

Karolinska Institutet

announces a research scholarship for

Postdoctoral studies in epigenetic mechanisms of inflammation

At

Center for Molecular Medicine (CMM), Department of Clinical Neuroscience (CNS).

Description of the research project/area of research

The project involves investigation of epigenetic mechanisms underlying pathogenesis of multiple sclerosis (MS) and various experimental models of inflammation. It is a part of the ongoing effort to understand how environmental and genetic factors trigger heritable changes in gene expression, which in turn contribute to pathogenic inflammation. The group is a part of Neuroimmunology Unit at the Department of Clinical Neuroscience (www.ki.se/cns), which gathers researchers working on different aspects of MS pathogenesis, with the aim to define disease pathways, biomarkers and therapeutics targets. The group is physically located at the Center for Molecular Medicine (CMM) (www.cmm.ki.se) that offers an outstanding research environment and possibilities for collaboration in the field of complex common diseases.

Qualifications of the applicant

Applications are invited from highly talented and enthusiastic researchers with a PhD degree. A strong background in molecular biology and/or functional cell immunology is required. The ideal candidate for the position will have expertise in epigenetics of complex diseases. Bioinformatics experience would be an advantage. Applicants should be able to demonstrate a strong academic record, including publications in international journals. To qualify, the applicant must hold a PhD degree or a foreign qualification deemed equivalent to a doctorate. Applicants who have completed their degree no more than three years before the last date for applications should be given priority. Candidates who have completed their degree earlier than this should receive equal priority if special grounds exist. Postgraduates who have yet to graduate may apply if their public defense is scheduled to take place within three months after the application deadline, in which case verification from Dissertation Committee or equivalent body must be submitted with the application. Good knowledge of spoken and written English is required.

Information about research scholarship for postdoctoral studies

At Karolinska Institutet, fellowship may only be established for the education of the holder. Educational fellowships are restricted for postdoctoral studies lasting up to two years and exempted from Swedish income tax. A fellowships for the pursuit of postdoctoral studies may be awarded for up to two years in the five years following the public defense (or equivalent) of a doctoral thesis. The fellowships amount is approved for up to six months at a time and is paid monthly.

Contact information

For further details about the research project and stipulations of the fellowship, please contact:
Maja Jagodic, PhD, Assistant Professor, + 46 (0) 8 517 7628, 073-980 18 89, maja.jagodic@ki.se

Union representatives: Anders Fridberger, SACO, +46 (0)8 517 732 74, anders.fridberger@ki.se
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Please send your application, marked with reference number 3970/2010, **to reach us by no later than August 23 2010** to jobb.ki.se (<http://ki.se/ki/jsp/polopoly.jsp?d=469&a=88392&l=en>) or Karolinska Institutet, Department of Clinical Neuroscience, Susanne Malmberg, Admin. Z5:00, Karolinska University Hospital, SE-171 76 Stockholm, Sweden. The following documents should be enclosed with your application:

1. A short letter explaining your interest in the position
2. A complete CV including the names of two references
3. A list of publications
4. One letter of recommendation

Dept of Clinical Neuroscience (CNS) conducts research and education in the field of neuroscience from the molecular level to the society level. This activity is closely integrated with medical clinics within Stockholm. The Department is organized into eight sections, encompasses about 300 employees and 250 PhD students.

The Center for Molecular Medicine (CMM) gathers more than 400 members performing research on the common diseases. The philosophy of CMM is to foster innovative research within the core areas of the center, both from using unique features of our clinical connection (extensive clinical material and clinical competence) and from being part of KI with its international reputation and excellent basic research.

Karolinska Institutet is one of the world's leading medical universities. Its mission is to contribute to the improvement of human health through research and education. Karolinska Institutet accounts for over 40 per cent of the medical academic research conducted in Sweden and offers the country's broadest range of education in medicine and health

sciences. Since 1901 the Nobel Assembly at Karolinska Institutet has selected the Nobel laureates in Physiology or Medicine.

