN)

**MAKING SMALL MOLECULE SYNTHESIS SIMPLER,  
GENERAL, AND AUTOMATIC**  
Martin Burke (University of Illinois, US)

**BIG DATA IN MEDICINAL CHEMISTRY**  
Andrew Hopkins (University of Dundee, UK)

**NOVEL APPROACHES TO THE TREATMENT OF CANCER**  
Jonathan Bennett (Merck, US)

**NOVEL MOLECULAR PROBES FOR IN VIVO CHEMISTRY**  
Marc Robillard (Tagworks Pharmaceuticals, NL)

**SYNTHESIS DRIVEN INNOVATION**  
Jesus Ezquerro (Lilly, ES)

**SHOWCASE BRAZIL**  
Andrei Leitao (University of Sao Paulo, BR)

**TARGETED NANO DRUG DELIVERY FROM  
BENCH TO BEDSIDE**  
Costas Demetrios (University of Athens, GR)  
& Guerit Borchard (University of Geneva, CH)

**INTRAMOLECULAR HYDROGEN BONDING AND  
ITS IMPACT IN DRUG DESIGN AND DISCOVERY**  
Amjad Ali & Tanweer Khan (Merck Research Laboratories, US)

**PEPTIDES: PUSHING PERMEABILITY AND  
BIOAVAILABILITY BEYOND THE RULE OF 5**  
Claudio Mapelli & Peter Cheng (Bristol-Myers Squibb, US)

**THE IMPORTANCE OF SOLUTE CARRIER TRANSPORTERS  
IN DRUG DISCOVERY**  
David Hepworth (Pfizer, UK)

**FIRST TIME DISCLOSURES**

**EMERGING TOPICS**

**LATE BREAKING NEWS**

### CONFIRMED PLENARY LECTURES

**Phil BARAN**  
(Scripps Research Institute, US)  
**Sir Simon CAMPBELL**  
(UK)  
**Derek LOWE**  
(Vertex Pharmaceuticals, US)  
**Dario NERI**  
(ETH Zürich, CH)  
**Tobias RITTER**  
(Max-Planck Institut für Kohlenforschung, DE)  
**Anthony WOOD**  
(Pfizer, US)

### EFMC AWARD LECTURES

- The Nauta Award for Pharmacochimistry
- The UCB-Ehrlich Award for Excellence in Medicinal Chemistry
- The Prous Institute-Overton and Meyer Award for New Technologies in Drug Discovery

### EFMC PRIZE LECTURES

- Prize for a Young Medicinal Chemist in Industry
- Prize for a Young Medicinal Chemist in Academia

### OTHER PRIZE LECTURES

- IUPAC-Richter Prize in Medicinal Chemistry

### INTERNATIONAL ORGANISING COMMITTEE

**Symposium Chairman**  
**Phil JONES**  
(University of Dundee, UK)

**Members**  
**Marko ANDERLUH**  
(University of Ljubljana, SI)  
**Koen AUGUSTYNS**  
(University of Antwerp, BE)  
**Karin BRINER**  
(Novartis, US)  
**Rebecca DEPPEZ-POULAIN**  
(University of Lille, FR)  
**Pilar GOYA**  
(Instituto de Química Médica, ES)  
**Anette GRAVEN SAMS**  
(H. Lundbeck, DK)  
**Rui MOREIRA**  
(University of Lisbon, PT)  
**Matt TOZER**  
(Consultant, UK)  
**Franz VON NUSSBAUM**  
(Bayer Pharma, DE)

### SYMPOSIUM SECRETARIAT

**LD ORGANISATION SPRL**  
**Scientific Conference Producers**  
Rue Michel de Ghelderode 33/2  
1348 Louvain-la-Neuve, Belgium  
Tel: +32 10 45 47 77 Fax: +32 10 45 97 19  
Mail: [secretariat@efmc-ismc.org](mailto:secretariat@efmc-ismc.org)  
Web: [www.efmc-ismc.org](http://www.efmc-ismc.org)



**EFMC**  
European Federation  
for Medicinal Chemistry



**INTERNATIONAL SOCIETY  
FOR BIOLOGICAL AND  
MEDICINAL CHEMISTRY  
SECTOR**

Dear colleagues,

To represent you as the President of the European Federation for Medicinal Chemistry (EFMC) from 2015 to 2017 is a special honour for me and makes me feel privileged. During the first year of my presidency I highly appreciated the enthusiasm of many collaborators who positively contributed to medicinal chemistry in Europe and worldwide and whose efforts turn EFMC into a success story. I was always able to count on the support of the Executive Committee members and especially the help of Briec Matagne from the EFMC administrative secretariat and the other members of the team of Ly Differding was crucial.

I would also like to take the opportunity to welcome Rui Moreira as new member of the EFMC Executive Committee. I am very much looking forward to working with Rui and the other EC Members in this upcoming year: Uli Stilz (Past President), Jordi Gracia (Secretary), Pascal George (Treasurer), Yves Auberson & Antonello Mai (EC members) and Henk Timmerman (EFMC Advisor).

Let me also thank Phil Jones, leaving EC Member, for his engagement and support to the Executive Committee over the last years. Your contributions were always highly appreciated and I wish you all the best with the organisation of EFMC-ISMC 2016 and for your future career.

I would also like to thank Antoni Torrens, Girolamo Cirrincione, Jürgen Mack and Anna Tsantili-Kakoulidou for their contribution to the Council, and welcome Pilar Goya Laza, Matilde Marques, Gabriele Costantino, Emmanuel Mikros, Peter Molenveld and Franz von Nussbaum as new Council Members.

I have now the pleasure to provide you, through this editorial, with an overview of important events in 2015 and planned activities of our Federation in 2016.

The main EFMC events in 2015 were the Frontiers in Medicinal Chemistry Symposium (FMC 2015), which took place in Antwerp on September 14-16, 2015 and the 6th EFMC International Symposium on Advances in Synthetic and Medicinal Chemistry (EFMC-ASMC'15), which took place in Rehovot (Israel) on November 15-18, 2015.

Organised jointly by EFMC, ACS MEDI Division and the local Dutch and Belgian organisers: the Medicinal and Bioorganic Chemistry Division of the Royal Flemish Chemical Society (KVCV, Belgium), the Société Royale de Chimie (SRC, Belgium), and the Section Medicinal Chemistry of the Royal Netherlands Chemical Society (KNCV, The Netherlands), Frontiers in Medicinal Chemistry 2015 brought together more than 400 scientists coming from 44 different nations who exchanged ideas, discussed hot topics and enlarged their networks. This biennial meeting is a key symposium in its field and attracts a highly targeted audience composed of experts in drug discovery and development, in particular medicinal and synthetic chemists, together with scientists active in the fields of computer assisted drug design, biology, DMPK, pharmacology, early toxicology, as well as chemical and pharmaceutical development. I would like to thank our American, Dutch and Belgian colleagues for their contribution, and look forward to the next edition of the Frontiers meeting which will be organised by our US-colleagues in New Jersey in 2017.

EFMC organised this year again the EFMC Young Medicinal Chemist Symposium (EFMC-YMCS) on Thursday, September 17 as a satellite event of the Frontiers in Medicinal Chemistry 2015. The symposium consolidated its aim to create a network of young European investigators in Medicinal Chemistry, to stimulate young European investigators in Medicinal Chemistry to share their scientific work with peers and inspiring leaders in the field, and to create competition and excellence in Medicinal Chemistry within Europe by selecting the European Champion in Medicinal Chemistry. EFMC is, this year again, very grateful to Chris de Graaf and his team, for having put together an interesting programme which attracted more than 100 participants.

In November the 6th EFMC International Symposium on Advances in Synthetic and Medicinal Chemistry (EFMC-ASMC'15) was organised in combination with the 13<sup>th</sup> Annual Meeting of the Medicinal Chemistry Section of the Israel Chemical Society and with the support of ChemBridge Corporation.

More than 200 scientists gathered to listen to the high quality programme assembled by the symposium co-chairmen, Uli Stilz (Novo Nordisk, Denmark) and Ilan Marek (Technion, Israel). The programme consisted of a mix of Organic and Medicinal Chemistry, with speakers from both industry and academia coming from around the world with a special focus on Israel. It brought together the most recent advances in new synthetic methodologies, total synthesis, organometallic chemistry and medicinal chemistry. With the aim to support training and networking within the medicinal chemistry community, EFMC also continued to organise the EFMC Short Courses. In April 2015, Luc Brunsveld and Christian Ottmann (TU Eindhoven, The Netherlands) organised

a course on "Small-Molecule Modulation of Protein-Protein Interactions (PPIs)". I am grateful to Luc, Christian and Henk for helping EFMC in fulfilling the important mandate to support the education and training of today's medicinal chemists, and would like to thank them for their efforts. In 2016, EFMC will continue its tradition of organising Short Courses. The Course on "Modulation of Enzymes; Epigenetics and Beyond" is scheduled for April 24-27, 2016 and will be organised by Gerhard Müller and Anita Wegert (Mercachem, The Netherlands). Detailed information can be found on the website [www.efmcshortcourses.org](http://www.efmcshortcourses.org)

A mission that is becoming increasingly important for EFMC is the promotion of the visibility of medicinal chemistry. Our working group chaired by Fabrizio Giordanetto organised a successful press conference at the Frontiers meeting in Antwerp that attracted the attention of the national press. They also launched a videoclip competition "Why Medicinal Chemistry?" to explain the importance of our scientific discipline to the general public in just 1 minute. I was positively surprised by the creative contributions of many, mainly young scientists. Their videos can still be found on the EFMC website and on YouTube. I would like to take this opportunity to congratulate once more the winners Pedro Gonçalves and Luis Carvalho from the University of Lisbon.

For 2016, the main event will be the XXIV EFMC International Symposium on Medicinal Chemistry (EFMC-ISMC), organised in collaboration with the Biological and Medicinal Chemistry Sector (BMCS) of the Royal Society of Chemistry and scheduled for August 28 – September 1, 2016 in Manchester, UK. The 2016 edition will continue the tradition established by these biennial symposia of covering drug discovery advances in major therapeutic areas, including

the treatment of pain, CNS disorders, anti-infectives, ophthalmology, cardiovascular diseases and oncology. EFMC-ISMIC 2016 will present the most recent advances in lead identification and optimization strategies, drug design and profiling technologies. The impact of biomarkers and imaging at the interfaces between chemistry, biology and experimental medicine will be illustrated. Particular emphasis will be put on first time disclosures, recent highlights in medicinal chemistry, and the impact of novel organic synthesis in drug discovery. Registration is already open and I would like to encourage you to sign up for this most important medicinal chemistry event of 2016!

The European Federation for Medicinal Chemistry also rewards scientific excellence. The prestigious EFMC Awards, conferred every two years on occasion of the EFMC International Symposium on Medicinal Chemistry recognize outstanding research and achievements in Medicinal Chemistry. Additionally, EFMC established the EFMC Prizes to acknowledge the scientific accomplishments of young medicinal chemists, both in industry and academia. These prizes are given annually and are restricted to scientists who completed their PhD twelve or less years ago. The calls for the 2016 Awards and Prizes are open, and I would like to persuade you to submit nominations before the deadline of January 31. Over the coming year we will continue to provide you with updates on EFMC activities through our monthly newsflash MedChemWatch, via the EFMC LinkedIn group, via Twitter and on our website [www.efmc.info](http://www.efmc.info), which offers also a meeting calendar and a job portal. Furthermore, MedChemComm, the EFMC journal published in collaboration with RSC, is released monthly and I would like to stimulate all of you to submit your high quality papers.

Let me close by wishing you all the best for a splendid 2016, both in your professional and personal life.

With my very best personal regards,

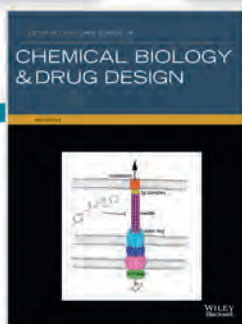
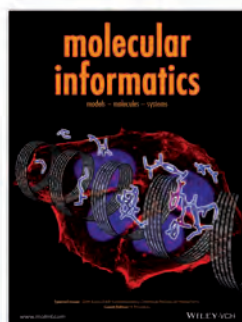
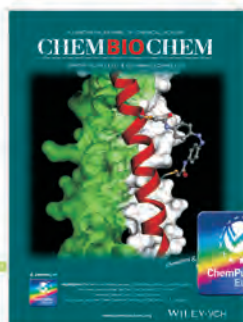
Koen Augustyns

EFMC President



Chemistry that delivers...  
Continuous product innovation

Create  
Innovate  
Inspire



Constant product innovation includes **new products and solutions** to drive better learning and speed up your research.

WILEY-VCH

WILEY

**EFMC Presentation**

Editorial	1
Table of Contents	5
Sponsors	6
Corporate Members	6
Executive Committee	7
Council	8
Advisory Board	9
EFMC Framework	10
MedChemWatch	12
EFMC Objectives	13
Report Frontiers	15
Report EFMC-ASMC'15	17
EFMC Awards	20
EFMC Prizes	22
Calendar of Events	25
EFMC Short Courses	33

**National Adhering Organisations**

Austria	37
Belgium	38
Croatia	40
Denmark	41
Finland	42
France	43
Germany	44
Greece	46
Hungary	47
Israel	48
Italy	49
Latvia	50
The Netherlands	51
Poland	52
Portugal	53
Russia	54
Serbia	55
Slovenia	56
Spain	57
Sweden	58
Switzerland	59
Turkey	60
United Kingdom	61

**Directory of Companies**

Directory of companies	63
------------------------	----

Medicinal Chemistry in Europe, the Yearbook of the European Federation for Medicinal Chemistry is published by:

**ID Organisation sprl**

Scientific Conference Producers  
Rue Michel de Ghelderode 33/2 - BE-1348 Louvain-la-Neuve, Belgium  
Tel: +32 10 45 47 77 - Fax: +32 10 45 97 19  
administration@efmc.info

Reproduction: All items published in this directory are protected by copyright. Reproduction by reprint, photocopy, microfilm or any other process is not allowed without the prior written permission of the publisher.

**[www.efmc.info](http://www.efmc.info)**

# Sponsors

6

## Premium Sponsor



CHEMBRIDGE

Premium Sponsors are CROs, Service Providers, Publishers that directly sponsor EFMC activities through major financial contributions. Their contribution helps the EFMC towards its main objective of developing a strong Medicinal Chemistry community in Europe that is well-equipped for the challenges of the future and enables the discovery of innovative new medicines for patients.

## Corporate Members

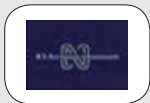
**EFMC** offers any company involved in life sciences the opportunity to become an official corporate member. Corporate membership will help EFMC with its objective of advancing the science of medicinal chemistry and can be achieved in several ways:

- By sponsoring an EFMC International Symposium with a minimum of €10 000
- By sponsoring an official EFMC Award
- By paying an annual fee of €2 000 to EFMC

Companies interested in becoming a corporate member should contact the Administrative Secretariat at [administration@efmc.info](mailto:administration@efmc.info)



BAYER



NAUTA  
FOUNDATION



ROCHE



BOEHRINGER  
INGELHEIM



NOVARTIS



SERVIER



JANSSEN R&D



PFIZER



UCB



MERCK



PROUS INSTITUTE



The Executive Committee (EC) consists of seven members: the President, the President Elect or the Past President, the Secretary, the Treasurer and three additional members. All members of the EC, except the President and the Past President, are elected by secret ballot by the Council during a meeting of the Council. After a term of one year, the President Elect will automatically become President. The members of the EC are not delegates of their respective countries. All details about the election process can be found in the statutes of the EFMC on the EFMC official website: [www.efmc.info](http://www.efmc.info)

**President****Prof. Dr Koen AUGUSTYNS**

University of Antwerp  
Medicinal Chemistry  
Campus Drie Eiken - Building A, Room 2.07  
Universiteitsplein 1 - 2610 Antwerpen Belgium  
Tel: +32-3-265-27-17 - Fax: +32-3-265-27-39  
Email: [Koen.Augustyns@uantwerpen.be](mailto:Koen.Augustyns@uantwerpen.be)

**Past President****Prof. Dr Hans Ulrich STILZ**

Novo Nordisk A/S  
Novo Nordisk Park, Building G2P.S002  
2760 Måløv, Denmark  
Tel: + 45 3079 1118  
Email: [haus@novonordisk.com](mailto:haus@novonordisk.com)

**Secretary****Dr Jordi GRÀCIA**

Almirall  
R+D Centre  
Laureà Miró 408-410 - 08980 Sant Feliu de Llobregat - Barcelona Spain  
Tel: +34-606-85-21-78 Fax: +34-93-291-34-20  
Email: [jordi.gracia@almirall.com](mailto:jordi.gracia@almirall.com)

**Treasurer****Dr Pascal GEORGE**

Independent Scientific Expert & Adviser  
11, Route de Rochefort 78730 Longvilliers France  
Tel: +33 673683384  
Email: [george.pascal@wanadoo.fr](mailto:george.pascal@wanadoo.fr)

**Member****Dr Yves P AUBERSON**

Novartis Institutes for BioMedical Research  
Global Discovery Chemistry - WVKL-136.6.82, Klybeckstrasse 141  
4057 Basel, Switzerland  
Tel: + 41 61 696 8404  
Email: [yves.auberson@novartis.com](mailto:yves.auberson@novartis.com)

**Member****Prof. Dr Antonello MAI**

Sapienza University of Rome  
Department of Drug Chemistry and Technologies  
P.le Aldo Moro 5, 00185 Rome, Italy  
Tel: +39 064991 3392. Fax: +39 064969 3268  
Email: [antonello.mai@uniroma1.it](mailto:antonello.mai@uniroma1.it)

**Member****Prof. Dr Rui MOREIRA**

University of Lisbon - Faculty of Pharmacy  
Av. Prof. Gama Pinto - 1649-019 Lisbon Portugal  
Tel: +351-217946477 - Fax: +351-217946470  
Email: [rmoreira@ff.ul.pt](mailto:rmoreira@ff.ul.pt)

**Activities**

The current affairs of the Federation are handled by the EC. Among its members, the EC will assign the responsibilities of International Liaison, Communication and Planning.

The Council consists of the members of the EC and one delegate of each Adhering Organisation. According to the statutes, the voting rights are allotted according to the following rules: members of the EC: 1 vote, countries with up to 99 members: 2 votes, countries with 100-199 members: 3 votes, countries with 200-399 members: 4 votes, countries with 400-599 members: 5 votes, countries with 600-899 members: 6 votes, countries with more than 899 members: 7 votes. As for countries with more than one Adhering Organisation, votes will be proportionally distributed among them, taking into a resulting number will be rounded off to the closest digit.

**Dr David ALKER**

David Alker Associates - The Biological and Medicinal Chemistry Sector (BMCS) of the Royal Society of Chemistry (RSC), United Kingdom

**Dr Yves AUBERSON**

Novartis Institutes for BioMedical Research, Switzerland – EFMC Executive Committee

**Prof. Dr Koen AUGUSTYNS**

University of Antwerp, Belgium - EFMC Executive Committee

**Prof. Dr Sergey BACHURIN**

Institute of Physiologically Active Compounds - The D.I. Mendeleev Russian Chemical Society, Medicinal Chemistry Section, Russia

**Prof. Dr Bernd CLEMENT**

Kiel University - German Pharmaceutical Society, Section of Pharmaceutical/Medicinal Chemistry (DPHG), Germany

**Prof. Gabriele COSTANTINO**

Università degli Studi di Parma, Division of Medicinal Chemistry of the Italian Chemical Society, Italy

**Prof. Dr Gunars DUBURS**

Latvian Institute of Organic Synthesis - Latvian Association for Medicinal Chemistry, Latvia

**Dr Vesna GABELICA MARKOVIC**

Galapagos - Croatian Chemical Society, Medicinal Chemistry Section, Croatia

**Prof. Pilar GOYA LAZA**

Instituto de Química Médica - Sociedad Española de Química Terapéutica, Spain

**Prof. Dr Miroslav J. GASIC**

Serbian Academy of Sciences and Arts - Serbian Chemical Society, Division of Medicinal Chemistry, Serbia

**Dr Pascal GEORGE**

Independent Scientific Expert & Adviser, France – EFMC Executive Committee

**Dr Jordi GRÀCIA**

Almirall, Spain - EFMC Executive Committee

**Dr Georg JAESCHKE**

F. Hoffmann-La Roche - Division for Medicinal Chemistry & Chemical Biology (DMCCB), Switzerland

**Prof. Dr Anders KARLÉN**

Uppsala University - Swedish Academy of Pharmaceutical Sciences, Sweden

**Prof. Dr Katarzyna KIEC-KONONOWICZ**

Jagiellonian University - Polish Society of Medicinal Chemistry, Poland

**Prof. Dr Danijel KIKELJ**

University of Ljubljana - Section for Medicinal Chemistry of the Slovenian Pharmaceutical Society, Slovenia

**Prof. Dr Thierry LANGER**

University of Vienna – Austrian Chemical Society, Medicinal Chemistry, Austria

**Prof. Dr Antonello MAI**

Sapienza University of Rome, Italy – EFMC Executive Committee

**Dr Matilde MARQUES**

University of Lisbon - Group of Medicinal Chemistry of the Portuguese Chemical Society, Portugal

**Prof. Dr Emmanuel MIKROS**

Hellenic Society Of Medicinal Chemistry, Greece

**Dr Peter MOLENVELD**

Mercachem - Section Medicinal Chemistry, Royal Netherlands Chemical Society (KNCV), The Netherlands

**Prof. Dr Rui MOREIRA**

University of Lisbon - EFMC Executive Committee

**Dr Raphael NUDELMAN**

Teva Pharmaceutical Industries - Medicinal Chemistry Section of the Israel Chemical Society, Israel

**Prof. Dr Erhan PALASKA**

Hacettepe University – Turkish Association of Medicinal and Pharmaceutical Chemistry, Turkey

**Dr Laurent PROVINS**

UCB, Société Royale de Chimie (SRC), Medicinal Chemistry Division, Belgium

**Prof. Dr Jarkko RAUTIO**

University of Eastern Finland, Finnish Pharmaceutical Society, Finland

**Prof. Dr Janos SAPI**

University of Reims-Champagne-Ardenne – French Medicinal Chemical Society, France

**Prof. Dr Hans Ulrich STILZ**

Novo Nordisk, Denmark – EFMC Executive Committee

**Prof. Dr Trond ULVEN**

University of Southern Denmark - The Danish Society of Pharmacology, Toxicology and Medicinal Chemistry, Denmark

**Prof. Dr Serge VAN CALENBERGH**

Ghent University - Medicinal and Bioorganic Chemistry Division of Royal Flemish Chemical Society (KVCV), Belgium

**Dr Franz VON NUSSBAUM**

Bayer Pharma AG - Division of Medicinal Chemistry of the German Chemical Society (GDCh), Germany

**Prof. Dr János WÖLFING**

University of Szeged - Organic and Medicinal Chemistry Division (OMCD) of the Hungarian Chemical Society (HCS), Hungary

**Current Committee Membership:**

- |                             |  |
|-----------------------------|--|
| • Uli STILZ – AB Chair      | Novo Nordisk, Denmark                                    |
| • Annette G. BECK-SICKINGER | Leipzig University, Germany                              |
| • Stuart CONWAY             | University of Oxford, United Kingdom                     |
| • Frank LEEMHUIS            | Mercachem, The Netherlands                               |
| • Klaus MÜLLER              | Laboratory of Organic Chemistry, ETH Zürich, Switzerland |
| • Roberto PELLICCIARI       | University of Perugia, Italy                             |
| • Ulrich SCHUBERT           | Vienna University of Technology, Austria                 |

The Advisory Board is an EFMC consulting body for the executive committee assisting in assessing the Federation's strategic goals. The tasks of the AB consist of:

- advising on EFMC policy related matters internally and externally
- proposing novel scientific or political initiatives to the Executive Committee
- proposing strategies how to increase awareness of Medicinal Chemistry and support of the community in Europe
- proposing strategies how to affect and interact with stakeholders in Europe

The AB is composed of eminent scientists in the life sciences and medicinal chemistry and is chaired by the past president.



