

Diary id: PAR 2018/34

Employment level: Time limited employment (temporary)

Location: Department of Chemistry and Molecular Biology

Apply by: 2018-04-24

The Wallenberg Centre for Molecular and Translational Medicine at the University of Gothenburg is pleased to announce an international search for an outstanding young scientist for appointment to a tenure track position as an Associate Senior Lecturer (Assistant Professor). The Centre was established in collaboration with the Knut and Alice Wallenberg Foundation, Region Västra Götaland, AstraZeneca and the University of Gothenburg, as part of a national agenda to further strengthen Sweden's position within medical research. The Wallenberg Centre is located in Gothenburg, with activities at the University of Gothenburg, Sahlgrenska University Hospital and AstraZeneca to ensure unique translational research environments in the interface between academia, health care and the pharma-industry. The scope of the Centre in Gothenburg is the molecular medicine aspects of metabolic and degenerative diseases, neuroscience, inflammation and cancer. At present, the Centre consists of more than ten research teams. More information about ongoing research activities and key research groups within our focus areas can be found at [www.wcmtm.gu.se](http://www.wcmtm.gu.se).

The research groups working with medicinal chemistry at the University of Gothenburg are conducting very successful international research on the synthesis and the characterisation of compounds with potential biological activity. They are co-localised with research groups in organic chemistry with good access to state-of-the-art equipment in modern laboratories. Teaching is also conducted in chemistry and pharmacy undergraduate, masters and postgraduate programs. The position as Associate Senior Lecturer (Assistant Professor) will include research and education within medicinal chemistry, which will contribute to the long-term strengthening of the existing activities within the design and synthesis of bioactive compounds.

In the present announcement, we are searching for candidates with expertise and outstanding scientific credentials in medicinal chemistry directed towards the design and synthesis of bioactive compounds. The incentive for the position is a generous support package including funding for postdoctoral associates and PhD students as well as support for expenditure (four positions and 1.5 million SEK/year in running costs). Within the program of the Wallenberg Centre, the successful candidate is expected to develop their full potential as a leading independent scientist in a flourishing academic environment at the Department of Chemistry and Molecular Biology (<https://cmb.gu.se/english>), linking to the departments of chemistry at AstraZeneca in Gothenburg.

The University of Gothenburg is mobilising in the area of life sciences – a modern building for research and education is planned to be completed by the year 2021. The building that will bring together several departments at the Faculty of Science will be located directly in connection to the medical faculty, Sahlgrenska Academy and Sahlgrenska University Hospital.

### **Subject area**

Medicinal chemistry

### **Subject area description**

The research program within the framework of the announced position should be complementary to and strengthen the existing activities at the Department of Chemistry and Molecular Biology. It should also fit within the broader portfolio of the Wallenberg Centre for Molecular and Translational Medicine. Thus, the research activities within medicinal chemistry should be oriented towards the design and synthesis of bioactive compounds.

### **Job assignments**

The successful candidate is expected to initiate a strong research program and to start an independent research group within medicinal chemistry oriented towards the design and synthesis of bioactive compounds. Active participation in collaborative research and exchange programs across the network of Wallenberg Centres in Molecular Medicine in Lund, Linköping and Umeå, as well as with Science for Life Laboratories in Stockholm/Uppsala, is included in the job assignments. The successful candidate is expected to actively cooperate with AstraZeneca within the subject area of the position and to actively apply for external funding.

The job assignments include planning and performing teaching within medicinal chemistry in postgraduate, graduate and undergraduate programs. The teaching includes lectures, exercises, experiments and examinations as well as the supervision of doctoral and undergraduate students. To some extent, teaching in organic chemistry may be part of the job assignments.

Candidates without university-level teacher training should participate in pedagogy courses for higher education within two years of hiring.

The successful candidate is expected to teach in Swedish within two years. The university offers courses in Swedish as a second language.

### **Eligibility**

A PhD degree in a subject area relevant to the position or equivalent scientific competence is a requirement. An applicant with a degree that is judged to be comparable is also eligible. Preference is given to applicants who have been awarded a PhD degree, a comparable degree or achieved equivalent scientific competence no more than seven years before the expiration date of this announcement. Applicants who have obtained a doctorate earlier may also be given primary consideration if there are special reasons. Special reasons include leave of absence due to illness, parental leave or other similar circumstances. The reasons and extent of leave of absence should be clearly specified in the application and confirmed by certificates.

Ability to teach in English or Swedish is a requirement.

### **Assessment**

Assessment of the applications will be based primarily on scientific merit and secondarily on pedagogical merit. Both aspects will be carefully assessed.

