

Nordic EMBL Partnership for Molecular Medicine

The Nordic EMBL Partnership for Molecular Medicine of the EMBL, Institute for Molecular Medicine Finland (FIMM, www.fimm.fi), Centre for Molecular Medicine Norway (NCMM, www.ncmm.uio.no) and Laboratory for Molecular Infection Medicine Sweden (MIMS, www.mims.umu.se) is dedicated to research excellence in the growing field of life sciences that investigates the molecular basis of disease and explores molecular and genetic based treatments. Aiming to combine complementary strengths in the Nordic EMBL Partnership each partner brings in a unique set of expertise, skills, and facilities encompassing EMBL's recognized research strengths in the areas of molecular, cellular and developmental biology, bioinformatics and structural biology complemented by NCMM's expertise in molecular mechanisms of disease, MIMS' focus on microbial pathogenicity and molecular infection medicine, and FIMM's strength in human genomics and medical systems biology which equip the partners to tackle some of the most challenging problems of biomedicine. The Partnership provides access to scientific infrastructure, including databases, facilities and instrumentation, as well as to clinical materials and networks and training activities provided by the partners and adopts the EMBL model for international recruitment and scientific reviews.

The Nordic EMBL Partnership is now seeking outstanding international candidates for the positions of

PhD Students in Molecular Medicine

FIMM: Helsinki, Finland > Molecular Medicine

The Institute for Molecular Medicine Finland (FIMM) is an international research institute, Technology Centre, and Biobank, focused on building a bridge from discovery to medical applications. The research areas at FIMM include: 1) human genomics, 2) medical systems biology, and 3) translational research. FIMM Technology Centre houses and further develops infrastructure for genomics, bioinformatics, and high throughput screening. Applications are sought in the areas of: cancer systems biology, human disease genomics, medical systems virology, mouse cancer genetics, mouse models of lung cancer, and cancer-related chemical biology. Details of the application procedure can be found at www.fimm.fi/en/open_positions/.

MIMS: Umeå, Sweden > Molecular Infection Medicine

The aim of MIMS is to strengthen Swedish research and enhance the dynamics in the field of molecular medicine, partly by promoting the career opportunities for young scientists. MIMS is established within the Umeå Centre for Microbial Research (UCMR, www.ucmr.umu.se) that includes researchers active in the fields of molecular and clinical microbiology, molecular biology, chemistry, and physics. The research groups have a pronounced international profile. MIMS and UCMR are affiliated with both the Faculty of Medicine and the Faculty of Science and Technology and are closely connected to the university hospital (Norrlands University Hospital). Applications are sought in the following areas: Virulence gene regulons in pathogenic *Escherichia coli*; RNA-mediated virulence regulation in bacterial pathogens; RNA-based immunity against exogenous virulence genes in the human pathogen *Streptococcus pyogenes*; Innate

immunity – Mechanism governing regulation pattern recognition receptors during infection and inflammation; Investigation of cellular factors contributing to tick-borne encephalitis virus pathogenicity; and Virus-host interactions – Molecules and mechanisms involved in virus binding to host cells; Type III secretion mechanism in *Yersinia* and *Pseudomonas*. More information and details of the application procedure can be found at www.mims.umu.se.

NCMM, Oslo, Norway > Molecular Medicine

The overall objective of the Centre for Molecular Medicine Norway (NCMM) is to facilitate translation of discoveries in basic medical research into clinical practice. NCMM focuses particularly on disease mechanisms where Norway has clear strengths and investigates mechanisms of non-communicable diseases such as cancer, cardiovascular and CNS-related disease and immune disorders. NCMM develops and adapts technologies for personalised medical applications and unravels new diagnostic methods and drug targets. Applicants are sought in the following area: analyses of molecular processes during normal and malignant hematopoiesis. Details of the application procedure can be found at www.ncmm.uio.no/open-positions/.

The submission deadline for positions at FIMM, MIMS and NCMM varies. Please see the specific call texts at the appropriate websites for the institute(s) of interest.

For further details and more comprehensive position descriptions please visit the websites of **FIMM** (www.fimm.fi), **MIMS** (www.mims.umu.se) and **NCMM** (www.ncmm.uio.no). Applications for all positions should be sent electronically following the instructions given by the institutes' websites.