In February 2013, EFMC organised a workshop bringing together EFMC's key stakeholders including the Council, the various committee members and the next generation of leaders, to engage in a dialogue about strategic initiatives EFMC needs to push to best serve the medicinal chemistry community in Europe and across the world.

The stimulating discussions were very fruitful. Ideas came up, proposals were collected and working groups have been established, translating creativity and lateral-thinking into concreteness.

As a result we established 8 working groups who were asked to come up with concrete proposals for implementation. The topics/working groups selected were:

- EU Policy
- Visibility of EFMC/Medicinal Chemistry
- Social media
- Interaction within the community
- Young Scientist Meeting
- Emerging markets
- Links to other disciplines
- Stakeholder map

Working group progress has been reviewed in the meantime and overall the project teams made great progress. Already some of their proposals have been turned into concrete activities, some working groups are at the stage of prioritizing proposals for follow-up, and others have completed the activities and were closed.

Below we provide you with an update on the progress made in 2015-2016:

### 1 Strategic themes

#### Influence on European science policy

##### *Current membership:*

- Anders Karlén (chair), Uppsala University, Sweden
- Uli Stiltz (EC sponsor), Novo Nordisk, Denmark
- Rob Leurs (previous chair), VU University Amsterdam, The Netherlands
- Christophe Genicot, UCB Biopharma, Belgium
- Danijel Kikelj, University of Ljubljana, Slovenia
- Phil Jones, European Screening Centre Newhouse, University of Dundee, UK

EFMC would like to get more involved in political activities on a EU level, and is exploring collaboration with EuCheMS on this. In 2015, the working group

further discussed with EuCheMS a project to organise a joint STOA workshop in 2016.

#### Visibility and recognition of medicinal chemistry

##### *Current membership:*

- Fabrizio Giordanetto (chair), Taros, Germany
- Gabriele Costantino (EC sponsor), University of Parma, Italy
- Laure Bouchez, Novartis, Switzerland
- Bernd Clement, Kiel University, Germany
- Vesna Gabelica Markovic, Galapagos, Croatia
- David Rees, Astex Pharmaceuticals, UK
- Henk Timmerman, VU University Amsterdam, The Netherlands
- Anna Tsantili, University of Athens, Greece
- Andrew Thomas, F. Hoffmann-La Roche, Switzerland

In its effort to constantly foster the visibility and recognition of Medicinal Chemistry, EFMC launched the "Why Medicinal Chemistry?" competition that invited medicinal chemists to make an original video highlighting what medicinal chemists do and why it is important. Medicinal Chemists from any level (eg. students to expert professionals) and affiliation (eg. academia and industry), as individuals or as groups of up to 4 medicinal chemists, were asked to produce an original 1 minute video demonstrating the importance of Medicinal Chemistry to society. Out of the 10 submissions, the committee pre-selected 6 videos which were submitted to the public voting and the winner and 2 runners-up were acknowledged during the Frontiers Meeting in Medicinal Chemistry. Their videos are still available on the EFMC website and on YouTube.

Following a first positive experience at the EFMC-ISM 2014 in Lisbon, the EFMC hosted a second press conference at the Frontiers Meeting in Antwerp where national newspapers, scientific press and TV were invited and where 5 keynote speakers gave their view on the importance of the discipline.

In 2016, the working group will continue emphasizing on targeting the broader public.

### 2 Exploratory themes

#### Emerging markets

##### *Current membership:*

- Edmond Differding (chair), Differding Consulting, Belgium
- Henk Timmerman (EC sponsor), VU University Amsterdam, the Netherlands

- Pascal George, Independent Scientific & Adviser, France
- Katarzyna Kiec-Kononowicz, Jagiellonian University, Poland
- Christa Müller, University of Bonn, Germany
- Rui Moreira, University of Lisbon, Portugal
- Antoni Torrens, Esteve, Spain

The working group has finalised its selection of target associations and key contact people. Positive feedback has been received from medchem associations in China, India, Brazil and South Africa. EFMC signed memoranda of understanding with these associations in order to jointly promote the science of medicinal chemistry. Since the mission of this working group was successfully completed, it was decided to stop this working group. We would certainly like to thank all members for their active contributions.

#### Biotech, SME, pharma landscape and how to interact with that landscape

##### *Current membership:*

- Thomas Fessard (chair), Spirochem, Switzerland
- Pascal George (EC sponsor), Independent Scientific & Adviser, France
- Other members to be defined

After a thorough investigation of the landscape, the EFMC council decided that this group should concentrate on an investigation of the training needs of scientists working in Biotech, SME's and CRO's.

### **3 Operational activities**

#### Social media working group

##### *Current membership:*

- Stuart Conway, University of Oxford, UK
- Koen Augustyns (EC member), University of Antwerp, Belgium

EFMC is now active on LinkedIn and Twitter (@EuroMedChem), and for the EFMC-ISMC Symposium the hash tag #EFMC-ISMC has been created.

#### Communication team

##### *Current membership:*

- Gabriele Costantino, University of Parma, Italy
- Rasmus Clausen, University of Copenhagen, Denmark
- Briec Matagne, EFMC, Belgium

EFMC has several communication tools which are running properly: the EFMC website, mass mailings to the database to promote EFMC organised and sponsored events, the electronic newsletter MedChemWatch, and the annual Yearbook. The biggest challenge of 2015 was to successfully change the format of MedChemWatch into a monthly newflash, sent by email to the EFMC database. In 2016, EFMC will consolidate all its communication tools and further develop MedChemWatch.

#### Short Courses team

##### *Current membership:*

- Peter Mohr, F. Hoffmann-La Roche, Switzerland
- Henk Timmerman, VU University, The Netherlands
- Serge Van Calenbergh, Ghent University, Belgium

The team has selected topics for future editions of the EFMC Short Courses, and contacted potential course organisers. Info on the upcoming Short Courses can be found on the website [www.efmcshortcourses.org](http://www.efmcshortcourses.org)

#### Symposia

EFMC International Symposium on Medicinal Chemistry (EFMC-ISMC), EFMC Young Medicinal Chemist Symposium (EFMC-YMCS), EFMC International Symposium on Advances in Synthetic and Medicinal Chemistry (EFMC-ASMC) and the Frontiers Symposium.

Each meeting will continue to be managed by dedicated organising committees. The President, Secretary and Secretariat oversee and coordinate the overall meeting planning.

#### EFMC Sessions at symposia of related societies

##### *Current Membership:*

- Christian Ottmann (chair), Eindhoven University of Technology, The Netherlands
- Koen Augustyns (EC sponsor), University of Antwerp, Belgium
- Jordi Gràcia, Almirall, Spain
- Sarah Skerratt, Pfizer, UK
- Toni Torrens, Esteve, Spain
- Rui Moreira, University of Lisbon, Portugal
- Christa Müller, University of Bonn, Germany

This operational team will assist the Executive Committee in identifying topics and chairs for EFMC organised sessions at symposia of related societies.

### Editorial Committee

- Gabriele COSTANTINO
- Rasmus CLAUSEN
- Briec MATAGNE

University of Parma, Italy

University of Copenhagen, Denmark

EFMC, Belgium

Established in 2007 as the official newsletter of EFMC, MedChemWatch has provided EFMC members with a regular and effective update on the activity of the Committees and Working Groups, and with information on EFMC-approved schools and EFMC meetings. Since 2010, MedChemWatch has been incorporated into the printed version of MedChemComm, thus broadening the potential audience. Each issue of MedChemWatch has been enriched by Perspective articles from leading scientists and by presentation of leading European laboratories of medicinal Chemistry.

Since January 2015, MedChemWatch has continued serving our community in a different format, more tailored to the growing needs of rapid and short communication. The newsletter is delivered monthly, in a shorter format, with essential information on the activity of the EC/EFMC, news from the National Adhering Organisations, or announcements of meetings and schools.

Now more than ever the collaboration from the Member Societies and from individuals willing to contribute is essential to guarantee the widest information and mutual knowledge among possible medicinal chemists in Europe.



The **European Federation for Medicinal Chemistry (EFMC)** is an independent association founded in 1970 that represents 25 scientific organisations from 23 European countries. Its objective is to advance the science of medicinal chemistry by promoting cooperation and encouraging strong links between the national adhering organisations in order to deepen contacts and exchanges between medicinal chemists in Europe and around the World. Moreover, it offers medicinal chemists the opportunity to present their work internationally by organising the biennial EFMC International Symposium on Medicinal Chemistry (EFMC-ISMC). These symposia, with an average attendance of 1.200 delegates, are highly international with a broad range of speakers and attendees from the pharmaceutical industry and academia. Furthermore, in collaboration with the Royal Society of Chemistry, EFMC is publishing MedChemComm, the official journal of EFMC. MedChemComm is a peer reviewed journal publishing concise articles and reviews covering medicinal chemistry research.

The EFMC pursues its activities via flexible working groups, who cover strategic themes, themes for exploration, and operational tasks. An Advisory Board, composed of internationally highly recognized opinion leaders in the field of medicinal chemistry, assists in strategic planning and ensures a dynamic and vibrant advancement of EFMC.

The EFMC has very strong links with the Medicinal Chemistry Division of the American Chemical Society. Through this collaboration the ACS convenes sessions for the biennial EFMC-ISMC Symposia, and conversely the EFMC convenes sessions for ACS National meetings. In addition, the two societies regularly exchange observers at their committee meetings. Furthermore, the EFMC has an ex officio representative on the Editorial Advisory Board of the Journal of Medicinal Chemistry. EFMC also has strong links with the European Association for Chemical and Molecular

Sciences (EuCheMS) and with the European Federation for Pharmaceutical Sciences (EUFEPS). Furthermore, EFMC reaches out to the Organic Synthesis community, through its successful series of EFMC-ASMC Symposia, organised with the support of ChemBridge Corporation and the National Adhering Organisations. In addition, the EFMC also collaborates with the Asian Federation of Medicinal Chemistry by participating in meetings organised by the AFMC and vice versa, giving the EFMC a broad international footprint.

An important part of the EFMC activities is sponsorship of national scientific meetings and Medicinal Chemistry Schools. EFMC also awards travel grants for younger scientists to attend EFMC-ISMC Symposia. The EFMC also acknowledges the excellence of medicinal chemists' work, by conferring three major awards: the Nauta Award on Pharmacochimistry, the UCB-Ehrlich Award for Excellence in Medicinal Chemistry and the Prous Institute-Overton and Meyer Award for New Technologies in Drug Discovery, which are given every two years for outstanding achievements in the field of Medicinal Chemistry. From 2010 on, EFMC established two new prizes to acknowledge the scientific accomplishments of young medicinal chemists, both in industry and academia.

The EFMC homepage is now hot-wired to the websites of many national organisations, thus facilitating the flow of information. The monthly newswatches MedChemWatch as well as the yearbook "Medicinal Chemistry in Europe" help to further develop cooperation between member organisations as well as their industrial partners and therefore advance medicinal chemistry in Europe, and by extension, around the globe. EFMC is also active on social media. To stay updated on EFMC activities, join the EFMC group on LinkedIn or follow us on Twitter @EuroMedChem.



## Integrated Services across the R&D Value Chain

GVK BIO is Asia's leading Integrated Discovery Research and Development organization. Established in 2001, GVK BIO has over a decade of rich experience across the R&D and Manufacturing value chain with a focus on speed and quality. Our team of scientists, backed by well-laid processes and cutting-edge technology, enable customers to achieve breakthrough results.

### Our Services:

#### DISCOVERY

Small Molecule R&D  
-Chemistry  
-Biology  
  
Biologics (Large Molecule)  
-Antibody generation  
-Cell line development  
-Bioprocessing  
  
Integrated Programs  
  
Drug Repurposing

#### DEVELOPMENT

Process R&D  
Custom Chemical Synthesis  
Bio and Chemo Catalysis  
Carbohydrate Chemistry  
Analytical Services  
Formulation R&D Services

#### MANUFACTURING

cGMP Manufacturing  
-NCEs  
-KSMS  
-APIs  
-Intermediates  
  
Electronic & Fine Chemicals  
Process Validation & DMF Filings  
Commercial APIs and Intermediates

Over the years, we have consistently exceeded our customers' expectations in terms of quality, speed and affordability. Precisely why, our clientele who are among the global top 10 in the fields of Pharmaceutical, Agrochemical, Electronics, Biotechnology and Academics entrust us with their research challenges.

## REPORT FROM THE FRONTIERS MEETING

With more than 400 scientists coming from 44 different nations, the Frontiers in Medicinal Chemistry Symposium (FMC 2015), held at the University of Antwerp, has been a very successful meeting with a diverse and high quality programme, 35 expert speakers, 186 poster presentations, 17 exhibitors and 11 sponsors.

FMC 2015 was jointly organised by EFMC, ACS and the local Dutch and Belgian National Organisations: the Medicinal and Bioorganic Chemistry Division of the Royal Flemish Chemical Society (KVCV), the Société Royale de Chimie (SRC), and the Medicinal Chemistry Section of the Royal Netherlands Chemical Society (KNCV).

The scientific programme covered a wide range of latest advances in Medicinal Chemistry including Molecular Chaperones and their Therapeutic Potential, Unexplored Chemical Space: Experiences from the European Lead Factory and the NIH, Emerging Advances in GPCR Research, Novel Strategies for Anti-Thrombotic Therapy, Academic Drug Discovery, Non-Small

Molecules, Kinetics and Thermodynamics of Ligand Binding, Rational Design of Non-Oral Drugs and Emerging Topics.

During the symposium the results of the EFMC "Why Medicinal Chemistry" videoclip competition were also announced. The videos of the three finalists were shown live to the audience and the first prize awarded to Mr Pedro Gonçalves and Mr Luis Carvalho from the University of Lisbon, Portugal who succeeded in the challenging goal of explaining the importance of Medicinal Chemistry to the general public in just 1 minute.

In its effort to constantly foster the visibility and recognition of Medicinal Chemistry and following a first positive experience at the EFMC-ISMC 2014 in Lisbon, the EFMC also took the opportunity of the Frontiers in Medicinal Chemistry Symposium to host a second press conference where local newspapers, scientific press and TV were invited and where 5 key-note speakers gave their view on the importance of the discipline.

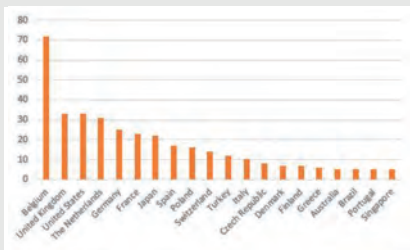


Fig. 1 : delegates per country (top 20)

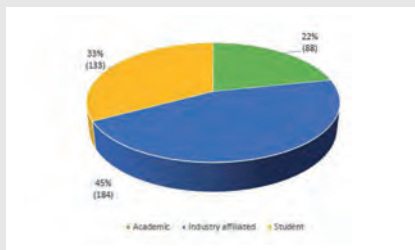


Fig. 2 : distribution of delegates according to their affiliation

A panel discussion also took place on the topic 'Is there a place for Medicinal Chemistry at universities?' The full report of the discussion was published in the September issue of MedChemWatch.

Of the more than 400 participants from 44 nations, the top twenty-five list of numbers of delegates per country is shown in figure 1 and a distribution of the delegates according to their affiliation is shown in figure 2.

## REPORT FROM THE EFMC-YMCS MEETING

Following the Frontiers in Medicinal Chemistry Symposium (FMC 2015), the second Young Medicinal Chemists Symposium took place, building on the success of the 1st edition held in Lisbon in 2014.

More than 100 participants stayed in Antwerp and enjoyed the inspiring opening lecture given by Prof. Chas Bountra (University of Oxford, United Kingdom): "We Urgently Need More Medicinal Chemists to Generate Novel Tools to Dissect Disease Biology, and New Drugs for Patients"

The rest of the programme was split between 11 oral communications by invited prize winners from National Young Medicinal Chemists meetings in Europe, 3 oral communications from submitted abstracts, 20 flash poster presentations and more than 50 poster communications.

The scientific programme was completed with an attractive social programme. A welcome reception was held at the Elzenveld, a fifteenth-century hospice. Participants were also invited to discover Antwerp: city of art, history and fashion; maritime metropolis and diamond centre of the world. The conference was concluded in style by a gala dinner in the Art Nouveau Room of the Grand Café Horta.

The next edition of Frontiers in Medicinal Chemistry will take place in 2017 in the United States.

An award ceremony was also held where three prizes were conferred to promising young scientists. Mr Xavier Gómez-Santacana (Institute for Advanced Chemistry of Catalonia – CSIC, Spain) received the EFMC-YMCS Presentation Prize sponsored by EFMC & Actelion, Ms Natalie Theodoulou (GlaxoSmithKline, United Kingdom) received the EFMC-YMCS Poster Prize sponsored by MedChemCom and finally Mr Ben Whitehurst (GlaxoSmithKline, United Kingdom) was awarded the EFMC-YMCS Public's Choice Prize sponsored by Roche.

The day ended with a networking event where the participants enjoyed a drink and further discussed the lectures.

## REPORT FROM THE EFMC-ASMC'15 MEETING

More than 200 scientists from 28 different nations attended the EFMC International Symposium on Advances in Synthetic and Medicinal Chemistry (EFMC-ASMC'15) which took place at the prestigious Weizmann Institute in Rehovot, Israel. This edition was organised in combination with the 13th annual meeting of the Medicinal Chemistry Section of the Israel Chemical Society and was jointly organised by the European Federation for Medicinal Chemistry (EFMC), Chembridge Corporation and the Medicinal Chemistry Section of the Israel Chemical Society (MCS-ICS).

The high quality programme was assembled by the symposium co-chairmen, Ilan Marek (Technion, Israel) and Uli Stilz (Novo Nordisk, Denmark). The programme consisted of a mix of Organic and Medicinal Chemistry, with speakers from both industry and academia coming from around the world with a special focus on Israel. The Symposium aimed at extending the range from 'small molecules' to 'large molecules' including carbohydrates, natural products, novel protein scaffolds and genes.

The meeting was opened on Sunday by Uli Stilz who highlighted the scientific breadth of the topics covered in the meeting with invited plenary lectures, short oral communications selected from the submitted abstracts, and a poster session of more than 100 posters.

He was followed by Koen Augustyns (University of Antwerp, Belgium), EFMC President, who stressed the Federation's objectives of promoting Medicinal Chemistry and of building bridges between disciplines and scientists worldwide, by organising scientific meetings, courses and schools, by participating in pub-

lishing a journal, MedChemComm, and by conferring EFMC Awards and Prizes.



(EFMC President K. Augustyns with EFMC Prize Winners A. Ciulli (left) and S. Andrews (right)).

Dmitry Lvovskiy (Chembridge Corporation), highlighted the history and background of EFMC-ASMC, a series of symposia which started with ASMC'04 Moscow, followed by two editions in St. Petersburg (ASMC'07, ASMC'11), one in Kiev (ASMC'09) and again Moscow (ASMC'13).

Raphael Nudelman (Teva Pharmaceuticals, Israel), MCS-ICS president, concluded the introductions by extending a warm welcome to all foreign and local participants and thanked all those who organised the symposium and to the EFMC council for deciding to have the meeting in Israel.

After a full day of lectures, a welcome reception in the park of the Weizmann Institute gave the occasion to the participants to relax and network.

The following 3 days, the participants attended a busy programme with 18 plenary lectures, 10 oral communications, 2 prize lectures given by the recipients of the EFMC Prizes for a Young Medicinal Chemist in Industry & in Academia, Dr Steve Andrews & Dr Alesio Ciulli, 2 poster sessions and 2 company workshops. EFMC-ASMC'15 was also the theatre of several ceremonies with the 2015 MCS-ICS (Medicinal Chemistry Section of the Israel Chemical Society) Award for Excellence in Medicinal Chemistry in Memory of Barry Cohen, awarded to Prof. Paul Wender, the EFMC-Roche studentship ceremony, 5 EFMC Poster Prizes and a Poster Prize sponsored by Thieme. Finally, the symposium was also the occasion to pay a tribute to the late Prof. Shalom Sarel (The Hebrew University of Jerusalem, Israel).

Of the more than 200 participants from 28 nations, the top twenty-five list of numbers of delegates per country is shown in figure 1. A distribution of the delegates according to their affiliation (figure 2) shows that there was almost a 1:1 ratio of researchers from industry (33%) and academia (31% faculty, 36% students).

The scientific programme was completed by an interesting social programme. The participants could discover the holy city of Jerusalem and visit the church of Holy Sepulchre, the room of last supper, the Dormition Abbey and the Western Wall. The Weizmann Institute in Rehovot also proposed a pleasant walk in the park and an audio-guided visit of the Weizmann House, home of the first Israeli President and famous biochemist, Chaim Weizmann.

A gala dinner concluded the conference in style, welcoming the participants in a panoramic restaurant on the top floor of the Azrieli Centre in the very heart of Tel Aviv, offering a breath-taking view over the whole city.

The next edition of this biennial symposium will take place in 2017 in Vienna (Austria) and will be jointly organised by the European Federation for Medicinal Chemistry (EFMC), Chembridge Corporation, LD Organisation and the Medicinal Chemistry Section of the Austrian Chemical Society.