When assessing scientific proficiency, particular emphasis will be placed on the level of independently performed research in medicinal chemistry directed towards the design and synthesis of bioactive compounds. The assessment will be based on publications in leading international journals, where quality and impact is given more weight than total production. Favourable consideration will be given to demonstrated success in attracting external funding

in national or international competitions, experience from another research environment after the doctoral degree and participation in national and international collaboration projects. Scientific proficiency is also assessed through the scientific quality of the submitted research program and the proven ability to develop and lead research activities with relevance to the present employment.

When assessing scientific proficiency, particular emphasis will be placed on well-documented pedagogical experience of planning, performing and leading teaching. Favourable consideration will be given to documented ability to supervise students at undergraduate and post graduate program level.

The overall assessment of the applications will take into account proficiency and potential for development, ability to carry out the duties of the position, to cooperate with others, and to contribute to the positive development of the department. The overall assessment will also take into account the extent to which the applicant's research plans are complementary to and strengthen the research activities at the department and how these plans will fit the broader portfolio of the Wallenberg Centre for Molecular and Translational Medicine.

### **Other conditions**

The decision regarding the disposition of the support package will be taken by The Wallenberg Centre for Molecular and Translational Medicine prior to the start of the employment. The support package is expected to be complemented through national and international grants. An individual scientific and pedagogical development plan will be determined upon agreement between the candidate and the head of the Department of Chemistry and Molecular Biology.

### **Employment**

Type of employment: Fixed-term employment, four years

Extent: 100 %

Location: Department of Chemistry and Molecular Biology, Gothenburg

First day of employment: As soon as possible, as agreed

Tenure track assessment: The position as Associate Senior Lecturer is the first level of the tenure track system at the University of Gothenburg. The position is defined as an appointment based on qualifications whereby the holder, if approved, is promoted to a permanent position as a Senior Lecturer. Criteria for promotion from Associate Senior Lecturer to Senior Lecturer are established in "Handläggningsordning för befordran från biträdande universitetslektor till universitetslektor vid Naturvetenskapliga fakulteten" (decision 2013-05-03,

[https://medarbetarportalen.gu.se/digitalAssets/1503/1503712\\_procedural-rules-for-promotion-from-associate-senior-lecturer-to-senior-lecturer.pdf](https://medarbetarportalen.gu.se/digitalAssets/1503/1503712_procedural-rules-for-promotion-from-associate-senior-lecturer-to-senior-lecturer.pdf)).

### **Appointment procedure**

The selection process will include evaluation by external experts, interviews and guest lectures. The assessment of qualifications and experience will take into account parental leave, sick leave or other similar circumstances. The reasons and extent of leave of absence should be specified in the application.

## **For further information**

Regarding the position, please contact:

Göran Hilmersson, Head of Department of Chemistry and Molecular Biology  
+46 (0) 31 786 9022  
[goran.hilmersson@gu.se](mailto:goran.hilmersson@gu.se)

Göran Landberg, Director of the Wallenberg Centre for Molecular and Translational  
Medicine  
[goran.landberg@gu.se](mailto:goran.landberg@gu.se)

## **Unions**

Union representatives at the University of Gothenburg:

[http://www.gu.se/english/about\\_the\\_university/job-opportunities/union-representatives](http://www.gu.se/english/about_the_university/job-opportunities/union-representatives)

## **How to apply**

In order to apply for a position at the University of Gothenburg, you have to register an account in our online recruitment system:

[https://www.gu.se/english/about\\_the\\_university/job-opportunities/vacancies-details/?id=1864](https://www.gu.se/english/about_the_university/job-opportunities/vacancies-details/?id=1864).

Together with your application, the following should be attached:

- Cover letter.
- CV, including a complete list of publications, and a record of research grants received (with amounts).
- Description of scientific expertise, and a motivated list of ten of your scientific publications.
- A research plan with a description of current and planned research as well as other planned activities relevant to this position (maximum three pages).
- Description of pedagogical expertise, including information about the extent and level of your teaching experience and evaluations of its quality. The description should also include pedagogical reflection and teaching philosophy.
- Description of experience of leadership, administration and cooperation with the local community.
- Copies of your most relevant publications in full format (maximum ten publications).
- Certificates and other documents to be considered.

It is the responsibility of the applicant to ensure that the application is complete in accordance with the instructions in the job advertisement, and that it is submitted before the deadline. Any documents that are not available in electronic format should be mailed in three copies to:

Faculty Office for Science  
Attn: Marie Emanuelsson  
University of Gothenburg  
Box 460  
S-405 30 Gothenburg, Sweden

The application is to be written in English.

**Closing date: 24 April 2018**

**Additional information**

Choosing a career in a foreign country is a big step and raises many questions about what to expect. Therefore, to give a general idea of what we, and Gothenburg, have to offer in terms of benefits and of life in general, please visit <http://www.science.gu.se/english/about/career>. For more information about the Faculty of Science please visit <http://www.science.gu.se/english/>. We can offer relocation services