

Doctoral (PhD) student position in skin immunology (KID)

Karolinska Institutet, Institutionen för medicin, Solna, Dermatology and Venereology unit

The Department of Medicine, Solna, is one of the largest departments at Karolinska Institutet. The department consists of several units that are separated into different research groups. The core activities of the department are research, doctoral education and undergraduate education for medical and biomedical students. The research has three main profiles: allergy, cardiovascular medicine and inflammatory diseases.

A doctoral position is an available doctoral education project to which a PhD student is to be recruited. After the selection process the process for admission to doctoral education will commence. An admission decision will not be taken until an individual study plan has been approved by the departmental admission board.

For more information regarding doctoral (PhD) education, see: <http://www.ki.se/doctoral>.

Research Group

The Dermatology and Venereology unit is located at the Center for Molecular Medicine, Karolinska University Hospital.

The Unit for Molecular Medicine at the Center for Molecular Medicine (CMM) is a nationally leading and internationally competitive environment for studies of tissue inflammation with ample interaction between groups interested in different aspects of basic and applied molecular and cellular immunology. The Eidsmo laboratory offers an international and interdisciplinary research environment, where collaborative efforts are expected. The laboratory offers state-of-the-art cell culture, molecular biology, flow cytometry facilities.

The doctoral education project and the duties of the student

In healthy skin, tissue resident T cells form an efficient barrier against recurrent pathogens but these cells also participate in localized tissue pathology. This doctoral project will focus on human tissue resident T cells in both healthy and diseased skin and is a continuation of an established project (Cheuk et al. *Immunity* 2017). The doctoral student will be immersed in a successful, interdisciplinary collaboration between main supervisor Dr. Liv Eidsmo and co-supervisors Dr. Yenan Bryceson, HERM, Karolinska Institutet, Dr. Keira Melican, Neuroscience Karolinska Institutet and Dr. Marcus Ehrström, Reconstructive Surgery Karolinska University Hospital, all Stockholm, Sweden. We seek a highly motivated student interested in tissue immunology, wishing to pursue a PhD in medical science. The studies will include work on patient material, cell lines and primary skin-derived cells. The work also includes animal model systems and handling of laboratory animals. Methodology will range from advanced cell sorting to cutting-edge molecular and imaging techniques.

Entry requirements for doctoral education at KI

To be eligible for doctoral education following requirements has to be met:

General entry requirements

A person meets the general entry requirements for doctoral/third-cycle/PhD education (according to Higher Education Ordinance Chapt 7, section 39) if he/she:

1. has been awarded advanced/second-cycle/master qualification (i.e. master degree) or
2. has satisfied the requirements for courses comprising at least 240 credits of which at least 60 credits were awarded in the second-cycle/master level, or
3. has acquired substantially equivalent knowledge in some other way in Sweden or abroad.

Specific entry requirements

Proficiency in English equivalent to the course English B/English 6 at Swedish upper secondary school:

Proficiency in the English language can be documented by an internationally recognized test such as TOEFL or IELTS, see web-link below for more information.

Applicants who meet the general entry requirements (1 or 2 above) from a university in one of the Nordic countries fulfill the requirements in English.

For more information regarding general and specific entry requirements: <http://ki.se/en/education/entry-requirements-eligibility-for-doctoral-education>

Skills and personal qualities

- MSc or MD with a background in immunology or tissue biology.
- Knowledge of experimental techniques within immunology and molecular biology.
- We seek enthusiastic and hard-working individuals with a critical mind and a strong drive to pursue a career in science.
- Excellent communication skills and abilities to collaborate and work in a highly dynamic international research team are essential.
- Excellent skills in English, written and spoken.

Assessment criteria

A selection will be made among qualified applicants on the basis of the ability to benefit from doctoral education. Karolinska Institutet uses the following bases of assessment:

- Documented subject knowledge of relevance to the area of research
- Analytical skill
- Other documented knowledge or experience that may be relevant to doctoral studies in the subject

The qualifications of the applicants will be evaluated on an overall basis.

Terms and conditions

All doctoral students at KI receive financial support during their doctoral education and employment on a doctoral studentship is the most common sort of support. During the time between recruitment and admission a short-term employment can be offered for up to 6 months.

Application process

An application must contain the following documents in Swedish or English:

- A personal letter and curriculum vitae

- A copy of degree certificates and associated certificates
- A copy of degree projects and any previous publications

The application is to be submitted through the MyNetwork recruitment system.

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.

Pursuant to the regulations of the Swedish National Archives, applications are kept on file for two years after the appointment has gained legal force. The regulations do not apply to attachments that have been printed or otherwise published.

Karolinska Institutet strives to provide a workplace that has approximately the same number of women and men, is free of discrimination and offers equal opportunity to everyone.

For temp agencies and recruiters, and to salespersons: We politely, yet firmly, decline direct contact with temp agencies and recruiters, as well as those selling additional job announcements.

Type of employment

Doktorandplats

Contract type

Full time

Reference number

2-1059/2017

Contact

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Union representative

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*Karolinska Institutet använder Varbi som
rekryteringssystem i rekryteringsprocessen.*

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