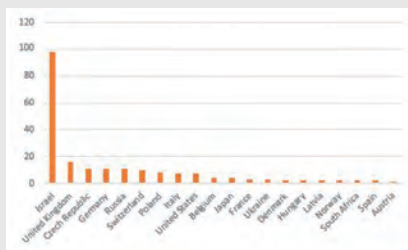


Fig. 1 delegates per country (top 20)

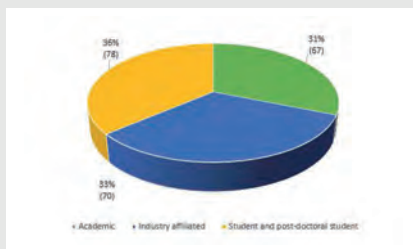
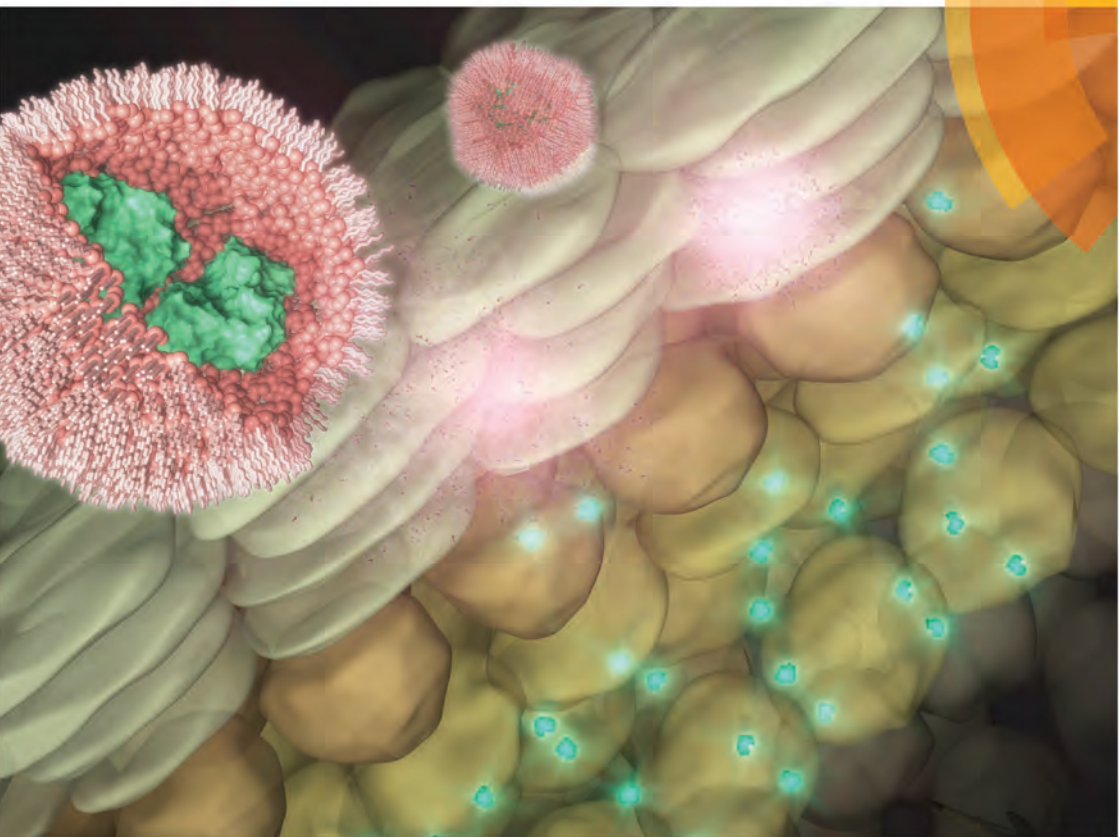


Fig. 2 distribution of delegates according to their affiliation



# MedChemComm



Official journal of EFMC



**EFMC**  
European Federation  
for Medicinal Chemistry

[www.rsc.org/medchemcomm](http://www.rsc.org/medchemcomm)



# EFMC 2016 AWARDS

*Call for nominations*

---

DEADLINE: JANUARY 31, 2016

Nominations for these Awards consist of a nomination letter, a brief CV, including a list of selected publications and two supporting letters. Self-nominations are also accepted. The nominations should be submitted to Prof. Koen Augustyns, President of the EFMC, via the EFMC website ([www.efmc.info](http://www.efmc.info)).



### **THE NAUTA AWARD FOR PHARMACOCHEMISTRY**

For the advancement of medicinal chemistry and the development of international organisational structures in Medicinal Chemistry. The Award is established by the Dutch Foundation “Stichting Prof. Dr. W. Th. Nauta Fonds” and will be given for outstanding achievements in the field of Medicinal Chemistry.



### **THE UCB-EHRLICH AWARD FOR EXCELLENCE IN MEDICINAL CHEMISTRY**

To acknowledge and recognize outstanding research in the field of Medicinal Chemistry in its broadest sense by a young scientist. This Award has been established with the support of UCB Pharma.



### **THE PROUS INSTITUTE-OVERTON AND MEYER AWARD FOR NEW TECHNOLOGIES IN DRUG DISCOVERY**

To encourage innovation and investigation in technological development related to drug discovery, this Award established with the support of Prous Institute will be given for the discovery, evaluation or use of new technologies.

*The awards will be conferred on the occasion of the XXIV EFMC International Symposium on Medicinal Chemistry (EFMC-ISMC), to be held in Manchester, United Kingdom, August 28 - September 1, 2016.*



**EUROPEAN FEDERATION  
FOR MEDICINAL CHEMISTRY**

### EFMC Prizes

The « EFMC Prize for a Young Medicinal Chemist in Academia » and the « EFMC Prize for a Young Medicinal Chemist in Industry » have been established by the European Federation for Medicinal Chemistry (EFMC) to acknowledge and recognise an outstanding young medicinal chemist working in academia or in industry within Europe. The prizes are given annually and consist of a diploma, €1.000 and an invitation for a short presentation at an EFMC Symposium. Two nominees are also identified and acknowledged.

The 2015 Prizes have been conferred on occasion of the 6th EFMC International Symposium on Advances in Synthetic and Medicinal Chemistry (EFMC-ASMC'15), held in Rehovot (Israel) on November 15-18, 2015.

The winner of the Industry Prize was **Steve ANDREWS (Heptares Therapeutics, United Kingdom)** who gave a talk on "Structure-Based Drug Design with G Protein-Coupled Receptors". The most meritorious runner-up was Thomas FESSARD (SpiroChem, Switzerland).

**Alessio CIULLI (University of Dundee, United Kingdom)** won the 2015 EFMC Prize for a Young Medicinal Chemist in Academia. At the EFMC-ASMC'15 Symposium, he gave a talk entitled "Achieving Intra-BET Selectivity of BET Bromodomain Chemical Probes: Bump-And-Hole and PROTAC Approaches". Matthew FUCHTER (Imperial College London, United Kingdom) and Beat FIERZ, (EPFL, Switzerland) have been identified and acknowledged as runners-up.

### EFMC Roche Studentships

One of the goals of the EFMC is to enhance interactions at the industry/academia interface and to promote improved cooperation between the pharmaceutical industry and academia. EFMC and Roche therefore proposed an opportunity to broaden the awareness to European University based chemistry students of the EFMC activities by rewarding excellence accomplished during a medicinal chemistry internship in industry.

The third EFMC-Roche studentships were conferred in Rehovot (Israel) on the occasion of the 6th International Symposium on Advances in Medicinal Chemistry, held on November 15-18, 2015.

The recipients were **Robert Gillespie (University of York, United Kingdom)** and **Patrick Williamson (University of St Andrews, United Kingdom)**. We would like to congratulate Robert and Patrick on their fantastic achievement.

EFMC would like to thank Roche for their contribution and support, and hopes that other companies supporting medicinal chemistry internship students can recognize excellence in this way. If you are interested in more information, please contact [administration@efmc.info](mailto:administration@efmc.info)

To find out more on the EFMC Prizes and studentships, we invite you to visit the EFMC website [www.efmc.info](http://www.efmc.info)



---

---

# THE EFMC PRIZE

## FOR A YOUNG MEDICINAL CHEMIST IN ACADEMIA

---

---

**To acknowledge and recognize an outstanding young medicinal chemist working in Academia within Europe.**

The **Prize** is given annually to a young medicinal chemist ( $\leq 12$  years after PhD), and consists of a diploma, €1.000 and an invitation to give a short presentation at the XXIV EFMC International Symposium on Medicinal Chemistry (EFMC-ISMC 2016), August 28 - September 1, 2016, Manchester, United Kingdom. Two additional nominees will also be identified and acknowledged.

Applications should be done via the application form on [www.efmc.info](http://www.efmc.info) and should consist of:

- a one-page letter by the candidate including a short rationale for their application
- one page with his/her 5 most important publications
- a brief cv of the candidate
- abstract of potential oral presentation

---

---

# THE EFMC PRIZE

## FOR A YOUNG MEDICINAL CHEMIST IN INDUSTRY

---

---

**To acknowledge and recognize an outstanding young medicinal chemist working in industry within Europe.**

The **Prize** is given annually to a young medicinal chemist ( $\leq 12$  years after PhD), and consists of a diploma, €1.000 and an invitation to give a short presentation at the XXIV EFMC International Symposium on Medicinal Chemistry (EFMC-ISMC 2016), August 28 - September 1, 2016, Manchester, United Kingdom. Two additional nominees will also be identified and acknowledged.

Nominations should be submitted by the candidate's supervisor via the submission form on [www.efmc.info](http://www.efmc.info) and should consist of:

- a letter by the supervisor
- a brief cv of the candidate
- abstract of potential oral presentation

---

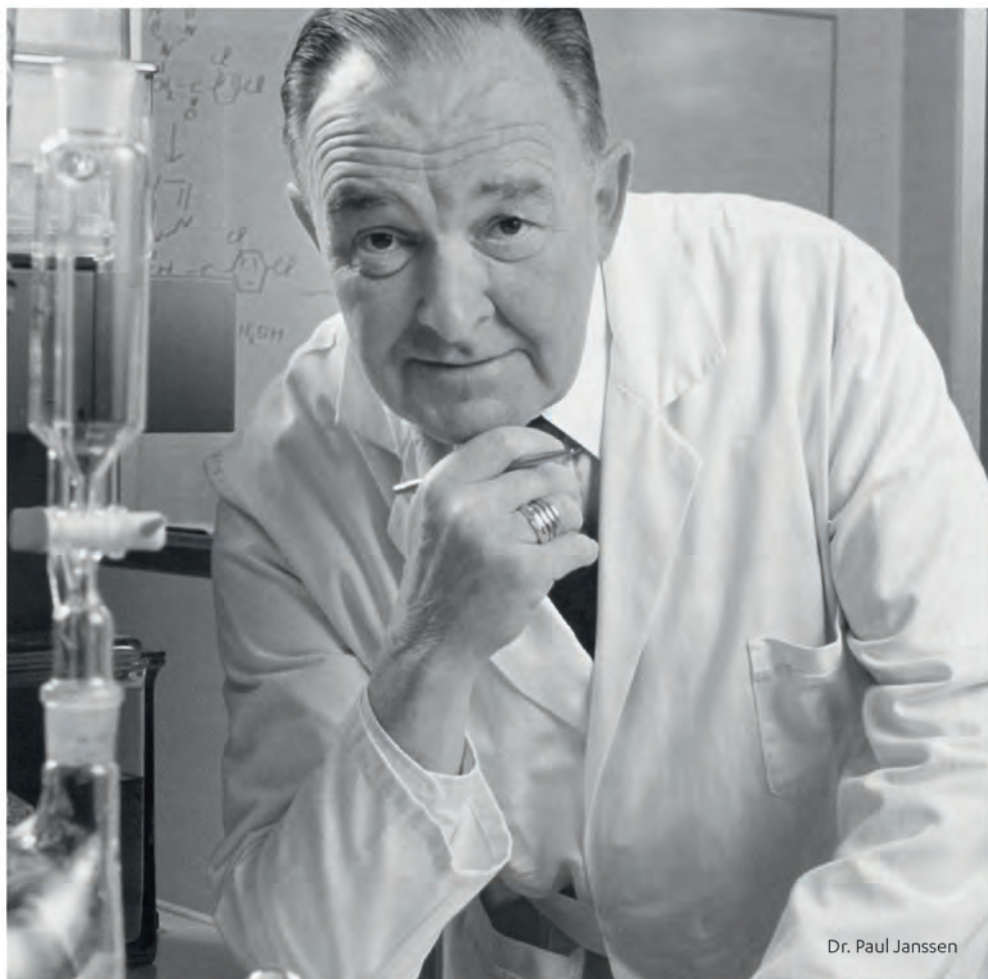
**Deadline for Nominations is January 31, 2016**

---



**EFMC**  
European Federation  
for Medicinal Chemistry

See [www.efmc.info](http://www.efmc.info) for full details.



Dr. Paul Janssen

**Patients** are Waiting

## Janssen Pharmaceutica NV

Janssen Research & Development,  
A Division of Janssen Pharmaceutica NV,  
Turnhoutseweg 30, B-2340 Beerse, Belgium  
[www.janssenpharmaceutica.com](http://www.janssenpharmaceutica.com) - [www.jnjpharmarnd.com](http://www.jnjpharmarnd.com)





- **EFMC** sponsored events highlighted in blue
- **EFMC** organised events highlighted in yellow
- **EFMC** Schools highlighted in red

**3rd Symposium on New Perspectives in DMPK**

**February 8-9, 2016**

RSC, London, UK

[www.rsc.org/events](http://www.rsc.org/events)

Organised by:  
The Biological and Medicinal Chemistry Sector  
(BMCS) of the Royal Society of Chemistry (RSC)  
(United Kingdom)

**23rd Young Research Fellows Meeting**

**February 15-17, 2016**

Faculty of Pharmacy, Lille, France

[www.sct-asso.fr/index.html#anchor-Events1](http://www.sct-asso.fr/index.html#anchor-Events1)

Contact person:  
Name: Prof. R. Deprez-Poulain and Prof. N. Willand  
Tel: +33 3 20 96 49 48 - Fax: +33 3 20 96 49 47

Email: [young.medchem@sct-asso.fr](mailto:young.medchem@sct-asso.fr)

Organised by:  
Société de Chimie Thérapeutique (France)

**The BMCS Mastering MedChem II**  
**March 9, 2016 University of Huddersfield,**  
Huddersfield, UK

[www.rsc.org/events](http://www.rsc.org/events)

Organised by:  
RSC-BMCS  
Organised by : The Biological and Medicinal  
Chemistry Sector (BMCS) of the Royal Society of  
Chemistry (RSC) (United Kingdom)

**3rd National Retrosynthesis Competition 2016**

**March 11, 2016**

RSC, London, UK

[www.rsc.org/events](http://www.rsc.org/events)

Organised by:  
The Biological and Medicinal Chemistry Sector  
(BMCS) of the Royal Society of Chemistry (RSC)  
(United Kingdom) & H&SG

**Frontiers in Medicinal Chemistry 2016**  
**March 13-16, 2016**

Bonn, Germany

[www.gdch.de/veranstaltungen/tagungen/gdch-tagungen-2016/frontiers-in-medicinal-chemistry.html](http://www.gdch.de/veranstaltungen/tagungen/gdch-tagungen-2016/frontiers-in-medicinal-chemistry.html)

Organised by:  
The German Chemical Society (GDCh), the German  
Pharmaceutical Society (DPHG) and the French  
Société de Chimie Thérapeutique (SCT)

**RSC/SCI symposium on Continuous Flow  
Technology III**

**March 14-16, 2016**

Cambridge, UK

[www.rsc.org/events/detail/18985/continuous-flow-technology-iii](http://www.rsc.org/events/detail/18985/continuous-flow-technology-iii)

Organised by:  
The Biological and Medicinal Chemistry Sector  
(BMCS) of the Royal Society of Chemistry (RSC)  
(United Kingdom) & SCI-FCG

**5th RSC/SCI symposium on Ion Channels  
as Therapeutic Targets**

**March 14-15, 2016**

Wellcome Trust Conference Centre, Cambridge, UK

[www.rsc.org/events/detail/19110/5th-rsc-sci-symposium-on-ion-channels-as-therapeutic-targets](http://www.rsc.org/events/detail/19110/5th-rsc-sci-symposium-on-ion-channels-as-therapeutic-targets)

Organised by:

The Biological and Medicinal Chemistry Sector  
(BMCS) of the Royal Society of Chemistry (RSC)  
(United Kingdom) & SCHFCG

**Spring Symposium - New  
Targets: Discovery and Screening**

**March 18, 2016**

Utrecht, The Netherlands

[www.kncv.nl/farmacochemie](http://www.kncv.nl/farmacochemie)

Contact person:

Name: Dr. Peter Molenveld  
Tel: +31 24 372 33 55 - Fax: +31 24 372 33 05  
Email: [peter.molenveld@mercachem.com](mailto:peter.molenveld@mercachem.com)

Organised by:

Section Medicinal Chemistry, Royal Netherlands  
Chemical Society (KNCV) (The Netherlands)

**Joint RSC-BMCS and RSC-H&SG Meeting  
on Synthesis in the Agrisciences**

**April 14, 2016**

RSC, London, UK

Organised by:

The Biological and Medicinal Chemistry Sector  
(BMCS) of the Royal Society of Chemistry (RSC)  
(United Kingdom)

**27th Symposium on Medicinal Chemistry  
in the East of England**

**April 21, 2016**

Fielder Centre, Hatfield, UK

[www.rsc.org/events/detail/19543/27th-symposium-on-medicinal-chemistry-in-eastern-england](http://www.rsc.org/events/detail/19543/27th-symposium-on-medicinal-chemistry-in-eastern-england)

Organised by:

The Biological and Medicinal Chemistry Sector  
(BMCS) of the Royal Society of Chemistry (RSC)  
(United Kingdom)

**12th EFMC Short Course on Medicinal Chemistry  
Modulation of Enzymes; Epigenetics and Beyond**

**April 24-27, 2016**

Oegstgeest (near Leiden), The Netherlands

[www.efmcshortcourses.org](http://www.efmcshortcourses.org)

Contact person:

EFMC Administrative Secretariat  
Rue Michel de Ghelderode 33/2  
1348 Louvain-la-Neuve, Belgium  
Tel: +32 10 45 47 77 - Fax: +32 10 45 97 19  
Email: [secretariat@lDorganisation.com](mailto:secretariat@lDorganisation.com)

**41st General Meeting of the Slovenian  
Pharmaceutical Society**

**May 12-14, 2016**

Portoroz, Slovenia

[www.sdf.si](http://www.sdf.si)

Contact person:

Name: Prof. Dr Marko Anderluh  
Tel: +386 1 4769 639 - Fax: +386 1 4258 031  
Email: [marko.anderluh@ffa.uni-lj.si](mailto:marko.anderluh@ffa.uni-lj.si)

Organised by:

Section for Medicinal Chemistry of the Slovenian  
Pharmaceutical Society (Slovenia)

**33rd Camerino-Cyprus Symposium****May 15-19 2016**

Camerino, Italy

[www.unicam.it/farmacia/symposium/index.html](http://www.unicam.it/farmacia/symposium/index.html)

Contact person: Mario Giannella

Email: [secretariat.camerino@unicam.it](mailto:secretariat.camerino@unicam.it)

Organised by:

Division of Medicinal Chemistry of the Italian Chemical Society (Società Chimica Italiana) (Italy)

**7th RSC/SCI Symposium  
on Kinase inhibitor design****May 16, 2016**

Nottingham, UK

[www.rsc.org/events/detail/19885/kinase-2016-next-generation-inhibitors](http://www.rsc.org/events/detail/19885/kinase-2016-next-generation-inhibitors)

Organised by:

The Biological and Medicinal Chemistry Sector (BMCS) of the Royal Society of Chemistry (RSC) (United Kingdom) &amp; SCI-FCG

**53rd Meeting of Serbian Chemical Society****June 2016**

Belgrade, Serbia

[www.shd.org.rs/53SHD](http://www.shd.org.rs/53SHD)

Contact person:

Name: Dr Zivoslav Tesic (president)

Tel: +381 11 3370 467 - Fax: +381 11 3370 467

Email: [office@shd.org.rs](mailto:office@shd.org.rs)

Organised by:

Serbian Chemical Society, Division of Medicinal Chemistry (Serbia)

**6th RSC/SCI Symposium on GPCRs  
in Medicinal Chemistry****June 13-15, 2016**

Aptuit, Verona, Italy

[www.rsc.org/events/detail/18631/6th-rsc-sci-symposium-on-gpcrs-in-medicinal-chemistry](http://www.rsc.org/events/detail/18631/6th-rsc-sci-symposium-on-gpcrs-in-medicinal-chemistry)  
[www.maggichurchhouseevents.co.uk/bmcs](http://www.maggichurchhouseevents.co.uk/bmcs)

Contact person:

Name: Maggi Churchouse,

Tel. and fax: +44 (0)1359 221004

Email: [maggi@maggichurchhouseevents.co.uk](mailto:maggi@maggichurchhouseevents.co.uk)

Organised by : The Biological and Medicinal Chemistry Sector (BMCS) of the Royal Society of Chemistry (RSC) (United Kingdom)

**European School of Medicinal Chemistry (ESMEC)  
EFMC Accredited School****June 26 - July 1, 2016**

Urbino, Italy

[www.esmec.eu](http://www.esmec.eu)

Contact person:

Name: Carlo de Micheli

Tel: +39 25 03 19 330 - Fax: +39 25 03 19 326

Email: [carlo.demicheli@unimi.it](mailto:carlo.demicheli@unimi.it)

Organised by:

Division of Medicinal Chemistry of the Italian Chemical Society (Società Chimica Italiana) (Italy)

**XXVII European Colloquium  
on Heterocyclic Chemistry****July 3-6, 2016**

Amsterdam, The Netherlands

[www.ehc2016.org](http://www.ehc2016.org)

Contact details:

Tel: +32 10 45 47 77 - Fax: +32 10 45 97 19

Email: [secretariat@ldorganisation.com](mailto:secretariat@ldorganisation.com)

Organised by:

Section Medicinal Chemistry, Royal Netherlands Chemical Society (KNCV) (The Netherlands)

### 52nd International Conference on Medicinal Chemistry (RICT 2015)

**July 6-8, 2016**

Caen, France

[www.rict2016.org](http://www.rict2016.org)

**Contact :**

Symposium Secretariat – LD Organisation  
Rue Michel de Ghelderode 33/2  
1348 Louvain-la-Neuve, Belgium

Tel : +32 10 45 47 77 - Fax : +32 10 45 97 19

Email : [secretariat@LDorganisation.com](mailto:secretariat@LDorganisation.com)

Organised by:

Société de Chimie Thérapeutique (France)

### XXIV EFMC International Symposium on Medicinal Chemistry (EFMC-ISMC 2016)

**August 28 - September 1, 2016**

Manchester, UK

[www.EFMC-ISMC.org](http://www.EFMC-ISMC.org)

**Organised by :**

European Federation for Medicinal Chemistry (EFMC)

**Organised by:**

The Biological and Medicinal Chemistry Sector (BMCS) of the Royal Society of Chemistry (RSC) (United Kingdom)

### EuroQSAR 2016 - 21st European Symposium on Quantitative Structure-Activity Relationship - Where Molecular Simulations Meet Drug Discovery

**September 4-8, 2016**

Verona, Italy

[www.euroqsar2016.org](http://www.euroqsar2016.org)

**Organised by:**

European Federation for Medicinal Chemistry (EFMC)

### 24th National Meeting on Medicinal Chemistry/ NPCF (Nuove Prospettive in Chimica Farmaceutica)

**September 11-14, 2016**

Perugia, Italy

[www.nmmc2016.chimfarm.unipg.it](http://www.nmmc2016.chimfarm.unipg.it)

**Contact person:**

Name: Violetta Cecchetti, Benedetto Natalini  
Tel: +39 75 58 55 153 - Fax: +39 75 58 55 115  
Email: [violetta.cecchetti@unipg.it](mailto:violetta.cecchetti@unipg.it)

**Organised by:**

Division of Medicinal Chemistry of the Italian Chemical Society (Società Chimica Italiana)

### Frontiers in Antibiotic Drug Discovery

**September 14-15, 2016**

Stockholm, Sweden

[www.lakemedelsakademin.se/english](http://www.lakemedelsakademin.se/english)

**Contact person:**

Name: Carlos Vaca Falconi  
Tel: +46 8 723 50 82 - Fax: +46 8 20 55 11  
Email: [carlos.vaca.falconi@lakemedelsakademin.se](mailto:carlos.vaca.falconi@lakemedelsakademin.se)

Co-organised by: the Innovative Medicines Initiative  
ND4BB ENABLE programme

Organised by: Swedish Academy of Pharmaceutical Sciences (Sweden)

### 8th Polish Meeting on Medicinal Chemistry

**September 15-17, 2016**

Lublin, Poland

[www.ptchm.pl](http://www.ptchm.pl)

**Contact person:**

Name: Prof. Dariusz Matosiuk  
Tel: +48 81 535 73 55 - Fax: +48 81 535 73 55  
Email: [ptchm@ptchm.pl](mailto:ptchm@ptchm.pl) / [darek.matosiuk@am.lublin.pl](mailto:darek.matosiuk@am.lublin.pl)

**Organised by:**

Polish Society of Medicinal Chemistry (Poland)

**SSPA (Summer School on Pharmaceutical Analysis) Advanced Analytical Methodologies for Biotechnological and Biological Medicinal Products**  
**September 21-23, 2016**

Rimini, Italy

[www.sspaweb.com](http://www.sspaweb.com)

Contact person:  
 Name: Giancarlo Aldini  
 Tel: +39 2 50 31 92 96 - Fax: +39 2 50 31 93 59  
 Email: [giancarlo.aladini@unimi.it](mailto:giancarlo.aladini@unimi.it)

Organised by:  
 Division of Medicinal Chemistry of the Italian Chemical Society (Società Chimica Italiana) (Italy)

**3rd Meeting of Slovenian Medicinal Chemists**  
**September 23, 2016**

University of Ljubljana, Faculty of Pharmacy

[www.sfd.si/?mod=aktualno&action=showCat&ID=30](http://www.sfd.si/?mod=aktualno&action=showCat&ID=30)

Contact person:  
 Name: Prof. Dr Marko Anderluh  
 Tel: +386 1 4769 639 - Fax: +386 1 4258 031  
 Email: [marko.anderluh@ffa.uni-lj.si](mailto:marko.anderluh@ffa.uni-lj.si)

Organised by:  
 Section for Medicinal Chemistry of the Slovenian Pharmaceutical Society (Slovenia)

**FIGON Dutch Medicines Days 2016**  
**October 2016**

Ede, The Netherlands

[www.figondmd.nl](http://www.figondmd.nl)

Contact person:  
 Name: Dr Chris de Graaf  
 Tel: +31 20 598 75 53 - Fax: +31 20 598 76 10  
 Email: [c.de.graaf@vu.nl](mailto:c.de.graaf@vu.nl)

co-organised by FIGON & KNCV

**12th Swiss Course on Medicinal Chemistry**  
**October 9-14, 2016**

Leysin, Switzerland

[www.scg.ch/leysin2016](http://www.scg.ch/leysin2016)

Contact person:  
 Name: Gerhard Müller  
 Tel: +31 243 72 33 00  
 Email: [scmc@mercachem.com](mailto:scmc@mercachem.com)

Organised by:  
 Division for Medicinal Chemistry & Chemical Biology (DMCCB) (Switzerland)

**2nd Anglo-Croatian Medicinal Symposium on Macrocycles: Medicinal Chemistry and Beyond-the-rule-of-five**

**October 17-18, 2016**

Fidelta, Zagreb, Croatia

Organising committee:  
 David Alker, Gordon Saxty, Vitomir Sunjic  
 Email: [maggi@maggichurchhouseevents.co.uk](mailto:maggi@maggichurchhouseevents.co.uk)

Organised by:  
 Croatian Chemical Society, Section of Medicinal/Pharmaceutical Chemistry (Croatia)  
 Organised by: The Biological and Medicinal Chemistry Sector (BMCS) of the Royal Society of Chemistry (RSC) (United Kingdom)

**Drug Discovery Beyond the Rule of Five**  
**October 18-19, 2016**

Mölnådal, Sweden

[www.lakemedelsakademin.se/english](http://www.lakemedelsakademin.se/english)

Contact person:  
 Name: Carlos Vaca Falconi  
 Tel: +46 8 723 5082 - Fax: +46 8 20 55 11  
 Email: [carlos.vaca.falconi@lakemedelsakademin.se](mailto:carlos.vaca.falconi@lakemedelsakademin.se)

Organised by:  
 Swedish Academy of Pharmaceutical Sciences (Sweden)

**DSFTM Annual Meeting 2016  
Autumn 2016**

Sandberg Gods, Sonderborg

[www.dsftm.dk](http://www.dsftm.dk)

Organised by:

The Danish Society of Pharmacology, Toxicology  
and Medicinal Chemistry (Denmark)

**5th RSC/SCI symposium on Challenges  
in Catalysis**

**November 2, 2016**

The RSC at Burlington House, London, UK

[www.rsc.org/events/detail/19494/challenges-in-catalysis-for-pharmaceuticals-and-fine-chemicals-v](http://www.rsc.org/events/detail/19494/challenges-in-catalysis-for-pharmaceuticals-and-fine-chemicals-v)

Organised by:

The Biological and Medicinal Chemistry Sector  
(BMCS) of the Royal Society of Chemistry (RSC)  
(United Kingdom) & SCI-FCG

**Medchem 2016: Annual Joint SRC/KVCV one-day  
Symposium on Medicinal Chemistry**

**November 2016**

[www.medchem.be](http://www.medchem.be)

Organised by:

Medicinal and Bioorganic Chemistry Division of  
Royal Flemish Chemical Society (KVCV) (Belgium)  
and Société Royale de Chimie (SRC), Medicinal  
Chemistry Division (Belgium)

**Plugging the Antibiotics Gap:  
A Medicinal Chemist's Perspective**

**November 16, 2016**

Manchester Science Park at Alderley Park,  
Manchester, UK

Organised by:

The Biological and Medicinal Chemistry Sector  
(BMCS) of the Royal Society of Chemistry (RSC)  
(United Kingdom) & SCI-FCG

**10th BMCS Postgraduate Symposium**

**December 7, 2016**

University of Cambridge, UK

Contact person: Dave Alker

Email: [dave.alker@btinternet.com](mailto:dave.alker@btinternet.com)

Organised by:

The Biological and Medicinal Chemistry Sector  
(BMCS) of the Royal Society of Chemistry (RSC)  
(United Kingdom)



Chemistry is not the same with or without GalChimia

Our expert, dedicated team of chemists has found a productive outlet for their obsession with chemistry, providing custom synthesis, contract research, process development, and analytical services to clients worldwide.

 GalChimia  
www.galchimia.com  
hello@galchimia.com  
+34 981 814 506



**JOIN**  
OUR ONLINE  
COMMUNITY

Sign up at  
[MedChemNet.com](http://MedChemNet.com)

Three reasons why you should join the MedChemNet expert network:

- **Connect** – join with peers and follow opinion leaders
- **Collaborate** – share insights through blogs and videos
- **Discover** – join the conversation and influence the community

Create your FREE account today:  
[www.MedChemNet.com](http://www.MedChemNet.com)

 MedChemNet

powered by 





#### Course Organisers

Gerhard Müller and Anita Wegert  
*Mercachem, The Netherlands*

#### Local Organiser

Henk Timmerman  
*VU University Amsterdam, The Netherlands*

#### Registration deadline

February 15, 2016

#### Venue

Castle "Oud Poelgeest", Oegstgeest  
(near Leiden), The Netherlands  
Airport Schiphol, Amsterdam

#### Fee

€ 1475,00 – Including accommodation,  
breakfast, coffee breaks, lunches and dinners  
during the days of the conference.

#### Contact

EFMC Administrative Secretariat  
LD Organisation sprl  
Scientific Conference Producers  
Rue Michel de Ghelderode 33/2  
1348 Louvain-la-Neuve, Belgium  
tel: +32 10 45 47 74 Fax: +32 10 45 97 19  
mail: [administration@efmc.info](mailto:administration@efmc.info)  
[www.efmcshortcourses.org](http://www.efmcshortcourses.org)



EUROPEAN FEDERATION  
FOR MEDICINAL CHEMISTRY

## 12th EFMC Short Course on Medicinal Chemistry

### MODULATION OF ENZYMES; EPIGENETICS AND BEYOND

April 24-27, 2016

Oegstgeest, near Leiden, The Netherlands

This intensive course is intended for scientists with an interest in exploring the possibilities of targeting PPIs for drug discovery or chemical biology. The number of participants will be limited to 35 to assure interactive and in-depth discussions.

#### Course Outline

Enzymes encompass a vast number of distinct target families relevant for contemporary medicinal chemists' endeavor to the discovery of efficient and safe drugs. A recent analysis of about 1.000 drugs approved from 1982 – 2010 uncovered around 450 effect-mediating drug targets of which only 150 cluster into enzyme families. However, the ratio of enzyme inhibitors among all approved drugs has increased over the last 10 years; of all 'true NCEs' that reached the market from 2005 onwards, more than 50% exert their therapeutic effect by modulation of human and pathogenic enzymes. Many of the approved inhibitors modulate enzymes that cluster into densely populated target families that will be scrutinized in the 12th EFMC Short Course on Medicinal Chemistry. Hence, the focus of this course will be centered on all aspects of enzyme inhibitor discovery addressing the widely unexploited potential of both, the established enzyme classes such as proteases and kinases, as well as the modern emerging enzyme families from e.g. the epigenetics area. A collection of renowned international experts in the field will highlight various methodological, technological, and enzymological aspects of medicinal chemistry aimed at the discovery of inhibitors against proteases, kinases, phosphodiesterases, as well as epigenetic targets, respectively. Lectures and discussions will be complemented by interactive hands-on sessions on selected case studies in which the participants will be challenged to pursue hit-to-lead and subsequent lead optimization campaigns, supervised by experienced medicinal chemists.

**April 24-27, 2016**

Oegstgeest (near Leiden), The Netherlands

Gerhard MÜLLER

(Mercachem, Nijmegen, The Netherlands)

Anita WEGERT

(Mercachem, Nijmegen, The Netherlands)

**Local Organiser**

Henk TIMMERMAN,

VU University Amsterdam, The Netherlands

# Modulation of Enzymes; Epigenetics and Beyond

In 2009, EFMC launched a series of short courses aimed to favour cultural and scientific growth of the medicinal chemistry community and organised with affordable fees for participation. These intensive courses are intended for scientists working in the field, and the presentations are given by senior scientists from industry and academia. The number of participants will be limited to 35, to favour in depth discussion. Should the number of applications exceed the maximum, preference will be given to applicants from EFMC adhering countries and employees of EFMC corporate members. Upon special request to the organisers, only based on financial conditions and supported by an argued recommendation of the head of the department of the applicant, a limited number of applicants from academia (maximum 3) may be admitted at a reduced fee.

### Course outline

Enzymes encompass a vast number of distinct target families relevant for contemporary medicinal chemists' endeavor to the discovery of efficient and safe drugs. A recent analysis of about 1.000 drugs approved from 1982 – 2010 uncovered around 450 effect-mediating drug targets of which only 150 cluster into enzyme families. However, the ratio of enzyme inhibitors among all approved drugs has increased over the last 10 years; of all 'true NCEs' that reached the market from 2005 onwards, more than 50% exert their therapeutic effect by modulation of human and pathogenic enzymes. Many of the approved inhibitors modulate enzymes that cluster into densely populated target families that will be scrutinized in the 12th EFMC Short Course on Medicinal Chemistry. Hence, the focus of this course will be centered on all aspects of enzyme inhibitor discovery addressing the widely

unexploited potential of both, the established enzyme classes such as proteases and kinases, as well as the modern emerging enzyme families from e.g. the epigenetics area. A collection of renowned international experts in the field will highlight various methodological, technological, and enzymological aspects of medicinal chemistry aimed at the discovery of inhibitors against proteases, kinases, phosphodiesterases, as well as epigenetic targets, respectively. Lectures and discussions will be complemented by interactive hands-on sessions on selected case studies in which the participants will be challenged to pursue hit-to-lead and subsequent lead optimization campaigns, supervised by experienced medicinal chemists.

### More details

[www.efmcshortcourses.org](http://www.efmcshortcourses.org)

### Comments of EFMC Short Course participants

*"The course gave a perfect introduction to the field as well as a dept. state of the field at the moment, good lectures."*

*"I felt like every topic was discussed."*

*"Having the whole meeting 'under one roof' is appreciated. The castle is a very nice and comfortable location to organise an event such as the Short Course."*

*"One of the strong points of this course is the possibility to have good interaction with the speakers and ask a lot of questions, this makes it a real interactive school."*

On a scale 0-5, the participants rated the speakers for content and presentation to an average of 4.3



# EFMC

## International Symposium on Medicinal Chemistry

Manchester, UK Aug. 28 – Sept. 1, 2016



### INTERNATIONAL ORGANISING COMMITTEE

#### Symposium Chairman

**Phil JONES**

(University of Dundee, UK)

#### Members

**Marko ANDERLUH**

(University of Ljubljana, SI)

**Koen AUGUSTYNS**

(University of Antwerp, BE)

**Karin BRINER**

(Novartis, US)

**Rebecca DEPREZ-POULAIN**

(University of Lille, FR)

**Pilar GOYA**

(Instituto de Química Médica, ES)

**Anette GRAVEN SAMS**

(H. Lundbeck, DK)

**Rui MOREIRA**

(University of Lisbon, PT)

**Matt TOZER**

(Consultant, UK)

**Franz VON NUSSBAUM**

(Bayer Pharma, DE)

### SYMPOSIUM SECRETARIAT

#### LD ORGANISATION SPRL

#### Scientific Conference Producers

Rue Michel de Ghelderode 33/2

1348 Louvain-la-Neuve, Belgium

Tel: +32 10 45 47 77 Fax: +32 10 45 97 19

Mail: [secretariat@efmc-ismc.org](mailto:secretariat@efmc-ismc.org)

Web: [www.efmc-ismc.org](http://www.efmc-ismc.org)

### CONFIRMED PLENARY LECTURES

**Phil BARAN**

(Scripps Research Institute, US)

**Sir Simon CAMPBELL**

(UK)

**Derek LOWE**

(Vertex Pharmaceuticals, US)

**Dario NERI**

(ETH Zürich, CH)

**Tobias RITTER**

(Max-Planck Institut für Kohlenforschung, DE)

**Anthony WOOD**

(Pfizer, US)



## EFMC AWARD LECTURES

- The Nauta Award for Pharmacochemistry
- The UCB-Ehrlich Award for Excellence in Medicinal Chemistry
- The Prous Institute-Overton and Meyer Award for New Technologies in Drug Discovery

## EFMC PRIZE LECTURES

- Prize for a Young Medicinal Chemist in Industry
- Prize for a Young Medicinal Chemist in Academia

## OTHER PRIZE LECTURES

- IUPAC-Richter Prize in Medicinal Chemistry

## SESSIONS AND SESSION COORDINATORS

### RECENT PROGRESS IN THE TREATMENT OF OPHTHALMOLOGICAL DISEASES

Yves Auberson (Novartis, CH)

### MODULATION OF PROTEIN - PROTEIN INTERACTIONS - NOVEL OPPORTUNITIES FOR DRUG DISCOVERY

Christian Ottmann (TU Eindhoven, NL)

### RECENT ADVANCES ON APPROACHES TO TREAT PAIN

Alan Brown (Pfizer Neusentis, UK)

### NEW HORIZONS IN GPCR-TARGETED MEDICINAL CHEMISTRY

Christa Müller (University of Bonn, DE)

### DRUG DISCOVERY APPROACHES TOWARD TARGETING RAS

Joachim Rudolph (Genentech, US)

### INNOVATION IN KINASE DRUG DISCOVERY

Christel Menet (Galapagos, BE)

### NEW ANTIBACTERIALS. AN UPDATE

Malcolm Page (Basilea Pharmaceutica International, CH)

### HIGH THROUGHPUT SCREENING STRATEGIES TO OBTAIN HIGH QUALITY LEADS

Jonathan Baell (Monash University, AU)

### CURRENT ADVANCES AND FUTURE OPPORTUNITIES FOR THE TREATMENT OF NEURODEGENERATIVE DISORDERS

Theodora Calogeropoulou  
(National Hellenic Research Foundation, GR)

### MOLECULAR TISSUE TARGETING

Malin Lemurell (AstraZeneca, SE)

### HOT TOPICS IN CARDIOVASCULAR DISEASES RESEARCH

Susanne Roehrig (Bayer HealthCare, DE)

### COVALENT DRUGS REVISITED

Zhengying Pan (Peking University, CN)

### MAKING SMALL MOLECULE SYNTHESIS SIMPLER, GENERAL, AND AUTOMATIC

Martin Burke (University of Illinois, US)

### BIG DATA IN MEDICINAL CHEMISTRY

Andrew Hopkins (University of Dundee, UK)

### NOVEL APPROACHES TO THE TREATMENT OF CANCER

Jonathan Bennett (Merck, US)

### NOVEL MOLECULAR PROBES FOR IN VIVO CHEMISTRY

Marc Robillard (Tagworks Pharmaceuticals, NL)

### SYNTHESIS DRIVEN INNOVATION

Jesus Ezquerro (Lilly, ES)

### SHOWCASE BRAZIL

Andrei Leitao (University of Sao Paulo, BR)

### TARGETED NANO DRUG DELIVERY FROM BENCH TO BEDSIDE

Costas Demetzos (University of Athens, GR)  
& Guerit Borchard (University of Geneva, CH)

### INTRAMOLECULAR HYDROGEN BONDING AND ITS IMPACT IN DRUG DESIGN AND DISCOVERY

Amjad Ali & Tanweer Khan (Merck Research Laboratories, US)

### PEPTIDES: PUSHING PERMEABILITY AND BIOAVAILABILITY BEYOND THE RULE OF 5

Claudio Mapelli & Peter Cheng (Bristol-Myers Squibb, US)

### THE IMPORTANCE OF SOLUTE CARRIER TRANSPORTERS IN DRUG DISCOVERY

David Hepworth (Pfizer, UK)

### FIRST TIME DISCLOSURES

### EMERGING TOPICS

### LATE BREAKING NEWS



**EFMC**  
European Federation  
for Medicinal Chemistry



ROYAL SOCIETY  
OF CHEMISTRY  
BIOLOGICAL AND  
MEDICINAL  
CHEMISTRY  
SECTOR

# Organisations

## Adhering Organisations

<b>Austria</b>	Austrian Chemical Society, Medicinal Chemistry Section
<b>Belgium</b>	Royal Flemish Chemical Society (KVCV), Medicinal and Bioorganic Chemistry Division Société Royale de Chimie (SRC), Medicinal Chemistry Division
<b>Croatia</b>	Croatian Chemical Society, Medicinal Chemistry Section
<b>Denmark</b>	The Danish Society for Pharmacology, Toxicology and Medicinal Chemistry
<b>Finland</b>	Finnish Pharmaceutical Society
<b>France</b>	Société de Chimie Thérapeutique (SCT)
<b>Germany</b>	Division of Medicinal Chemistry of the German Chemical Society (GDCh) German Pharmaceutical Society, Section of Pharmaceutical/Medicinal Chemistry (DPhG)
<b>Greece</b>	Hellenic Society of Medicinal Chemistry
<b>Hungary</b>	Organic and Medicinal Chemistry Division (OMCD) of the Hungarian Chemical Society (HCS)
<b>Israel</b>	The Medicinal Chemistry Section of the Israel Chemical Society
<b>Italy</b>	Division of Medicinal Chemistry of the Italian Chemical Society (Società Chimica Italiana)
<b>Latvia</b>	Latvian Association for Medicinal Chemistry
<b>The Netherlands</b>	Section Medicinal Chemistry, Royal Netherlands Chemical Society (KNCV)
<b>Poland</b>	Polish Society of Medicinal Chemistry
<b>Portugal</b>	Group of Medicinal Chemistry of the Portuguese Chemical Society
<b>Russia</b>	The D.I. Mendeleev Russian Chemical Society, Medicinal Chemistry Section
<b>Serbia</b>	Serbian Chemical Society, Division of Medicinal Chemistry
<b>Slovenia</b>	Section for Medicinal Chemistry of the Slovenian Pharmaceutical Society
<b>Spain</b>	Sociedad Española de Química Terapéutica
<b>Sweden</b>	The Swedish Academy of Pharmaceutical Sciences
<b>Switzerland</b>	Division of Medicinal Chemistry & Chemical Biology (DMCCB)
<b>Turkey</b>	Turkish Association of Medicinal and Pharmaceutical Chemistry
<b>United Kingdom</b>	The Biological and Medicinal Chemistry Sector (BMCS) of the Royal Society of Chemistry (RSC)



## Austrian Chemical Society, Medicinal Chemistry Section

# AUSTRIA

To foster Medicinal Chemistry in Austria by jointly organising and hosting national and international summer schools, minisymposia and workshops together with the Austrian Pharmaceutical Society.

### Mission

1999

### Founded

100

### Members

Trade and Industry: 27%  
Research Institute and University: 46%  
Others: 27%

### Member profile

Nibelungengasse 11/6  
1010 Vienna  
Austria

### Postal address

+43 1 587 42 49 or +43 1 587 39 80  
+43 1 587 89 66

### Telephone

### Fax

office@GOECH.at  
www.goech.at

### E-mail

### Website

Ao. Univ. Prof. Dipl.-Ing. Dr techn. Marko MIHOVILOVIC  
(TU Vienna)

### President

Prof. Dr Thierry LANGER  
(University of Vienna)

### EFMC-Delegate

Mrs Gabriela EBNER  
(Austrian Chemical Society)

### NAO Secretariat

# BELGIUM (KVCV)



## Medicinal and Bioorganic Chemistry Division of the Royal Flemish Chemical Society (KVCV)

<b>Mission</b>	Organisation of symposia and activities, promotion of contacts between industry and academia, promotion of contacts with other national and international organisations.
<b>Founded</b>	2002
<b>Members</b>	120
<b>Postal address</b>	KVCV vzw p/a Universiteit Antwerpen Campus Groenenborger Departement Chemie Groenenborgerlaan 171 2020 Antwerp Belgium
<b>Telephone</b>	+32 (0)479 601 232
<b>E-mail</b>	info@kvcv.be
<b>Website</b>	<a href="http://med-bio-organ.kvcv.be/">http://med-bio-organ.kvcv.be/</a>
<b>Activities</b>	Every 2 years the J&J PRD award for Medicinal Chemistry is given to an outstanding Ph.D. thesis in the field.  • <b>Medchem 2016: Annual Joint SRC/KVCV one-day Symposium on Medicinal Chemistry</b> (November 2016)
<b>President</b>	Prof. Dr Koen AUGUSTYNS (Universiteit Antwerpen)
<b>EFMC-Delegate</b>	Prof. Dr Serge VAN CALENBERGH (Universiteit Gent)
<b>NAO Secretariat</b>	KVCV (Medicinal and Bioorganic Chemistry Division)



# BELGIUM (SRC)



## Société Royale de Chimie (SRC) Medicinal Chemistry Division

39

NATIONAL ADHERING ORGANISATIONS

The Division of Medicinal Chemistry of the SRC provides a forum for scientists interested in medicinal chemistry and related areas in pharmaceutical research. The Division's activities intend to bring together its members and to foster contacts in a European context.

### Mission

1973

### Founded

120

### Members

ULB, CP 160/07  
Avenue F. Roosevelt, 50  
1050 Bruxelles  
Belgium

### Postal address

+32 2 650 52 08

### Telephone

+32 2 650 51 84

### Fax

src@ulb.ac.be

### E-mail

www.src.be

### Website

The DMC organises annually a Symposium aimed at updating interested participants on particularly rapidly evolving areas of pharmaceutical research, by specialists in their respective field.

### Activities

The DMC confers, every 2 years, the «Johnson and Johnson Pharmaceutical Research and Development Award for Young Medicinal Chemists» to acknowledge an outstanding Ph.D. thesis work.

Annual One Day Meeting on Medicinal Chemistry, Medicinal Chemistry Division of SRC & Medicinal and Bio-Organic Chemistry Division of KVCV.

- **Medchem 2016: Annual Joint SRC/KVCV one-day Symposium on Medicinal Chemistry** (November 2016)

Dr Laurent PROVINS  
(UCB BioPharma)

### President

Dr Laurent PROVINS  
(UCB BioPharma)

### EFMC-Delegate

SRC  
(Medicinal Chemistry Division)

### NAO Secretariat



## Croatian Chemical Society, Section of Medicinal / Pharmaceutical Chemistry

<b>Mission</b>	<p>Develop and promote scientific, professional and educational activities in the field of medicinal chemistry.</p> <p>1) Improve visibility of the science of medicinal chemistry by building stronger connections and cooperation between members who pursue this discipline</p> <p>2) Promote and improve cooperation between Croatian Chemical Society, Industry and Academia (in advancing the science of medicinal chemistry)</p> <p>3) Build strong links, cooperations and networking with European (EFMC) medicinal chemistry sections/related scientific organisations and their members</p>
<b>Founded</b>	2009 (Croatian Chemical Society was founded in 1926)
<b>Members</b>	80
<b>Member profile</b>	<p>Trade and Industry: 40%</p> <p>Research Institute: 20%</p> <p>University: 20%</p> <p>Others: 20%</p>
<b>Postal address</b>	<p>Horvatovac 102a</p> <p>10000 Zagreb Croatia</p>
<b>Telephone</b>	+385 (0)1 460 6164
<b>Fax</b>	+385 (0)1 460 6131
<b>E-mail</b>	stomic@chem.pmf.hr
<b>Website</b>	www.hkd.hr
<b>Activities</b>	<p>• <b>2nd Anglo-Croatian Medicinal Symposium on Macrocycles: Medicinal Chemistry and Beyond-the-rule-of-five</b> (October 17-18, 2016), Fidelta, Zagreb, Croatia</p>
<b>President</b>	<p>Prof. Dr sc. Srdjanka TOMIC PISAREVIC</p> <p>(University of Zagreb)</p>
<b>NAO Secretariat</b>	<p>Dr Zeljka SOLDING</p> <p>(University of Zagreb)</p>
<b>EFMC-Delegate</b>	<p>Dr Vesna GABELICA MARKOVIC</p> <p>(Fidelta)</p>



## The Danish Society of Pharmacology, Toxicology and Medicinal Chemistry

To advance the development of Pharmacology,  
Toxicology and Medicinal Chemistry.

### Mission

300 members total, 100 in medchem section.

### Members

Trade and Industry: 50%  
Research Institute and University: 50%

### Member profile

DSFTM, att: Eva Cecilie Bonefeld-Jorgensen  
Centre for Arctic Health & Unit of Cellular  
and Molecular Toxicology  
Department of Public Health, Build. 1260  
Bartholin Allé 2, University of Aarhus  
8000 Aarhus C Denmark

### Postal address

+45 871 68012 Mobile: +45 28992480  
+45 871 871 6730

### Telephone Fax

info@dsftm.dk  
www.dsftm.dk

### E-mail Website

Arrange yearly seminars on current topics in Pharmacology,  
Toxicology and Medicinal Chemistry and contact to related  
international Societies.

### Activities

• **DSFTM Annual Meeting 2016**  
(Autumn 2016), Sandberg Gods, Sønderborg

Prof. Eva Cecilie BONEFELD-JORGENSEN  
(University of Aarhus)

### President

Prof. Claus Juul LOLAND  
(University of Copenhagen)

### Secretary

Prof. Trond ULVEN  
(University of Southern Denmark)

### EFMC-Delegate

Dr Harrie BOONEN  
(University of Copenhagen)

### Treasurer

## FINLAND

## Finnish Pharmaceutical Society



<b>Mission</b>	The Finnish Pharmaceutical Society promotes and supports pharmaceutical sciences in Finland. The society arranges symposia, courses, seminars and discussions concerning recent developments in the area of pharmaceutical research and other current topics related to the field. The society also allocates grants and awards for individual researchers and it is actively cooperating with other national and international societies working in the same area.
<b>Founded</b>	1887
<b>Members</b>	327 of which 31 are members of the Medicinal Chemistry group
<b>Postal address</b>	Fredrikinkatu 61 00100 Helsinki Finland
<b>Telephone</b>	+358 (0)40 353 2791
<b>E-mail</b>	jarkko.t.rautio@uef.fi
<b>Website</b>	<a href="http://pro.tsv.fi/finpharmsociety/index.htm">http://pro.tsv.fi/finpharmsociety/index.htm</a>
<b>Activities</b>	<ul style="list-style-type: none"> <li>• Symposia (co-organiser of Helsinki Drug Research, FinMedchem, BBBB and PharmSciFair symposia), courses, seminars and discussions</li> <li>• Grants and awards (Albert Wuokko Award)</li> <li>• Participation in Federation of Finnish Learned Societies, EFMC and EUEPS platforms</li> </ul>
<b>President</b>	Prof. Dr Niklas SANDLER (Abo Akademi University)
<b>Secretary</b>	Dr Leena PELTONEN (University of Helsinki)
<b>EFMC-Delegate</b>	Jarkko RAUTIO (University of Eastern Finland)



The SCT promotes multidisciplinary knowledges in the major pharma R&D domains, particularly in Drug Design and Selection, Chemical Biology, Medicinal Chemistry, ADME-T. The society organises once a year an international meeting in Medicinal Chemistry covering the above mentioned topics, in addition to focused meetings for young researchers, spring and autumn workshops on dedicated topics. SCT allocates awards and grants, fostering young scientists' career in Medicinal Chemistry.

### Mission

### Founded

### Members

### Postal address

### Telephone

### Fax

### E-mail - Website

### Activities

1966  
513  
Université de Paris Sud  
Centre d'Etudes Pharmaceutiques  
5, rue Jean-Baptiste Clément  
92296 Chatenay-Malabry, France  
+33 1 46 835 684  
+33 1 46 835 323  
sct@sct-asso.fr - www.sct.asso-fr

### Awards & Prizes:

- Paul Ehrlich Prize, sponsored by Janssen-Cilag
- Pierre Fabre Award for Therapeutic Innovation, sponsored by Pierre Fabre Médicament
- Best Oral Presentation and Best Posters Prizes at Young Research Fellows Meeting (JJC), sponsored by SCT
- Prize «Vocation for Medicinal Chemistry», sponsored by Servier
- Prize for «Encouraging Research in Medicinal Chemistry», sponsored by Servier
- Best Poster Prizes at RICT, sponsored by SCT

### Publishing activities:

- Scientific editing of The European Journal of Medicinal Chemistry, Elsevier, 1 issue per month

### Organisation of meetings and conferences:

- **23rd Young Research Fellows Meeting** (February 15-17, 2016), Faculty of Pharmacy, Lille, France
- **Frontiers in Medicinal Chemistry 2016** (March 13-16, 2016), Bonn, Germany
- **52nd International Conference on Medicinal Chemistry (RICT 2016)** (July 6-8, 2016), Caen (Normandy), France

Prof. Janos SAPI (University of Reims Champagne-Ardenne)  
Dr Luc VAN HUFTE (NovAliX)  
Dr Pascal GEORGE (Independent Scientific Expert and Adviser)  
Prof. Alain GUEIFFIER (University of Tours)  
Prof. Christian CAVÉ (University Paris Sud 11)  
Prof. Janos SAPI (Université de Reims Champagne-Ardenne)

### President

### Vice-President

### Past President

### Secretary

### Treasurer

### EFMC-Delegate

# GERMANY (GDCh)



## Division of Medicinal Chemistry of the German Chemical Society (GDCh)

<b>Mission</b>	To foster the whole area of Medicinal Chemistry in University and Pharmaceutical Industry. The Division builds an interdisciplinary bridge between Chemistry, Biology, Medicine and Pharmacy.
<b>Founded</b>	1971 at Karlsruhe, Germany
<b>Members</b>	870
<b>Member profile</b>	Trade and Industry: 60% Research Institute and University: 35% Other: 5%
<b>Postal address</b>	Varrentrappstr. 40-42 60486 Frankfurt am Main, Germany
<b>Telephone</b>	+49697917499
<b>Fax</b>	+496979171499
<b>E-mail</b>	s.kuchner@gdch.de
<b>Website</b>	www.gdch.de/medchem.be
<b>Activities</b>	Annual meetings, interdisciplinary symposia, scientific publications, award.  • <b>Frontiers in Medicinal Chemistry 2016</b> (March 13-16, 2016), Bonn, Germany
<b>President</b>	Dr Karl-Heinz BARINGHAUS (Sanofi)
<b>EFMC-Delegate</b>	Dr Franz VON NUSSBAUM (Bayer Pharma AG)
<b>NAO Secretariat</b>	GDCh (Division of Medicinal Chemistry)

# GERMANY (DPhG)



## German Pharmaceutical Society, Section of Pharmaceutical/Medicinal Chemistry

45

NATIONAL ADHERING ORGANISATIONS

To foster the whole area of Medicinal Chemistry in University and Pharmaceutical Industry by annual meetings, awards and activities related to the education in Medicinal Chemistry.

### Mission

1985  
679

### Founded Members

Trade and Industry: 20%  
University: 60%  
Others: 20%

### Member profile

Hamburger Allee 26-28  
60486 Frankfurt am Main  
Germany

### Postal address

+49 69 7191596 0  
+49 69 7191596 29

### Telephone Fax

info@dphg.de  
www.dphg.de

### E-mail Website

Annual awards in Medicinal Chemistry (Germany), cooperations with other organisations, support of the education in Medicinal Chemistry, annual meetings.

### Activities

- **Frontiers in Medicinal Chemistry 2016**  
(March 13-16, 2016), Bonn, Germany

Prof. Dr Peter GMEINER  
(Universität Erlangen-Nürnberg)

### President

Prof. Dr Bernd CLEMENT  
(Universität Kiel)

### EFMC-Delegate

DPhG  
(Section of Pharmaceutical/Medicinal Chemistry)

### NAO Secretariat



## GREECE

## Hellenic Society of Medicinal Chemistry



<b>Mission</b>	Advancement of research in Medicinal Chemistry and Drug Design, promotion of cooperation between scientists of related fields and consulting on relevant subjects.
<b>Founded</b>	1980
<b>Members</b>	107
<b>Member profile</b>	Trade and Industry: 20% Research Institute: 30% University: 40% Other: 10%
<b>Postal address</b>	School of Pharmacy Department of Pharmaceutical Chemistry University of Athens Panepistimiopolis Zografou 15771 Athens Greece
<b>Telephone</b>	+30 210 7274 813
<b>Fax</b>	+30 210 7274 747
<b>E-mail</b>	mikros@pharm.uoa.gr
<b>Website</b>	Website <a href="http://www.hsmc.gr/">http://www.hsmc.gr/</a>
<b>Activities</b>	Symposia, seminars, consulting, supporting young researchers.
<b>President</b>	Assoc. Prof. Dr Emmanuel MIKROS (Hellenic Society Of Medicinal Chemistry)
<b>Secretary</b>	Assist. Prof. Dr Manolis FOUSTERIS (University of Patras)
<b>Treasurer</b>	Assis. Prof. Grigoris ZOIDIS (University of Athens)
<b>EFMC-Delegate</b>	Assoc. Prof. Dr Emmanuel MIKROS (Hellenic Society Of Medicinal Chemistry)



## Organic and Medicinal Chemistry Division (OMCD) of the Hungarian Chemical Society (HCS)

The dissemination of results and particularly of new trends in Organic and Medicinal Chemistry among Hungarian scientists.

**Mission**

1907 (HCS)  
300 (Medicinal Chemistry oriented members of the OMCD)

**Founded  
Members**

Trade and Industry: 40%  
Research Institute: 20%  
University: 30%  
Others: 10%

**Member profile**

Hattyú u. 16  
HU-1015 Budapest  
Hungary

**Postal address**

+36 1 201 68 83  
+36 1 201 80 56

**Telephone  
Fax**

mail@mke.org.hu  
www.mke.org.hu

**E-mail  
Website**

Regular organisation of conferences, seminars and lectures in various fields of Medicinal Chemistry. Encouragement and initiating the development of new generations of scientists working in this field. Bimonthly seminars by invited scientists in the field of Medicinal Chemistry.

**Activities**

Prof. Dr János WÖLFLING  
(University of Szeged)

**President**

Prof. Dr János WÖLFLING  
(University of Szeged)

**EFMC-Delegate**

HCS  
(Organic and Medicinal Chemistry Division (OMCD))

**NAO Secretariat**



## The Medicinal Chemistry Section of the Israel Chemical Society

<b>Mission</b>	To organise and to foster the interaction between medicinal chemists in academia, industry and drug dispensing institutions, in an independent Association devoted to education, research and development of Medicinal Chemistry through meetings and workshops, and to represent the Association at the national level, at the EFMC, and at related international levels. The Association is open for membership to molecular biologists, pharmacologists and pharmacists.
<b>Founded</b>	1991, 2004 - united with the Israely Association for Medicinal Chemistry
<b>Members</b>	200
<b>Member profile</b>	Trade and Industry: 35% Research Institute and University: 60% Other: 5%
<b>Postal address</b>	Dr. Raphael Nudelman Non-Clinical Safety Department Teva Pharmaceutical Industries Ltd. 12 Haterufa St., P.O. Box 8077 42504 Netanya Israel
<b>Telephone</b>	+972 39166142, cell: +972 54 8886119
<b>Fax</b>	+972 39166361
<b>E-mail</b>	raphael.nudelman@teva.co.il
<b>Website</b>	www.mcs-ics.org.il
<b>Activities</b>	The Association holds Symposia and annual scientific meetings. Promotion of Symposia on new vistas in drug research and workshops on progress in instrumental drug analysis in collaboration with partner societies in the EU, and representation of the Association at the EFMC and related international bodies.
<b>President</b>	Dr Raphael NUDELMAN (Teva Pharmaceutical Industries)
<b>Vice-President</b>	Dr Arie Lev GRUZMAN (Bar-Ilan University)
<b>EFMC-Delegate</b>	Dr Raphael NUDELMAN (Teva Pharmaceutical Industries)
<b>NAO Secretariat</b>	Dr Dmitry TSVELIKHOVSKY (The Hebrew University of Jerusalem)



## Division of Medicinal Chemistry of the Italian Chemical Society (Società Chimica Italiana)

To improve Medicinal Chemistry in academia and industry by promoting contacts and collaboration between researchers working in this and related fields with the aim to propose and develop projects to advance Medicinal Chemistry; to organise national and international meetings, interdisciplinary symposia and advanced schools to spread knowledge in drug development; to distribute awards and grants that encourage junior scientists to pursue research in Medicinal Chemistry; to cooperate with similar associations in the country and abroad.

**Mission**

1979

**Founded**

600

**Members**

Trade and Industry: 13%, Research Institute: 5,5% , University: 81%  
Other: 0,5%

**Member profile**

Università degli Studi di Parma-Department of Pharmacy  
Viale Area delle Scienze 27/A- 43124 Parma (Italy)

**Postal address**

+39 338 399 77 96 / +39 916 161 606  
gabriele.costantino@unipr.it  
<http://portale.unipa.it/home/>

**Telephone / Fax****E-mail****Website**

- **33rd Camerino-Cyprus Symposium : «Receptor Chemistry: Reality and Vision»**  
(May 15-19, 2016), Camerino, Italy
- **European School of Medicinal Chemistry (ESMEC) EFMC Accredited School**  
(June 26 - July 1, 2016), Urbino, Italy
- **21st EuroQSAR - 21st European Symposium on Quantitative Structure-Activity Relationship - Where Molecular Simulations Meet Drug Discovery**  
(September 4-8, 2016), Verona, Italy
- **24th National Meeting on Medicinal Chemistry/NPCF (Nuove Prospettive in Chimica Farmaceutica)**  
(September 11-14, 2016), Perugia, Italy
- **SSPA (Summer School on Pharmaceutical Analysis) Advanced Analytical Methodologies for Biotechnological and Biological Medicinal Products**  
(September 21-23, 2016), Rimini, Italy

**Activities**

Prof. Gabriele COSTANTINO (Università degli Studi di Parma)  
Prof. Gianluca SBARDELLA (University of Salerno)  
Prof. Roberto DI SANTO (University of Rome 'La Sapienza')  
Prof. Gabriele COSTANTINO (Università degli Studi di Parma)

**President****Secretary****Treasurer****EFMC - Delegate**

**Latvian Association for Medicinal Chemistry**

**Founded** 1992  
**Members** 12

**Member profile** Research Institute and University: 83%  
Other: 17%

**Postal address** Latvian University  
Institute of Microbiology and Biotechnology  
4-402 Kronvalda Boulevard  
1586 Riga  
Latvia

**Telephone** +371 670 34 890  
**Fax** +371 673 23 065

**E-mail** vina@lanet.lv

**Activities** Promotion of Medicinal Chemistry

**President** Dr Ilmara VINA  
(Latvian University)

**EFMC-Delegate** Prof. Dr Gunars DUBURS  
(Latvian Institute of Organic Synthesis)

# THE NETHERLANDS



## Section Medicinal Chemistry, Royal Netherlands Chemical Society (KNCV)

51

NATIONAL ADHERING ORGANISATIONS

To promote scientific research and education in the area of Medicinal Chemistry. To bring together scientists in the field and to offer them a platform for discussion and exchange of ideas. To identify talent in the field. To organise meetings in the field.

### Mission

28<sup>th</sup> August 1970  
274 (including student members)  
Trade & Industry: 20%  
Research Institute: 10%  
University: 40%  
Other: 30%

### Founded

### Members

### Member profile

Dr P. Molenveld (secretary)  
Mercachem

### Postal address

Kerkenbos 1013, 6546 BB Nijmegen  
P.O. Box 6747

6503 GE Nijmegen The Netherlands  
+31 (0)24 372 33 55  
+31 (0)24 372 33 05

### Telephone

### Fax

### E-mail

### Website

### Activities

peter.molenveld@mercachem.com

[www.kncv.nl/sectie-farmacochemie/information.8541.lynx](http://www.kncv.nl/sectie-farmacochemie/information.8541.lynx)

Organisation of one Annual Scientific Meeting (1 day).

Co-organisation of Dutch Medicine Days (FIGON) (1 days).

Co-organisation of Annual NWO Platform Meeting.

Co-organisation of sessions at KNCV Winter/Summer Congress.

Participation in KNCV, NWO, FIGON and EFMC platforms.

Dutch Medicinal Chemistry Award every 2 years for the best Dutch Ph.D. thesis in the field.

- **Spring Symposium - New Targets: Discovery and Screening**  
(March 18, 2016), Utrecht, The Netherlands

- **XXVII European Colloquium on Heterocyclic Chemistry**  
(July 3-6, 2016), Amsterdam, The Netherlands

- **FIGON Dutch Medicines Days 2016**

(October 2016), to be determined, probably Ede, The Netherlands

Prof. Dr Roland PIETERS (Utrecht University)

### President

Dr Frank DEKKER (University of Groningen)

### Treasurer

Prof. Dr Henk TIMMERMAN

### Member

Dr Peter MOLENVELD (MERCACHEM)

### EFMC-Delegate



# POLAND

## Polish Society of Medicinal Chemistry



**Mission** Basis for mutual contacts and integration for scientists who represent different profile of their activity in the following areas of Medicinal Chemistry: Organic and Bioorganic Synthesis, Analytical Chemistry, Computational Chemistry, Biochemistry, Pharmacology, Molecular Biology, Biotechnology, Pharmaceutical Biotechnology, Pharmacy and Medicine.

**Founded** 2006  
**Members** 50

**Postal address** Jagiellonian University  
 Medical College, Pharmacy Faculty  
 Medyczna 9  
 30-688 Kraków  
 Poland

**Telephone** +48 12 620 55 81; +48 12 620 55 80  
**Fax** +48 12 620 55 96

**E-mail** ptchm@ptchm.pl  
**Website** www.ptchm.pl

**Activities**

- Organisation of meetings where various theoretical and practical topics of drug research and development are discussed.
- Participation in organisation of national and international conferences on Medicinal Chemistry.
- Propagation of news and information on Medicinal Chemistry activity in the scientific society interested in Medicinal Chemistry.

- **8th Polish Meeting on Medicinal Chemistry**  
 (September 15-17, 2016), Lublin, Poland

**Executive Committee**

Prof. Dr Andrzej BOJARSKI  
 Prof. Dr Janina KAROLAK-WOJCIECHOWSKA  
 Prof. Dr Katarzyna KIEC-KONONOWICZ  
 Prof. Dr Dariusz MATOSIUK  
 Dr Marek ZYLEWSKI

**EFMC-Delegate** Prof. Dr Katarzyna KIEC-KONONOWICZ  
 (Jagiellonian University)



## Group of Medicinal Chemistry of the Portuguese Chemical Society

To diffuse the knowledge of Medicinal Chemistry. To foster interdisciplinary bridges between Chemistry, Biology, Medicine and Pharmacy. To encourage research among young students.

To promote the interaction between medicinal chemists in academia and professionals in industry.

### Mission

2007  
239

**Founded**  
**Members**

Sociedade Portuguesa de Química  
Av. da República, 37-40  
1050-187 Lisboa  
Portugal

### Postal address

+351 21 793 4637  
+351 21 795 2349

**Telephone**  
**Fax**

sede@spq.pt  
www.spq.pt

**E-mail**  
**Website**

- Assisting and promoting regular courses in Medicinal Chemistry targeted for (undergraduated and postgraduated) students.

- Organisation of short meetings and seminars on recent advances in Medicinal Chemistry.
- National Meeting in Medicinal Chemistry is organised every two years.

### Activities

#### • 15th Iberian Peptide Meeting

(February 10-12, 2016), Porto, Portugal

• **Summer Course: Pharmaceutical Drugs: how to obtain, how do they work and why: a perspective in Pharmaceutical Medicinal Chemistry**

(July 22-22, 2016), Porto, Portugal

Prof. Matilde MARQUES (University of Lisbon)

**President**

Dr Maria M. SANTOS (University of Lisbon)

**Secretary**

Prof. Matilde MARQUES (University of Lisbon)

**EFMC-Delegate**

PCS (Group of Medicinal Chemistry)

**NAO Secretariat**

## RUSSIA

## The D.I. Mendeleev Russian Chemical Society Medicinal Chemistry Section



<b>Mission</b>	Education in Medicinal Chemistry. Organisation of regular scientific seminars.
<b>Founded</b>	2000
<b>Members</b>	150
<b>Member profile</b>	Research Institute: 50% University: 40% Other: 10%
<b>Postal address</b>	IPAC RAS Severnoy pr. 1. 142432 Chernogolovka Russia
<b>Telephone</b>	+ 7 095 939 1620; +7 496 524 9508
<b>Fax</b>	+ 7 095 939 0290; +7 496 524 9508
<b>E-mail</b>	zefirov@org.chem.msu.ru bachurin@ipac.ac.ru
<b>Activities</b>	Organising regular and specific seminars in Medicinal Chemistry. Assisting in the organisation of regular courses for undergraduate students of Moscow State University in Medicinal Chemistry. Providing interaction between Russian academician research in the field of Medicinal Chemistry and industrial institutions.
<b>President</b>	Prof. Dr Nikolay S. ZEFIROV (Moscow State University)
<b>Vice-President</b>	Prof. Sergey BACHURIN (Institute of Physiologically Active Compounds)
<b>EFMC-Delegate</b>	Prof. Sergey BACHURIN (Institute of Physiologically Active Compounds)



To establish communication and co-operation between academia and industry, promote scientific research and education in the area of Medicinal Chemistry and encourage research among young students through meetings, seminars and workshops.

**Mission**

62 **Members**

Industry 6%  
Research Institute and University 86%  
Others 4%

**Member profile**

Karnegijeva 4  
11120 Belgrade  
Serbia

**Postal address**

+381 11 3370 467  
+381 11 3370 467

**Telephone****Fax**

office@shd.org.rs  
www.shd.org.rs

**E-mail****Website**

Promotion of Medicinal Chemistry by academy-industry interaction, co-operations with other organisations and support of the education in Medicinal Chemistry.

**Activities**

- **53rd Meeting of Serbian Chemical Society**  
(June 2016), Belgrade, Serbia

Prof. Dr Miroslav J. GASIC  
(Serbian Academy of Sciences and Arts)

**President**

Dr Mario ZLATOVIC  
(Faculty of Chemistry University of Belgrade)

**Secretary**

Prof. Dr Miroslav J. GASIC  
(Serbian Academy of Sciences and Arts)

**EFMC-Delegate**

## SLOVENIA



## Section for Medicinal Chemistry of the Slovenian Pharmaceutical Society

<b>Mission</b>	The mission of the Section for Medicinal Chemistry of the Slovenian society is the advancement and promotion of Medicinal Chemistry in Slovenia and Europe. It will pursue its mission by organising scientific meetings, schools and working-group in order to encourage discussions and exchange of ideas in the field of Medicinal Chemistry. This section will cooperate with similar associations in the country and abroad.
<b>Founded</b>	23 February 2004
<b>Members</b>	30
<b>Member profile</b>	Trade and Industry: 20 % Research Institute: 15 % University: 60 % Others: 5 %
<b>Postal address</b>	University of Ljubljana Faculty of Pharmacy Aškerceva 7 1000 Ljubljana Slovenia
<b>Telephone</b>	+ 386 1 476 96 39
<b>Fax</b>	+386 1 425 80 31
<b>E-mail</b>	marko.anderluh@ffa.uni-lj.si
<b>Website</b>	www.sfd.si
<b>Activities</b>	<ul style="list-style-type: none"> <li>• <b>41st General Meeting of the Slovenian Pharmaceutical Society</b> (May 12-14, 2016), Portoroz, Slovenia</li> <li>• <b>3rd Meeting of Slovenian Medicinal Chemists</b> (September 23, 2016), University of Ljubljana, Faculty of Pharmacy</li> </ul>
<b>President</b>	Prof. Dr Marko ANDERLUH (University of Ljubljana)
<b>EFMC-Delegate</b>	Prof. Dr Danijel KIKELJ (University of Ljubljana)



To assist in the development and improvement of research and training in the different areas of Medicinal Chemistry throughout Spain.

**Mission**

1977  
400

**Founded  
Members**

Trade & Industry: 25%  
Research Institute: 30%  
University: 35%  
Other: 10%

**Member profile**

Juan de la Cierva,3  
28006 Madrid  
Spain

**Postal address**

+34 91 56 22 900 - +34 91 56 44 853  
seqt@iqm.csic.es - www.seqt.org

**Telephone - Fax  
E-mail - Website**

Supporting the participation of young researchers at meetings and other educational events. Organising symposia on topics related with research and education towards the discovery of new drugs.  
Sponsoring the Spanish Society of Medicinal Chemistry Award.  
Administering seven Awards addressed to young scientists to acknowledge outstanding research in the field of Medicinal Chemistry.

**Activities**

Prof. Pilar GOYA LAZA  
(Instituto de Química Médica)

**President**

Dr Eva María PRIEGO  
(Institut de Química Médica)

**Secretary**

Dr Sara PRECIADO GALLEGO  
(Enantia)

**Treasurer**

Prof. Pilar GOYA LAZA  
(Instituto de Química Médica)

**EFMC-Delegate**

SEQT  
(Sociedad Española de Química Terapéutica)

**NAO Secretariat**



# SWEDEN



## The Swedish Academy of Pharmaceutical Sciences Section for Medicinal Chemistry

<b>Mission</b>	To strengthen the Medicinal Chemistry Discipline through the arrangement of conferences, seminars and other educational initiatives.
<b>Founded</b>	1972
<b>Members</b>	237
<b>Member profile</b>	Trade & Industry: 70% Research Institute: 1% University: 19% Other: 10%
<b>Postal address</b>	Wallingatan 26A SE Stockholm Sweden
<b>Telephone</b>	+46 8 723 50 00
<b>Fax</b>	+46 8 20 55 11
<b>E-mail</b>	carlos.vaca.falconi@lakemedelsakademin.se
<b>Website</b>	www.swepharm.se
<b>Activities</b>	<b>Symposia, seminars, courses.</b> <ul style="list-style-type: none"> <li>• <b>Frontiers in Antibiotic Drug Discovery</b> (September 14-15, 2016), Stockholm, Sweden</li> <li>• <b>Drug Discovery Beyond the Rule of Five</b> (October 18-19, 2016), Mölndal, Sweden</li> </ul>
<b>President</b>	Prof. Dr Anders KARLÉN (Uppsala University)
<b>Secretary/Treasurer</b>	Anna-Lena GUSTAVSSON (Karolinska Institutet)
<b>Secretary</b>	Dr Carlos VACA FALCONI (Swedish Academy of Pharmaceutical Sciences)
<b>EFMC-Delegate</b>	Prof. Dr Anders KARLÉN (Uppsala University)



# SWITZERLAND

## Division for Medicinal Chemistry & Chemical Biology (DMCCB)

59

NATIONAL ADHERING ORGANISATIONS

The DMCCB groups Swiss scientists active in medicinal chemistry, chemical biology and related fields of research. It organizes scientific events such as the Basel mini-symposiums, the Medicinal Chemistry and Chemical Biology session of the SCS annual meeting.

Every second year, it co-organizes the Frontiers in Medicinal Chemistry congress with the German GDCh, as well as symposiums with the French SCT. The DMCCB also offers a bi-annual Medicinal Chemistry Course which takes place in Leysin, Switzerland.

### Mission

1990  
750

**Founded  
Members**

Trade & Industry: 75%  
University: 15 %  
Other: 10%

### Member profile

Laupenstrasse 7  
3008 Bern  
Switzerland

### Postal address

+41 31 310 40 90  
+41 31 310 40 29

**Telephone  
Fax**

info@scg.ch  
<https://www.scg.ch>

**E-mail  
Website**

- **12th Swiss Course on Medicinal Chemistry**  
(October 9-14, 2016), Leysin, Switzerland

### Activities

Dr Yves P. AUBERSON (Novartis Institute for BioMedical Research)

**President**

Dr Georg JAESCHKE (F. Hoffmann-La Roche Ltd.)

**EFMC-Delegate**

DMCCB (Division of Medicinal Chemistry & Chemical Biology)

**NAO Secretariat**

# TURKEY

## Turkish Association of Medicinal and Pharmaceutical Chemistry



<b>Mission</b>	Establish communication and cooperation between the members. Establish policies in Medicinal Chemistry teaching and research in the country. Organise scientific meetings and conferences, get in touch with international related bodies.
<b>Founded</b>	1994
<b>Members</b>	170
<b>Member profile</b>	Academics: 100%
<b>Postal address</b>	Department of Pharmaceutical Chemistry Faculty of Pharmacy - Gazi University 06330 Ankara Turkey
<b>Telephone</b>	+ 90 312 305 18 72
<b>Fax</b>	+ 90 312 305 18 72
<b>E-mail</b>	rsimsek@hacettepe.edu.tr
<b>Website</b>	www.medchem.org www.turkmedchem.org
<b>Activities</b>	Organising meetings and conferences.
<b>President</b>	Prof. Dr Erhan PALASKA (Hacettepe University)
<b>Vice-President</b>	Prof. Dr Ayla BALKAN (Hacettepe University)
<b>Secretary</b>	Prof. Dr Rahime SIMSEK (Hacettepe University)
<b>Treasurer</b>	Dr Deniz DOGRUER (Gazi University)
<b>Member</b>	Prof. Dr Meral TUNÇBILEK
<b>Member</b>	Research Assis. Yusuf ÖZKAY
<b>EFMC-Delegate</b>	Prof. Dr Erhan PALASKA (Hacettepe University)



## The Biological and Medicinal Chemistry Sector (BMCS) of the Royal Society of Chemistry (RSC)

61

NATIONAL ADHERING ORGANISATIONS

The BMCS aims to further the interests of all members of the RSC, both industrial and academic, involved in the pursuit and understanding of biologically active molecules. It also acts to promote public awareness of the crucial role played by chemistry in the modern industrial environment.

### Mission

1995 (Formerly Fine Chemicals & Medicinals Group)  
1185

### Founded

### Members

Academia + Industry

### Member profile

Stuart Cameron - Peakdale Molecular Ltd. - Peakdale Science Park  
Sheffield Road, Chapel-en-le-Frith  
SK23 0PG High Peak United Kingdom  
+44 (1298) 816 700 Ext. 6841 / +44 (1298) 816 701

### Postal address

### Telephone - Fax

<http://www.rsc.org/bmcs>

### E-mail - Website

The Biological and Medicinal Chemistry Sector (BMCS) is an interest group of the Royal Society of Chemistry (RSC) in the UK. The annually elected committee is primarily responsible for the organisation of Scientific Meetings and Symposia, supporting educational activities in the UK, and advising the Society on policies that directly affect the BMCS. Specifically, the BMCS aims to further the interests of all members of the RSC, both industrial and academic, involved in the pursuit and understanding of biologically active molecules. The predominant areas include pharmaceuticals, agrochemicals, flavours and fragrances. It also acts to promote public awareness of the crucial role played by chemistry in the modern industrial environment.

### Activities

The BMCS is particularly active in the organisation of Scientific Meetings and does so in collaboration with a wide variety of other groups both within and external to the RSC. In recent years the BMCS has been especially active in promoting some of the important interfacial areas in which chemists are intimately involved. We typically run several meetings each year jointly with the Society for Chemical Industry but we have also held internationally attended meetings with groups the EFMC, the Swedish Pharmaceutical Society, the Swiss Chemical Society and the Societe de Chimie Therapeutique since 2013. Overall we organise up to ten scientific meetings each year. The BMCS also supports educational activities at both primary and secondary school level, such as the running of lectures and day schools, and the provision of equipment.

The BMCS administers two biennial awards, the Malcolm Campbell Award and the Capps-Green-Zomaya Award, which acknowledge major scientific achievements in both academia and industry that have been carried out within the UK. In addition the BMCS publicises medicinal chemistry at universities by funding a 'BMCS Lectureship' and also promote and also provide travel bursaries for UK-based postgraduate students undertaking research in medicinal chemistry to attend international symposia.

- **3rd symposium on New Perspectives in DMPK**  
(February 8-9, 2016), RSC, London, UK
- **The BMCS Mastering MedChem II**  
(March 9, 2016), University of Huddersfield, Huddersfield, UK
- **3rd National Retrosynthesis Competition 2016**  
(March 11, 2016), RSC, London, UK
- **RSC/SCI symposium on Continuous Flow Technology III**  
(March 14-16, 2016), Cambridge, UK
- **5th RSC/SCI symposium on Ion Channels as Therapeutic Targets**  
(March 14-15, 2016), Wellcome Trust Conference Centre, Cambridge, UK
- **Joint RSC-BMCS and RSC-H&SG Meeting on Synthesis in the Agrisciences**  
(April 14, 2016), RSC, London, UK
- **27th symposium on Medicinal Chemistry in the East of England**  
(April 21, 2016), Fielder Centre, Hatfield, UK
- **7th RSC/SCI symposium on Kinase inhibitor design**  
(May 16, 2016), Nottingham, UK
- **6th RSC/SCI symposium on GPCRs in Medicinal Chemistry**  
(June 13-15, 2016), Aptuit, Verona, Italy
- **XXIV EFMC International Symposium on Medicinal Chemistry (EFMC-ISMC 2016)**  
(August 28 - September 1, 2016), Manchester, UK
- **2nd Anglo-Croatian Medicinal Symposium on Macrocycles: Medicinal Chemistry and Beyond-the-rule-of-five**  
(October 17-18, 2016), Fidelta, Zagreb, Croatia
- **5th RSC/SCI symposium on Challenges in Catalysis**  
(November 2, 2016), The RSC at Burlington House, London, UK
- **Plugging the Antibiotics Gap: A Medicinal Chemist's Perspective**  
(November 16, 2016), Manchester Science Park at Alderley Park, Manchester, UK
- **10th BMCS Postgraduate Symposium**  
(December 7, 2016), University of Cambridge, UK
- **19th Cambridge Medicinal Chemistry Symposium**  
(September 10-13, 2017), Churchill College, Cambridge, UK

<b>President</b>	Dr Phil JONES (University of Dundee)
<b>Secretary</b>	Dr Stuart CAMERON (Peakdale Molecular Ltd)
<b>EFMC-Delegate</b>	Dr David ALKER (Dave Alker Associates)

An alphabetical list of pharmaceutical companies, as well as manufacturers and suppliers of products and services for Medicinal Chemistry in Europe

3B PHARMACEUTICALS GMBH	Magnusstraße 11	12489	BERLIN	DE
3M BELGIUM	Canadastraat 11, Haven 1005	2070	ZWIJNDRECHT	BE
3V-LSI	Rubicondreef 18	3561 JC	UTRECHT	NL
4SC AG	Am Klopferspitz 19a	82152	MARTINSRIED	DE
A & D INSTRUMENTS LTD	Abingdon Science Park	OX14 3YX	ABINGDON	GB
ABBVIE DEUTSCHLAND GMBH & CO. KG	Knollstrasse	67061	LUDWIGSHAFEN	DE

### ABCR GMBH



Im Schleherth 10  
76187 Karlsruhe, GERMANY  
**Contact person:** Dr. Tobias Jochum  
Tel: +49 721 95061-0 - [info@abcr.de](mailto:info@abcr.de)  
[www.abcr.de](http://www.abcr.de)

Gute Chemie. Welcome to **abcr**.

With **abcr**, you have access to over 260,000 products from the organic, organometallic and inorganic specialty chemicals area. These can be conveniently ordered via our webshop.

- > Catalogue & Bulk business from grams to tons
- > Sourcing & Logistic management worldwide
- > Scale up & Commercial manufacturing from our own facility
- > Custom syntheses & Contract manufacturing
- > Synthesis & Feasibility studies at the laboratory scale

ABSORPTION SYSTEMS	440 Creamery Way Suite 300	PA 19341	EXTON	US
AC IMMUNE SA	EPFL Innovation Park Building B	1015	LAUSANNE	FR
ACCELA CHEMBO	9823 Pacific Heights Blvd # F	92121	SAN DIEGO	US
ACRAF S.P.A.	Piazzale della Stazione	40	S. PALOMBA - POMEZIA	IT
ACROS ORGANICS	Janssen Pharmaceuticaalcaan 3a	2440	GEEL	BE
ACS	1155 16th St., NW	20036	WASHINGTON	US
ACTELION PHARMACEUTICALS LTD.	Gewerbestrasse 16	4123	ALLSCHWIL	CH
ACTIVE BIOTECH AB	Scheelevägen 22, P.O. Box 724	220 07	LUND	NL
ACTIVE MOTIF	Avenue Franklin Roosevelt 104 Box 25	1330	RIXENSART	BE

### ACTIVATE SCIENTIFIC



Am Mitterweg 12 - D-83209 Prien - GERMANY  
21A The Maltings, Roydon Rd - Hertfordshire SG12 8HG - UK  
**Contact person:** Christina Svoboda  
[info@activate-scientific.com](mailto:info@activate-scientific.com)  
Tel: +49-(0)8051-9651660 / +44-(0)1279-843244  
Fax: +49-(0)8051-9651661 / +44-(0)19208-72645  
[www.activate-scientific.com](http://www.activate-scientific.com)

Great Molecules for Chemical Diversity

Activate Scientific is a Catalogue supplier of multifunctional heterocyclic building blocks and complex scaffolds, specialized in the field of medicinal chemistry drug discovery. Our catalogue offers 32,000 great molecules for chemical diversity, which are readily available from stock through our offices in the UK and Germany.

ADAMS HEALTHCARE	Lotherton Way Garforth	LS25 2JY	LEEDS	GB
ADVANCED CHEMISTRY DEVELOPMENT, INC.	8 King Street East, Suite 107	MSC 1B5	TORONTO	US
ADVION INC.	10 Brown Road Suite 101	NY 14850	ITHACA	US
AETERNA ZENTARIS GMBH	Weismüllerstraße 50	60314	FRANKFURT/MAIN	DE
AFLEX HOSE LTD	Spring Bank Industrial Estate Watson Mill Lane - Sowerby Bridge	HX6 3BW	HALIFAX	GB



AGC CHEMICALS EUROPE, LTD.	World Trade Center, Zuidplein 80 - H Tower	1077 XV	AMSTERDAM	NL
AGC SI-TECH.CO.	13-1 Kitamino-Machi Wakamatsu-Ku	808-0027	KITAKYUSU	JP
AGFA GEVAERT NV	Septestraat 27	2640	MORTSEL	BE
AICURIS GMBH & CO. KG	Friedrich-Ebert-Str. 475 Building 302	42117	WUPPERTAL	DE
AJINOMOTO PHARMACEUTICALS CO., LTD.	1-1 Suzukicho, Kawasakiku, Kawasakishi	210-8681	KANAGAWA	JP
ALBEMARLE EUROPE	Rue du Bosquet 9	1300	LOUVAIN-LA-NEUVE	BE
ALCON LABS	R2-43 6201 South Fwy	76134	FORT WORTH, TX	US
ALDEVRON FREIBURG GMBH	Waltershofener Strasse 17	79111	FREIBURG	DE
ALFA AESAR	Orchard Road	SG8 5HE	ROYSTON HERTFORDSHIRE	GB
ALFA LAVAL TUMBA AB	Hans Stahles vag	14780	TUMBA	SE
ALLERGAN, INC	2025 Dupont Drive	CA 92612	IRVINE	US
ALLNEX BELGIUM	Anderlechtstraat 33	1070	DROGENBOS	BE
ALLTECH GROM GMBH	Elzriesenstrasse 37	72108	ROTTENBURG-HAILFINGEN	DE
ALMAC DISCOVERY LTD	20 Seagoe Industrial Estate	BT63 5QD	CRAIGAVON	GB
ALMIRALL S.A.	Ronda General Mitre 151	8022	BARCELONA	ES
ALTEXA DEVELOPMENT	11, Avenue Princesse Grace	98000	MONTE CARLO	MC
AMAKEM NV	Bioville Agoralaan A Bis	3590	DIEPENBEK	BE
AMGEN INC.	One Amgen Center Drive	CA 91320-1799	THOUSAND OAKS	US
AMPAC FINE CHEMICALS	PO Box 1718, MS 1007	CA 95741	RANCHO CORDOVA	US
ANALYTICON DISCOVERY GMBH	Hermannswerder Haus 17	14473	POTSDAM	DE
ANAMAR AB	Solveg. 41	22370	LUND	SE
ANSELL OCCUPATIONAL HEALTHCARE	Wijingaardveld 34 C	9300	AALST	BE
ANTABIO	Rue Pierre et Marie Curie BP 28262	31670	LA BERGE	FR
APPLESHAW ASSOCIATES	7 Ryhill Way	RG6 RAZ	EARLEY	GB
APTUIT VERONA SRL	Via Fleming N4	37135	VERONA	IT
ARMFIELD LTD	Bridge House West Street	BH24 1DY	RINGWOOD	GB
ARQUE	19 Presidential Way	MA 01801-5140	WOBURN	US
ARRAY BIOPHARMA	3200 Walnut Street	CO 80301	BOULDER	US
ASINEX	20 Geroev Panfilovtzev, building 1	125480	MOSCOW	RU
ASTELLAS PHARMA B.V.	Sylviusweg 62	2333 BE	LEIDEN	NL
ASTEX PHARMACEUTICALS	436 Cambridge Science Park Milton Road	CB4 0WE	CAMBRIDGE	GB
ASTRA ZENECA PLC	15 Stanhope Gate	W1K 1LN	LONDON	GB
ASUBIO PHARMA	6-4-3 Minatojima-Minamimachi, Chuo-ku	650-0047	KOBE	JP
ASYNT	Unit 29 Hall Barn Industrial Estate	CB7 5RJ	ISLEHAM, CAMBS	GB
ATLANCHIM PHARMA	3 rue Aronmax	44800	SAINT-HERBLAIN	FR
AUREUS SCIENCES	118-122 avenue de France	75013	PARIS	FR
AVID RADIOPHARMACEUTICALS	3711 Market Street 7th Floor	19104	PHILADELPHIA	US
AXYNTIS	45 Rue Pommard	75012	PARIS	FR
BAC BV	JH Oortweg 21	2333CH	LEIDEN	NL
BACHEM AG	Hauptstrasse 144	4416	BUBENDORF	CH
BASF AG	Carl-Bosch-Straße 38	67056	LUDWIGSHAFEN	DE
BASF CROP PROTECTION	N2, 4	68161	MANNHEIM	DE
BASILEA PHARMACEUTICA INTERNATIONAL AG	Grenzacherstr. 487	4058	BASEL	CH
BAYER CROSCIENCE AG	Industriepark Hoechst G 836	65926	FRANKFURT AM MAIN	DE
BCI PHARMA	26 rue debussy	34980	SAINT GELY DU FESC	FR
BENTHAM SCIENCE PUBLISHERS LTD.	P.O. Box 294	1400	AG BUSSUM	NL
BERTIN PHARMA	10 bis avenue ampère, Parc d'Activités du Pas du Lac	78180	MONTIGNY LE BRETONNEUX	FR
BIAL - PORTELA & CA	Avenida da Siderurgia Nacional, Apartado 19	4745 457	S. MAMEDE DO CORONADO	US
BIO PURE TECHNOLOGY LTD	17 South Street	PO9 1BU	HAVANT	GB
BIOALTERNATIVES	1bis, rue des Plantes	86160	GENÇAY	FR
BIOCELLVIA	35 rue Jean Fiolle	13006	MARSEILLE	FR
BIOCREA GMBH	Meissner Strasse 191	1445	RADEBEUL	DE
BIODIURO	Building E No. 29 Life Science Park Road	102206	CHANGPING DISTRICT BEIJING	CN
BIOENGINEERING AG	Sagenrainstrasse 7	8636	WALD	CH
BIOFOCUS	Chesterford Research Park	CB10 1XL	SAFFRON WALDEN	GB
BIOGAINA FERMENTATION AB	PO Box 965	22009	LUND	SE
BIOGENEX	49026 Milmont Drive	CA 94538	FREMONT	US
BIOBERICA SA	Plaza Francesc Macia 7	8029	BARCELONA	ES
BIOLINE UK INC	16 The Edge Business Centre Humber Road	NW2 6EW	LONDON	GB
BIOPHARMA PROCESS SYSTEMS	Winnall Valley Road Biopharma House	SQ23 0CD	WINCHESTER	GB
BIOPREDIC INTERNATIONAL	Parc d'Affaires de la Breteche Bât A4	35760	SAINT GREGOIRE	FR
BIOPROJET BIOTECH	4 rue du Chesnay Beauregard	35760	SAINT GREGOIRE	FR
BIORELIANCE LTD	Innovation Park Hillfields Road	FK9 4NF	STIRLING	GB

BIOSOLVE BV	Rue de Roger Husson 20	57260	DIEUZE	FR
BIOSOLVET	An der Ziegelei 79	53757	ST. AUGUSTIN	DE
BIOTAGE AB	Kungsgatan 76	75318	UPPSALA	SE
BIOTECHNIQUES	One Research Drive Suite 400A PO BOX 1070	MA 01581-1070	WESTBOROUGH,	US
BIOTEST AG	Landsteinerstrasse 5	63303	DREIEICH	DE
BISCHOFF ANALYSENTECHNIK GMBH	Boebingerstrasse 23	71229	LEONBERG	DE
BOEHRINGER INGELHEIM PHARMA	Birkendorfer Str. 65	88400	BIBERACH	DE
BRISTOL MYERS SQUIBB	345 Park Avenue	10154	NEW YORK	US
BRUKER DALTONIK GMBH	Fahrenheitstrasse 4	28359	BREMEN	DE
CALEVA PROCESS SOLUTIONS LTD	Butts Pond Industrial Estate		STURMINSTER NEWTON	GB
CAMAG	Sonnenmattstrasse 11	4132	MUTTENZ	DE
CAMBRIDGE CRYSTALLOGRAPHIC				
DATA CENTRE (CCDC)	12 Union Road	CB2 1EZ	CAMBRIDGE	GB
CAMBRIDGE MAJOR LABORATORIES	Vliesvenweg 1	6002NM	WEERT	NL
CAMBRIDGESOFT CORPORATION	100 Cambridge Park Drive	2140	CAMBRIDGE MA	US
CARBOGEN AMCIS AG	Schachenallee 29	5001	AARAU	CH
CARBOSYNTH LIMITED	889 Old Station Business Park, Compton	RG20 6NE	BERKSHIRE	GB
CARL ZEISS	Ikaroslaan 9	1930	ZAVENTEM	BE
CAYMAN PHARMA S.R.O.	ul. Práce 657	27711	NERATOVICE	CZ
CELERA GENOMICS	45 West Gude Drive	MD 20850	ROCKVILLE	US
CELGENE AVIOMICS RESEARCH	45 Wiggins Ave	MA 01730	BEDFORD	US
CELLZOME GMBH	Meyerhofstrasse 1	69117	HEIDELBERG	DE
CEM $\mu$ WAVES	Immeuble Ariane 4 rue René Raze	91400	SACLAY	FR
CENTRE DE RECHERCHE				
ET DÉVELOPPEMENT PIERRE FABRE				
CEREP	3 avenue Hubert Curien BP13562	31035	TOULOUSE	FR
CERTARA	Le Bois l'Évêque BP 30001	86600	CELLE L'ÉVESCAULT	FR
CFM OSKAR TROPITZSCH	Martin Kollar Strasse 17	81829	MUNCHEN	DE
CHARWOOD MOLECULAR LTD	Waldershof Str. 49-51	95615	MARKTREDWITZ	DE
CHELATEC - SAS	7, Beaumont Court Prince William Road	LE115DA	LOUGHBOROUGH	GB
CHEMBRIDGE CORPORATION	1 rue Aronnax	44821	SAINT-HERBLAIN	FR
CHEMI S.P.A.	11199 Sorrento Valley Rd. Suite 206	CA 92121	SAN DIEGO	US
CHEMICAL ABSTRACT SERVICE (CAS)	Via dei Lavoratori 54	20092	CINISELLO BALSAMO MI	IT
CHEMICAL COMPUTING GROUP INC	2540 Olentangy River Road, PO BOX 3012	43210-0012	OHIO COLUMBUS	US
CHEMISCHE FABRIK BERG GMBH	Sherbrooke Street West 1010, Suite 910	H3A 2R7	MONTREAL QUEBEC	CA
CHEMOCOPEIA PTY LTD	Mainthalstrasse 3	6749	BITTERFELD	DE
CHEMOSYNTHANV	157 Arnold Street	3054	PRINCES HILL, VIC	AU
CHIESI FARMACEUTICI S.P.A.	Gentstraat 58	8760	MEULEBEKE	BE
CHILWORTH TECHNOLOGY LTD	via Palermo 26/A	43122	PARMA	IT
CHIRAL TECHNOLOGIES EUROPE	Beta House Chilworth Science Park		SOUTHAMPTON	GB
CHROMACOL LTD	Bd Gonthier d'Andernach Parc d'Innovation	67400	ILLKIRCH	FR
CILAG AG	3 Mundells Industrial Centre, Welwyn Garden City	AL7 1EW	HERTS	GB
CISBIO BIOASSAYS	Slimmerstrasse 104	8200	SCHAFFHAUSEN	CH
CLL PHARMA	Parc Marcel Boiteux BP 84175	30200	CODOLET	FR
CML-EUROPE B.V.	455 Promenade des Anglais, NICE PREMIER - ARENAS	6299	NICE CEDEX 3	FR
COBRASYNORG	Vliesvenweg 1	6002NM	WEERT	NL
COLORCON LTD	IRCOF 1 rue Tesnière	76821	MONT SAINT AIGNAN CEDEX	FR
CONNECTED DISCOVERY	Flagship House Victory Way Crossways	DA2 6QD	DARTFORD KENT	GB
	27 Old Gloucester Street	WC1N 3AX	LONDON	GB

## CRESSET



New Cambridge House, Bassingbourn Road, Lillington,  
Cambridgeshire, SG8 0SS, UK

[enquiries@cresset-group.com](mailto:enquiries@cresset-group.com)

Tel: +44 (0)1223 858890 - Fax: +44 (0)1223 853667

[www.cresset-group.com](http://www.cresset-group.com)

Using Cresset's intelligent software for molecular design and optimization chemists can:

- Rapidly move into new chemical space
- Create innovative new molecules that fit their project profile
- Gain a deep understanding of SAR
- Make better decisions by combining physico-chemical properties with the shape and electrostatic character of their molecules

CONSTELLATION PHARMACEUTICALS	215 First Street, Suite 200	MA 02142	CAMBRIDGE	US
CONVERGENCE PHARMACEUTICALS	Maia Building Babraham Research Campus	CB22 3AT	CAMBRIDGE	GB
COPLEY SCIENTIFIC LTD	Private Road 7 Colwick Industrial Estate	NG4 2ER	NOTTINGHAM	GB
COVANCE LABORATORIES LTD	Otley Road	HG3 1PY	HARROGATE N YORKS	GB
CRUCCELL	Archimedesweg 4-6	2333CN	LEIDEN	NL
CRYSTALLICS	Meibergdreef 31	1105 AZ	AMSTERDAM	NL
CYBIO AG	Goeschewitzer Strasse 40	7745	JENA	DE
CYCLOFLUIDIC LTD	BioPark, Broadwater Road	AL7 3AX	WELWYN GARDEN CITY HERTS	GB
D. D. P. CORPORATION	1097-3, Kashiya, Kannami-cho	419-0112	TAGATA-GUN SHIZUOKA	JP
DAIICHI SANKYO CO., LTD.	1-2-58 Hiromachi Shinagawa-ku	140-8710	TOKYO	JP
DAINIPPON SUMITOMO PHARMA CO., LTD.	3-1-98 kasugade-naka Konohana-ku	554-0022	OSAKA	JP
DAISO FINE CHEM	Immermannstr. 13	40210	DUSSELDORF	DE
DIVERCHIM	ZAC du Moulin 6 Rue du Noyer	95700	ROISSY EN FRANCE	FR
DOMAIN THERAPEUTICS	Bioparc Bd Sebastien Brant	67400	STRASBOURG - ILLKIRCH	FR
DOMANEX LIMITED	162, Cambridge Science Park Milton Road	CB40GH	CAMBRIDGE	GB
DOMPE PHARMA	Via Campo di Pile	67100	L'AQUILA	IT
DOTMatics LTD	The Old Monastery Windhill	CM23 2ND	BISHOPS STORTFORD	GB
DR. REDDY'S LABORATORIES	410 Cambridge Science Park	CB4 0PE	CAMBRIDGE	GB
DRUGDESIGNTECH SA	Chemin des Aulx, 14	1228	PLAN LES OUATES	CH
DRUGS FOR NEGLECTED				
DISEASES INITIATIVE (DNDI)	15 Chemin Louis-Dunant	1202	GENEVA	CH
DSM RESEARCH	Urmonderbaan 22	6167 RD	GELEEN	NL
DYNAMIC EXTRACTIONS LTD.	890, Plymouth Road	SL1 4LP	SLOUGH	GB
EBURON	Gentstraat 58	8760	MEULEBEKE	BE
ECOLEC	Gentstraat 58	8760	MEULEBEKE	BE
ECOSYNTH	Stationsstraat 123	8400	OOSTENDE	BE
ECRINS THERAPEUTICS	5 Avenue du Grand Sablon	38700	LA TRONCHE	FR
EDASASCIENIFIC	Rue du Parc 3	1207	GENEVA	CH
EDELIS	115 Av. Lacassagne	69003	LYON	FR
EGIS PHARMACEUTICALS PLC.	Kereszturi u. 30-38	1106	BUDAPEST	HU
EISAI CO., LTD.	Tokodai 5-1-3, Tsukuba-shi, Ibaraki	300-2635	TSUKUBA	JP
ELI LILLY & COMPANY	Lilly Corporate Center	IN 46285	INDIANAPOLIS	US
ELSEVIER PHARMA AND BIOTECH GROUP	Theodor-Heuss-Allee 108	60486	FRANKFURT	DE
ENAMINE LTD	Matrosova 23	1103	KYIV	UA
ENI S.P.A.	Via Valsesia 30	28100	NOVARA	IT
ENTOMOPHARM	Lundekaersvej 33	5250	ODENSE SV	DK
ESTEVE	Avda Mare de Deu de Montserrat, 221	8041	BARCELONA	ES
EUROGENTEC	Rue du Bois Saint-Jean 5	4102	OUGREE	BE
EUROSCREEN	47, Rue Adrienne Bolland	6041	GOSSELIES	BE
EVOLVUS GROUP	88 Shukrawar Peth	411002	PUNE	IN
EVONIK INDUSTRIES	Paul-Baumann-Straße 1	45772	MARL	DE
EVOTEC	114 Milton Park Abingdon	OX14 4SA	OXFORDSHIRE	GB
EXXONMOBIL CHEMICAL	Hermeslaan 2	1831	MACHELEN	BE
F. HOFFMANN-LA ROCHE	Grenzacherstrasse 124	4070	BASEL	CH
F.I.S. FABBRICA ITALIANA SINTETICI S.P.A.	Viale Milano, 26	36075 ALTE DI MONTECCHIO MAGGIORE - VI		IT
FAES FARMA, S.A.	Av. Autonomia 10	48940	LEIOA	ES
FEF CHEMICALS A/S	Kobenhavnsvej 216	4600	KOGE	DK
FIRMENICH	Route des Jeunes 1 PO Box 239	1211	GENEVA	CH
FIZ CHEMIE BERLIN GMBH	Franklinstrasse 11	10587	BERLIN	DE
FLAMEL TECHNOLOGIES	33 av. du Dr Georges Lévy, Parc Club du Moulin à Vent	69693	VÉNISSIEUX	FR
FLUIDIGM	1 av de l'Atlantique, Les Conquéranis - Immeuble Kilimandjaro	91140	LES ULIS	FR
FRESENIUS KABI DEUTSCHLAND GMBH	Else-Kröner-Straße 1	61352	BAD HOMBURG	DE
FRONTIER SCIENTIFIC EUROPE	Carlforth	LA61DE	LANCASHIRE	GB
FUJII SILYSIA CHEMICAL	En Budron E9	1052	LE MONT-SUR-LAUSANNE	DE
GALAPAGOS NV	Generaal de Wittelaan L11 A3	2800	MECHELEN	BE
GALCHIMIA	Cebreiro, s/n	15823	O PINO A CORUÑA	ES
GALDERMA R&D	Les Templiers 2400 route des Colles BP87	6902	SOPHIA-ANTIPOLIS	FR
GDCH-GESELLSCHAFT DEUTSCHER CHEMIKER	Postfach 90 04 40	60444	FRANKFURT AM MAIN	DE
GE HEALTHCARE BIO-SCIENCES	Djaknegalan 25B	75425	UPPSALA	SE
GENENTECH	1 DNA Way	CA 94080	SOUTH SAN FRANCISCO	US
GENEVAC LTD	The Sovereign Centre Farthing Road Sproughton	IP1 5AP	IPSWICH SUFFOLK	GB
GENFIT SA	885 Avenue Eugène Avinée	59120	LOOS	FR
GENZYME PHARMACEUTICALS	Sygena Facility Eichenweg 1	4410	LIESTAL	CH

GEVEKE PROCESS TECHNOLOGIES N.V.  
GILSON INTERNATIONAL BV  
GL CHEMTEC INTERNATIONAL  
GLAXO WELLCOME UK LTD

Leuvensesteenweg 248 A  
Laan van's-Gravenmade 80 PO box 3200  
1456 Wallace Road, Unit 1  
Stockley Park West, Uxbridge

1800  
2495 AJ  
L6L 2Y2  
UB11 1BT

VILVOORDE  
AJ DEN HAAG  
OAKVILLE, ONTARIO  
MIDDLESEX

BE  
NL  
CA  
GB

## GRACE DISCOVERY SCIENCES



Unit 6 Boundary Way, Kellet Road Industrial Estate,  
Carnforth, Lancashire, LA5 9XP  
UNITED KINGDOM

**Contact person:** David Crowshaw

[discoverysciences.uk@grace.com](mailto:discoverysciences.uk@grace.com)

Tel: +44 (0)1524 734451 - Fax: +44 (0)1524 733599

[www.grace.com](http://www.grace.com)

**Grace Discovery Sciences** help medicinal chemists in all stages of research to optimize their time and improve their results with our award winning Reveleris Flash™ Chromatography systems with advanced detection capabilities, our high quality HPLC, UHPLC and Prep LC columns, our purification media and our full range of supporting accessories, standards, and other equipment. We can also help in Pharmaceutical formulation with custom intermediate synthesis and innovative excipient and drug delivery products.

GREENPHARMA S.A  
GRIFFIN DISCOVERIES BV  
GRUENENTHAL GMBH  
GUERBET

3 Allée du Tilane  
De Boelelaan 1083  
Zieglerstr. 6  
BP 50400

45100  
1081 HV  
52078  
95943

ORLEANS  
AMSTERDAM  
AACHEN  
ROISSY CHARLES DE GAULLE

FR  
NL  
DE  
FR

## GVK BIOSCIENCES PVT. LTD.



28 A, IDA Nacharam, Hyderabad- 500076, INDIA

**Contact person:** Srinivas Reddy Mamidi

[srinivasreddy.mamidi@gvkbio.com](mailto:srinivasreddy.mamidi@gvkbio.com)

Tel: +31 642 472 755 / +91 40 6692 9999 - Fax: +91 40 6692 9900

[www.gvkbio.com](http://www.gvkbio.com)

Established in 2001, **GVK BIO** is Asia's leading Discovery Research & Development services organization where we blend science with people and technology to help accelerate research and development for over 350 clients globally. Our distinctiveness comes from our expertise in the breadth and depth of services that we provide in drug discovery and development including Chemistry, Biology, Process R&D, Custom Chemical Synthesis, Formulations R&D and Contract Manufacturing.

H. LUNDBECK A/S  
HAMAMATSU PHOTONICS FRANCE  
HANBON SCI & TECH CO.  
HARMONIC PHARMA  
HELSINN HEALTHCARE SA  
HEPTARES  
HERAEUS GMBH  
HEWLETT PACKARD  
HITACHI INSTRUMENTS INC  
HITGEN LTD  
HPC PHARMA  
HYBRIGENICS SERVICES SAS  
HYPHA DISCOVERY LTD  
IDENIX PHARMACEUTICALS  
IMMUNOGEN  
INDENA SPA  
INHIBOX, LTD  
INNOTHERA  
INNOVORGA  
INSTITUT DE RECHERCHE PIERRE FABRE  
INSTITUT DE RECHERCHES SERVIER  
INSTITUTE FOR RESEARCH  
IN BIOMEDICINE (IRB)

Ottliavej 9, Building G1, Lab 1  
19 rue du Saule Trapu  
No.1-9, Jixian Road  
615 rue du Jardin Botanique  
Via Pian Scairollo 9  
BioPark Broadwater Road Welwyn Garden City  
Heraeusstr. 12-14  
3000 Hanover Street  
7 Ivanhoe Road Hogwood Ind Estate Finchampstead  
398 Woodstock Rd Wolvercote  
ENSCR, Avenue Général Leclerc: CS50837  
3-5 Impasse Reille  
Russell Building, Brunel Science Park, Kingston Lane  
1682 rue de la Valsière Cap Gamma  
830 Winter St.  
Via Don Minzoni 6  
Oxford Centre for Innovation, Suites F14-F16  
22, avenue Aristide Briand  
Moulin de la Housse Bat18 BP 1039  
17 av Jean Moulin  
125, Chemin de Ronde  
C/ Baldini Reixac 10

2500  
91300  
223005  
54600  
6912  
63450  
94304-1185  
RG40 4QQ  
OX2 8JW  
35708  
75014  
UB8 3PQ  
34189  
MA 02451  
20090  
OX1 1BY  
94111  
51687  
81106  
78290  
8028

VALBY  
MASSY CEDEX  
HUA'AN CITY  
VILLERS LÈS NANCY  
PAZZALLO-LUGANO  
HERTFORDSHIRE  
HANAU  
PALO ALTO CA  
WOKINGHAM BERKSHIRE  
OXFORD  
RENNES  
PARIS  
UXBRIDGE  
MONTPELLIER CEDEX 4  
WALTHAM  
SETTALA  
OXFORD  
ARCUEIL CEDEX  
REIMS  
CASTRES  
CROISSY SUR SEINE  
BARCELONA

DK  
FR  
CN  
FR  
CH  
GB  
DE  
US  
GB  
GB  
FR  
FR  
GB  
US  
IT  
GB  
FR  
FR  
FR  
ES

INTE:LIGAND SOFTWARE  
DEVELOPMENT & CONSULTING  
INTEGREX RESEARCH  
INTERBIOSCREEN LTD  
INTERCHIM  
INVENTIVA  
IPSEN INNOVATION  
IQM-CSIC  
IRIS BIOTECH GMBH  
IRONWOOD PHARMACEUTICALS, INC.  
ITALFARMACO SPA  
ITEOS THERAPEUTICS

C. M. Hofbauer-Gasse 6  
PO Box 2207  
PO BOX 218  
211bis Av. JF Kennedy  
50 rue de Dijon  
5, avenue du Canada  
Juan de la Cierva 3  
Waldershofen Str. 49-51  
7 Gardner St  
Via dei Lavoratori 54  
Rue Auguste Piccard 48

2344  
9704 CE  
121019  
3100  
21121  
91940  
28006  
95615  
2458  
20092  
6041

MARIA ENZERSDORF  
GRONINGEN  
MOSCOW  
MONTLUCON CEDEX  
DAIX  
LES ULIS  
MADRID  
MARKTREDWITZ  
NEWTON  
CINSELLO BALSAMO  
GOSSELIES

DE  
NL  
RU  
FR  
FR  
FR  
ES  
DE  
US  
IT  
BE

## JANSSEN RESEARCH & DEVELOPMENT A Division of Janssen Pharmaceutica NV



Turnhoutseweg 30, 2340 Beerse  
BELGIUM

**contact person:** Frederik Wittock, Senior Director, R&D Communication  
[fwittock@its.jnj.com](mailto:fwittock@its.jnj.com)  
Tel: +32 (0) 14 60 57 24  
[www.jnjpharmarnd.com](http://www.jnjpharmarnd.com)

At **Janssen Research & Development**, one of the Janssen Pharmaceutical Companies we are united and energized by one mission – to discover and develop innovative medicines that ease patients' suffering, and solve the most important unmet medical needs of our time. We think of the world as our laboratory and we look for innovation wherever it exists. This drives our relentless search for the best science, and our pursuit of collaborations and partnerships.

JAPAN TABACCO INC.

JAVENECH

JENWAY LTD

JEOL (EUROPE)

JOHN WILEY & SONS LTD

JP SELECTA SA

JUBILANT BIOSYS

KAIRONKEM

KAISER OPTICAL

KARO BIO AB

KEY ORGANICS LTD

KISHIDA CHEMICAL CO., LTD.

KROMATON

KYOWA HAKKO KIRIN CO., LTD.

KYRAPHARM

LABIANA LIFE SCIENCES SA

LABOMATIC INSTRUMENTS AG

LABORATOIRES PIERRE FABRE SA

LABVANTAGE

LABWARE LTD

LEAD DISCOVERY CENTER GMBH

LEAD MOLECULAR DESIGN, S.L.

LEAD PHARMA

LEADSCOPE INC

LEICA MICROSYSTEMS HOLDINGS AG

LEO PHARMA/S

LIFE CHEMICALS

LIGAND PHARMACEUTICALS

LIVCHEM LOGISTICS GMBH

LOCUM INTERNATIONAL GROUP

LONZA BRAINE SA

L'OREAL

LUXILON

MACTAC EUROPE S.A.

MALVERN INSTRUMENTS LTD

1-1, Murasaki-cho Takatsuki

ZI Aumallerie

Gransmore Green Felsted

Espace Claude Monnet 1 Allée de Giverny

The Atrium, Southern Gate

Carretera Nacional II Km 5851 Abrera

96 Industrial Suburb, 2nd stage Yeswantpur

20 rue Marc Donadille, ZAC de Chateau Gombert

5 Allée du moulin Berger

Novum

Highfield Industrial Estate

3-1, Honmachibashi Chuo-ku

45 Avenue Rhin Danube

1188 Shimotogari Nagaizumi-cho Sunto-gun

25 Rue du Moulin de la Canne

C/Venus 26 Can Parellada Industrial Terrassa

Ringstrasse 13

Le Carla Burlats

Instron House Coronation Road

Denzell Lodge, Denzell Gardens, Dunham Road, Cheshire

Otto-Hahn-Str. 15

Valles, 96-102 Local 27

Trigon Building, Route 223 Kapitellweg 29

1393 Dublin Road

Ernst-Leitz-Strasse

Industriparken 55

5 Murmansk Street

11119 North Torrey Pines Road, Suite 200

Stroofstrasse 27 Building 2901

50 Gilad Avenue Industrial Center PO BOX 874

Chaussée de Tubize 297

1 av Eugène Schueller

Vosveld 11

Bd Kennedy Zoning Industriel, zone B

Enigma Business Park, Grovewood Road, Worcestershire

569-1125

35133

CM6 3LB

78290

PO19 8SQ

8630

560022

13013

69130

141 57

PL32 9QZ CAMELFORD CORNWALL PL32 9QZ

5400029

7100

4118731

45300

8228

4123

81106

BUCKS HIGH WYCOMBE HP12 3SY

WA14 4QE

44227

8173

6525EN

43215

35578

2750

2660

CA 92037

65933

44864

1420

93600

2110

7060

WR14 1XZ

OSAKA

JAVENE

DUNMOW

CROISSY SUR SEINE

CHICHESTER, WEST SUSSEX

BARCELONA

BANGALORE

MARSEILLE

ECULLY

HUDDINGE

OSAKA

ANNONAY

SHIZUOKA

PITHIVIERS

BARCELONA

ALLSCHWIL

CASTRES CEDEX

ALTRINCHAM

DORTMUND

SANT CUGAT DEL VALLES

NUMEGEN

COLUMBUS, OH

WETZLAR

BALLERUP

KYIV

LA JOLLA

FRANKFURT

KOCHAV YAIR

BRAINE L'ALLEUD

AULNAY SOUS BOIS

WIJNEGEM

SOIGNIES

MALVERN

GB

JP

FR

GB

FR

GB

ES

IN

FR

FR

SE

GB

JP

FR

JP

FR

ES

CH

FR

GB

GB

DE

ES

NL

US

DE

DK

UA

US

DE

IL

BE

FR

BE

BE

GB

MDS NORDION	447 March Road	K2K 1X8	OTTAWA ON	CA
MEDICINES FOR MALARIA VENTURE	Route de Pré-Bois 20	1215	GENEVA	CH
MEDIMMUNE	One MedImmune Way	MD 20878	GAITHERSBURG	US
MEDIT	2 rue du Belvédère	91120	PALAISEAU	FR
MEDIVIR AB	Lunastigen 7	141 22	HIDDINGE	SE
MENARINI RICERCE SPA	Via Sette Saniti 3	50131	FIRENZE	IT
MERCACHEM	Kerkenbos 1013	6546 BB	NUMEGEN	NL
MERCK & CO INC.	One Merck Drive P.O. Box 100	08889-0100	WHITEHOUSE STATION, NJ	US
MERCK KGAA	Frankfurterstrasse, 250	64271	DARMSTADT	DE
MERZ PHARMACEUTICALS GMBH	Eckenheimer Landstrasse 100	60318	FRANKFURT	DE
MILESTONE INC.	20 Mountain Rd	CT 06060	N. GRANBY	US
MILLENNIUM PHARMACEUTICALS				
TAKEDA COMPANY	40 Landsdowne 2nd floor	MA 02139	CAMBRIDGE	US
MIP TECHNOLOGIES AB	Scheelevägen 22	22363	LUND	SE
MITOLOGICS	102, Av Gaston Roussel	93230	ROMAINVILLE	FR
MITSUBISHI CHEMICAL CORPORATION	1-1 Marunouchi, 1-chome, Chiyoda-ku	100 8251	TOKYO	JP
MITSUBISHI TANABE PHARMA CORPORATION	1000, Kamoshida-cho, Aoba-ku, Yokohama-shi	227-0033	KANAGAWA	JP
MOLECULAR DEVICES LTD	135 Wharfedale Road Winnersh Triangle	RG41 5RB	WOKINGHAM	GB
MORPHOSYS AG	Lena Christ Strasse 48	82152	MARTINSRIED MUNICH	DE
MORPHOTEK, INC.	210 Welsh Pool Road	PA 19341	EXTON	US
MSD ANIMAL HEALTH INNOVATION GMBH	Zur Propstei	55270	SCHWABENHEIM	DE
MULTISPAN INC.	26219 Eden Landing Road	CA 94545	HAYWARD	US
NAEJA PHARMACEUTICAL INC.	4290-91 A Street	T6E 5V2	EDMONTON ALBERTA	CA
NERVIANO MEDICAL SCIENCES	Viale Pasteur 10	20014	NERVIANO	IT
NETRIS PHARMA	Centre Léon Bérard 28 rue Laennec	69008	LYON	FR
NEUROFIT SAS	Boulevard Sébastien Brant, BIOPARC Parc d'Innovation	67400	ILLKIRCH	FR
NEUROTUNE AG	Via della posta, 10	6934	BIOGGIO	CH
NEW ENGLAND DISCOVERY PARTNERS	23 Business Park Drive	6405	BRANFORD	US
NEXTMOVE SOFTWARE LIMITED	Cambridge Science Park Milton Road	CB4 0EY	CAMBRIDGE	GB
NIKKISO CO., LTD.	4-20-3, Ebisu, Shibuya-ku	150-6022	TOKYO	JP
NIPPON CHEMIPHAR CO., LTD.	1-22 Hikokawado	341-0005	MISATO	JP
NORGINE LTD	Norgine House Widewater Place Moorhall Rd	UB9 6NS	UXBRIDGE, MIDDLESEX	GB
NOVALIX	boulevard Sébastien Brant Bioparc	67400	ILLKIRCH	FR
NOVALIX	boulevard Sébastien Brant Bioparc	67400	ILLKIRCH	FR
NOVARTIS INSTITUTE FOR TROPICAL DISEASES	10 Biopolis Road #05-01 Chromos Building	138670	SINGAPORE	SG
NOVASEP GROUP	82, Boulevard de la Moselle	54340	POMPEY	IT
NOVO NORDISK	Novo Nordisk Park	2760	MAALOEV	DK
NT-MDT	High Tech Campus 83	5656	AG EINDHOVEN	NL
NUEVOLUTION A/S	Rønnegade 8	2100	COPENHAGEN	DK
OMEGA CAT SYSTEM	Avenue du Général Leclerc	35708	RENNES	FR
OMEGA PHARMA NV	IZ De Pijpkels Vencoweg, 26	9810	NAZARETH	BE
OMEGACHEM	480, Rue Perreault St-Romuald	G6W 7V6	QUÉBEC	CA
ONO PHARMACEUTICAL CO.LTD.	3-1-1 Sakurai Shimamoto-cho Mishima-gun	618-8585	OSAKA	JP
ONTARGET CHEMISTRY	Viridings Allee 32c	75450	UPPSALA	SE
ONYX SCIENTIFIC LTD	Sunderland Enterprise Park, Silverbriar	SR5 2TQ	SUNDERLAND	GB
OPENEYE SCIENTIFIC SOFTWARE	9, Bisbee Court	CA 87508	SANTA FE	US
OPTIBRIUM LTD	7221 Cambridge Research Park Beach Drive	CB25 9TL	CAMBRIDGE	GB
ORIBASE PHARMA	1682 rue de la valseire	34000	MONTPELLIER	FR
ORIL INDUSTRIE	13 rue Auguste Desgenetals	76210	BOLBEC	FR
ORION CORP.	Tengströminkatu 8	20360	TURKU	FI
OROXCELL	Parc Biotech 102 Av Gaston Roussel	93230	ROMAINVILLE	FR
OTSUKA PHARMACEUTICAL CO.LTD	463-10 Kagasuno Kawauchi-cho	771-0192	TOKUSHIMA	JP
OXELTIS	Cap Gamma, 1682 rue de la valseire CS27384	34189	MONTPELLIER	FR
OXFORD INSTRUMENTS	Tubney Woods	OX13 5QX	ABINGDON	GB
PARAZA PHARMA INC.	7171 Frederic-Bantling	H4S1Z9	MONTREAL	CA
PEAK BIOTECH A/S	Hejreskovvej 22C	3490	KVISTGAARD	DK
PEAKDALE MOLECULAR LTD	Peakdale Science Park Sheffield Road, Chapel-en-le-Frith	SK230PG	HIGH PEAK	GB
PEPSCAN THERAPEUTICS	Zuidersluisweg 2	8212 DT	LELYSTAD	NL
PEPTISYNTHA	Ransbeekstraat 310	1120	BRUSSELS	BE
PERKINELMER	Next page			
PF&F LTD	Atherton	M46 0LY	MANCHESTER	GB
PFIZER	35 Cambridge Park Dr	MA 02140	CAMBRIDGE	GB
PFIZER NEUSENTIS	The Portway Building Grantia, Park Great Abington	CB21 6ES	CAMBRIDGE	GB

## PERKINELMER



940 Winter St, Waltham, MA 02451 USA  
[Informatics.Insights@perkinelmer.com](mailto:Informatics.Insights@perkinelmer.com)  
 Tel: 203 925-4602, Fax: 781 663-8080

[www.perkinelmer.com/informatics](http://www.perkinelmer.com/informatics)

**PerkinElmer** delivers a comprehensive suite of chemistry tools to capture, analyse, and visualize scientific data. Our products include the chemical drawing tool ChemDraw®, the enterprise Electronic Lab Notebook and the cloud based ELN Elements both with ChemDraw embedded and Lead Discovery powered by TIBCO Spotfire® for chemical data analytics and visualizations.

PHENOMENEX LTD.	Zeppelinstr. 5	63741	ASCHAFFENBURG	DE
PHILIP HARRIS SCIENTIFIC	Novara House Excelsior Road Ashby Park	LE65 1NG	ASHBY DE LA ZOUCH	GB
PIC SOLUTION	Agroparc 200 rue Michel de Montaigne, Créativa, BP 31222	84911	AVIGNON	FR
POLYMER STANDARDS SERVICE	In der Dalheimer Wiese 5	55120	MAINZ	DE
POLYPHOR	Gewerbestrasse 14	4123	ALLSCHWIL	CH
POXEL	200 Avenue Jean Jaurès	69007	LYON	FR
PRASSIS ISTITUTO DI RICERCA SIGMA TAU	Via Forlanini 1/3	20019	SETTIMO MILANESE	IT
PRESTWICK CHEMICAL INC.	Bd Gonthier d'Andernach Parc d'Innovation	67400	ILLKIRCH	FR
PRIAXON AG	Gmunder Straße 37-37a	81379	MUNICH	DE
PRONOVA BIOPHARMA	P.O. Box 420	1327	LYSAKER	NO
PROUS INSTITUTE FOR BIOMEDICAL RESEARCH	Rambla Catalunya 135, 3a-2a	8037	BARCELONA	ES
PROVENCE TECHNOLOGIES	18 rue Marc Donadille- Les baronnies, Technopôle de Château-Gombert 13013		MARSEILLE	FR
PROXCYS BV	Bedrijvenweg 4	7883JH	NIEUW AMSTERDAM	NL
PROXIMAGEN	Building 250 Babraham Research Campus	CB22 3AT	CAMBRIDGE	GB
QIAGEN SA	3 Avenue du Canada LP 809	91974	COURTABOEUF	FR
QUALITY ASSISTANCE SA	Technoparc de Thudinie 2	6536	DONSTIENNES	BE
QUINTEN	11 rue Galvani	75017	PARIS	FR
RADLEYS DISCOVERY TECHNOLOGIES	Shire Hill, Essex	CB11 3AZ	SAFFRON WALDEN	GB
REACH SEPARATIONS	BioCity Nottingham Pennyfoot Street	NG1 1GF	NOTTINGHAM	GB
REACTION BIOLOGY CORP.	245 Amity Road	6525	WOODBIDGE, CT	US
RECKITT BENCKISER NV	avenue Reine Astrid,164	1780	WEMMEL	BE
RECORDATI S.P.A.	Via Civitali 1	20148	MILANO	IT
REDX ONCOLOGY	Duncan Building RLUIH	L69 3GA	LIVERPOOL	GB
REGIS TECHNOLOGIES INC.	8210 Austin Avenue	IL 60053	MORTON GROVE	US
RENTSCHLER	Erwin-Rentschler str. 21	88471	LAUPHEIM	DE
RESEARCH CENTER				
FOR MOLECULAR MEDICINE (CEMM)	Lazarettgasse 14 AKH BT 25.3	1090	VIENNA	AT
RESEARCH CENTRE PRINCEPE FELIPE	C/ Eduardo Primo Yufera, 3	46012	VALENCIA	ES
RESINDION	Via Roma 55	20082	BINASCO	IT
RHODIA SA	110, esplanade Charles de Gaulle, Coeur Défense - Tour A - 37 <sup>ème</sup> étage 92931		PARIS LA DEFENSE	FR
RICERCA	7528 Auburn Road	44077	CONCORD OHIO	US
RIKEN	1-7-22 Suehiro	230-0045	YOKOHAMA	JP

## GEDEON RICHTER PLC.



Gyömrői út 19-21., Budapest 1103, HUNGARY  
[posta@richter.hu](mailto:posta@richter.hu)  
 Tel: +36 1 431 4000 - Fax: +36 1 260 6650  
[www.richter.hu](http://www.richter.hu)

**GEDEON RICHTER**

Headquartered in Hungary, **Gedeon Richter Plc.** is an innovation-driven specialty pharmaceutical multinational company. With a 1000-strong R&D team and a portfolio available in 100 countries worldwide, Richter focuses on the therapeutic areas of gynecology and CNS. The company is the main sponsor of the prestigious IUPAC-Richter Prize in Medicinal Chemistry, established to acknowledge the key role medicinal chemistry plays in improving human health.



## RSC - MedChemComm



Royal Society of Chemistry, Thomas Graham House, Science Park,  
Milton Road, Cambridge CB4 0WF, UK

**Contact person:** Richard Kelly

[medchemcomm-rsc@rsc.org](mailto:medchemcomm-rsc@rsc.org)

Tel: +44 (0) 1223 432193 - Fax: +44 (0) 1223 430247

[www.rsc.org/medchemcomm](http://www.rsc.org/medchemcomm)

Official journal of EFMC from Royal Society of Chemistry, publishing both highly-significant research in traditional areas of medicinal chemistry and cutting edge work in new or interdisciplinary areas. The journal brings new thinking to medicinal chemistry and challenges perceptions of what is possible in drug discovery.

SAI ADVANTUM PHARMA LTD	8-2-120/86/9/B, Luxor Park, Road No. 2	500 033	BANJARA HILLS HYDERABAD	IN
SANOI / CHINOIN LTD.	Tó utca 1-5	1045	BUDAPEST	HU
SANOI R&D	195 route d'Espagne BP13669	31036	TOULOUSE	FR
SARTORIUS AG	Wender Landstrasse 94-108	37075	GOETTINGEN	DE
SCHOTT GLAS	Hattenbergstrasse 10	55122	MAINZ	DE
SCHROEDINGER GMBH	Zeppelinstraße 73	81669	MÜNCHEN	DE
SCIENTIFIC UPDATE	Maycroft Place, Stone Cross, East Sussex	TN20 6EW	MAYFIELD	GB
SCK.CEN	Boeretang 200	2400	MOL	BE
SCYNEXIS	Post Office Box 12878 Research Triangle Park	NC 27709-2878	DURHAM	US
SEATTLE GENETICS	21823 30th Drive Southeast	WA 98021	BOTHELL	US
SELCIA LIMITED	Fyfield Business & Research Park Fyfield Road	CM5 0GS	ONGAR ESSEX	GB
SEPIATEC GMBH	Louis-Bleriot-Strasse 5	12487	BERLIN	DE
SERCOLAB BVBA	Westkaai 7	2170	MERKSEM	BE
SESMOS LTD.	3.12 CH Waddington Building	EH9 3JD	EDINBURGH	GB
SETARAM SA	7 Rue de l'Oratoire	69300	CALUIRE	FR
SHANGHAI PHARMACEUTICAL HOLDING CO., LTD.	898 Ha Lei Road	201203	SHANGHAI	CN
SHIMADZU BENELUX	Burg, Etienne Demunterlaan 5 Bus 4	1090	BRUSSELS	BE
SIGMAALDRICH	L'Isle d'Abeau Chesnes BP 701	38297	SAINT QUENTIN FALLAVIER	FR
SIMULATIONS PLUS INC.	42505 10th Street West	CA 93534-7059	LANCASTER	US
S-IN SOLUZIONI INFORMATICHE SRL	Via G. Ferrari 14	36100	VICENZA	IT
SIRIUS ANALYTICAL INSTRUMENTS LTD	Forest Row Business Park, Station Road, East Sussex	RH18 5DW	FOREST ROW	GB
SK BIOPHARMACEUTICALS	325, Exporo, Yuseong-gu	305-712	DAEJEON	KR
SOLVAY SA	Rue de Ransbeek 310	1120	BRUSSELS	BE
SPECTRUM CHEMICAL MFG. CORP.	14422 S. San Pedro St.	CA 90248-2027	GARDENA	US
SPIROCHEM AG	c/o ETH-Zürich Wolfgang-Pauli-Strasse 10, HCI-H337	8093	ZÜRICH	CH
SPRINGER VERLAG	Tiergartenstrasse 17	69121	HEIDELBERG	DE
SPSS SCIENTIFIC SOFTWARE GMBH	Schimmelbuschstrasse 25	40699	ERKRATH	DE
SQUARIX	Elbestraße 10	45768	MARL	DE
STALLERGENES S.A.	6 Rue Alexis de Tocqueville	92183	ANTONY CEDEX	FR
STREM CHEMICALS	15, rue de l'Alme, Z.I.	67800	BISCHHEIM	FR
SUMMIT PHARMACEUTICALS EUROPE LTD	Vintner's Place 68 Upper Thames Street	EC4V 3BJ	LONDON	GB
SUNESIS PHARMACEUTICALS INC.	341 Oyster Point Boulevard.	CA 94081	SOUTH SAN FRANCISCO	US
SUNOVION PHARMACEUTICALS INC.	84 Waterford Drive	MA 01752-7010	MARLBOROUGH	US
SURECHEM - DIGITAL SCIENCE	4 Crinan Street	N1 9XW	LONDON	GB
SYNCOM BV	Kadijk 3	9704 CE	GRONINGEN	NL
SYNGENTA	Schaffhauserstrasse WST-810.3.44	CH-4332	STEIN	CH
SYNOPTICS LTD	Beacon House Nuffield Road	CB4 1TF	CAMBRIDGE	GB
SYNTAPHARM	Xantener Strasse 1-3	54579	MUELHEIM AN DER RUHR	DE
SYNTHELOR	Technopôle de Brabois 13, rue du Bois de la Champelle	54500	VANDOEUVRE-LES-NANCY	FR
SYSMEX BELGIUM	Park Rozendal, BuildingA Terhulpestrw. 6a	1560	HOEILAART	BE
TAIHO PHARMACEUTICAL CO., LTD.	3 Okubo	300-2611	TSUKUBA, IBARAKI	JP
TAKEDA PHARMACEUTICALS	40 Landsdowne Street	MA 02139	CAMBRIDGE	US
TAROS CHEMICALS GMBH & CO. KG	Emil Figge Strasse 76a	44227	DORTMUND	DE
TB ALLIANCE	40 Wall Street, 24th Floor	NY 10005	NEW YORK	US
TCG LIFESCIENCES LIMITED	52B Okhla Industrial Area Phase 3	110020	NEW DELHI	IN

## SYGNATURE DISCOVERY LTD



BioCity, Pennyfoot Street, Nottingham NG1 1GF, UK

Contact person: Juliet Thompson

j.thompson@sygnaturediscovery.com

Tel: +44 115 9415401

[www.sygnaturediscovery.com](http://www.sygnaturediscovery.com)

**Sygnature Discovery** is the UK's largest independent provider of integrated drug discovery expertise. Core capabilities include medicinal chemistry, *in vitro* bioscience, computational chemistry, informatics and DMPK.

TCI EUROPE	Boerenveldseweg 6 Haven 1063	65760	ZWINDRECHT	DE
TECAN GROUP LTD	Seestrasse 103	8708	MAENNEDORF	CH
TEIJIN PHARMA LIMITED	4-3-2, Asahigakka, Hino	191-8512	TOKYO	JP
TES PHARMA S.R.L.	via Palmiro Togliatti 20	6073	CORCIANO	IT
TEVA PHARMACEUTICAL INDUSTRIES LTD.	Hatruța 12	4250483	NETANYA	IL
THALESNANO	Zahony u 7	1031	BUDAPEST	HU
THERABEL PHARMA NV-SA	Rue Egide Van Ophem 108	1180	BRUXELLES	BE
THERAVANCE BIOPHARMA, INC.	901 Gateway Blvd	94080	SOUTH SAN FRANCISCO	US
THERMO FISHER SCIENTIFIC	Industriezone III Industrielaan 27	9320	EREMBODEGEM	BE
THIEME PUBLISHERS	Rudigerstrasse 14	70469	STUTTGART	DE
TOCRIS BIOSCIENCE	Tocris House, IO Centre, Moorend Farm Avenue Avonmouth	BS11 0QL	BRISTOL	GB
TOPIVERT	Imperial College Incubator, Level 1 Bessemer Building (RSM), Prince Consort Road SW7 2BP LONDON			GB
TUMOR BIOLOGY CENTER	Breisacherstrasse 117	79106	FREIBURG	DE
UNILEVER	Olivier van Noortlaan 120 Postbus 114	3130 AC	VLAARDINGEN	NL
UNIVERSITY OF SUSSEX	School of Life Sciences, Falmer	BN1 9RH	BRIGHTON	GB
VALDEPHARM	Parc Industriel d'Incarville BP 606	27160	VAL DE REUIL	FR
VERNALIS	Granta Park Great Abington	CB21 6GS	CAMBRIDGE	GB
VERTEX PHARMACEUTICALS (CANADA) INC.	275 Armand Frappier	HTV 4A7	LAVAL, QUEBEC	CA
VFP THERAPIES	Rue François Couperin	76000	ROUEN	FR
VIPERGEN	Gammel Kongevej 23	1610	COPENHAGEN	DK
VITAS-M LABORATORY	Hodyski blv. 15, room 84	125252	MOSCOW	RU
VIVALIS	6 rue Alain Bombard	44821	SAINT HERBLAIN	FR
WATERS CORPORATION	BP 608	78056	SAINT QUENTIN EN YVELINES	FR

## WILEY-VCH VERLAG GMBH & CO. KGAA

WILEY-VCH

BBoschstrasse 12, 69469 Weinheim, GERMANY

[info@wiley-vch.de](mailto:info@wiley-vch.de)

Tel: +49(0)6201/606-0 - Fax: +49(0)6201/606-328

[www.wiley.com](http://www.wiley.com)

Wiley is a global provider of content-enabled solutions to improve outcomes in research, education and professional practice with online tools, journals, books, databases, reference works and laboratory protocols. With strengths in every major academic, scientific and professional field, and strong brands including Wiley Blackwell and Wiley VCH, Wiley proudly partners with over 800 prestigious societies representing two million members.

WIL RESEARCH B.V.	Hamibakenwetering 7	5231DD	'S-HERTOGENBOSCH	NL
WUXI APPTec, INC.	2540 Executive Drive	MN 55120	ST. PAUL	US
XELLIA PHARMACEUTICALS	Harbitzalléen 3, P.O.Box 158 Skoyen	212	OSLO	NO
XENOGESIS LTD.	BioCity Nottingham Pennyfoot Street	NG1 1GF	NOTTINGHAM	GB
YMC EUROPE	Schöttmannshof 19	46539	DINSLAKEN	DE
ZENTIVA K.S.	U Kabelovny 130	102 37	PRAGUE	CZ
ZEOCHEM AG	Seestrasse 108	8707	UETIKON AM SEE	CH
ZINSSER ANALYTIC	Eschborner Landstrasse 135	60489	FRANKFURT/MAIN	DE
ZOBIO BV	Einsteinweg 55	2333CC	LEIDEN	NL
ZOETIS	333 Portage St.	49007	KALAMAZOO	US



# EFMC-YMCS

3<sup>rd</sup>

## EFMC Young Medicinal Chemist Symposium

**September 1-2, 2016 | Manchester | United Kingdom**

The **EFMC Young Medicinal Chemist Symposium** is an initiative of the European Federation for Medicinal Chemistry (EFMC). This Symposium, organised in connection with the XXIV EFMC International Symposium on Medicinal Chemistry (EFMC-ISMC 2016), has the aim of:

- creating a network of young European investigators in Medicinal Chemistry
- stimulating young European investigators in Medicinal Chemistry to share their scientific work with peers and inspiring leaders in the field
- creating competition and excellence in Medicinal Chemistry within Europe by selecting the European Champion in Medicinal Chemistry

### PROGRAMME OF THE DAY

- opening and closing keynote lectures from inspiring leaders in medicinal chemistry
- oral communications by invited prize winners from national young medicinal chemist meetings in Europe
- oral communications selected from submitted abstracts
- flash poster presentations selected from submitted abstracts
- A poster session open to any young researcher submitting an abstract

### EFMC-YMCS ORGANISING COMMITTEE

#### Symposium Chair

- Mike Waring (Newcastle University, UK)

#### Members

- Dave Alker (Dave Alker Associates, UK)
- Celine Cano (Newcastle University, UK)
- Chris de Graaf (VU University Amsterdam, NL)
- Briec Matagne (LD Organisation, BE)
- Xavier Gómez-Santacana (Institute for Advanced Chemistry of Catalonia, ES)
- Rita Guedes (University of Lisbon, PT)
- Krzysztof Jozwiak (Medical University of Lublin, PL)
- Thierry Langer (University of Vienna, AT)

More information  
and on-line registration is available  
on [www.efmc-ymcs.org](http://www.efmc-ymcs.org)

The 3<sup>rd</sup> EFMC Young Medicinal Chemist Symposium is open to any scientist interested by the topics related to Medicinal Chemistry.



**EFMC**  
European Federation  
for Medicinal Chemistry

