



ÉCOLE POLYTECHNIQUE  
FÉDÉRALE DE LAUSANNE

## Tenure-track Assistant Professorships in Statistical Genetics and Bioinformatics at Ecole Polytechnique Fédérale de Lausanne (EPFL)

The Faculty of Life Science (<http://sv.epfl.ch>) of the Swiss Federal Institute of Technology Lausanne (EPFL) seeks a **tenure track Assistant Professor** in the field of Statistical Genetics and Bioinformatics.

The open faculty position is offered in an environment of translational biomedical research, rich for seeking deeper understanding of integrative (patho) physiological mechanisms contributing to the development of complex diseases, with as ultimate goal the development of novel preventive and therapeutic approaches. The Faculty of Life Sciences has recently opened the Center of PhenoGenomics, a state-of-the-art platform that combines the capacity to generate and analyze mouse models of disease in a high throughput fashion. The Faculty of Life Sciences furthermore fosters interactions with other relevant domains of the EPFL, such as the Faculty of Basic Sciences (mathematics, statistics) and of Information and Communication Technologies. In addition close ties exist with relevant clinical departments at the Centre Hospitalier Universitaire Vaudois (CHUV), with the Faculty of Biology and Medicine of the University of Lausanne, and with the Swiss Institute of Bioinformatics.

The candidate should be trained in statistical genetics and in bioinformatics. Skills in clinical genetics as applied to mouse or human disease models, biomedical informatics, and databases/programming would be a plus.

He/she is expected to develop an independent and creative research program that will improve the analysis of large data sets derived from clinical, genetic, genomic, proteomic, and phenomic analyses of genetically engineered mouse models, of mouse genetic reference populations, and of human populations. Successful candidates will participate in undergraduate and graduate teaching.

While the faculty search will be ongoing, we will begin considering applications in **September 2010**.

Applications should be uploaded at  
<http://biostatsearch.epfl.ch>

Inquiries and questions may be addressed to:  
**Professor Johan Auwerx**  
[biostat.search@epfl.ch](mailto:biostat.search@epfl.ch)

For additional information on the School of Life Sciences and EPFL, please consult <http://sv.epfl.ch/> and <http://www.epfl.ch>, respectively.

EPFL is committed to expanding the ranks of women on its faculty, and qualified women are strongly encouraged to apply.

W199930R

Need to find  
the ideal  
candidate  
*fast?*

Visit  
**www.  
naturejobs  
.com**

to discover  
how applicants  
can respond  
directly to you  
by email.

**naturejobs**  
making science work



Weill Cornell Medical College in Qatar

### Postdoctoral Position in Genetics and Neuroscience

The Neurogenetics laboratory at the Weill Cornell Medical College in Qatar, seeks well-qualified candidates for an open postdoctoral position to study the genetic causes of developmental brain disorders including neural tube defects (spina bifida and anencephaly) and cortical brain malformations. A strong background in molecular genetics is required, including but not limited to skills in linkage analysis, positional cloning, genome wide association studies, micro array and genome sequence analysis. Experience in investigations of basic developmental neurobiology or developmental disorders in animal models is highly desirable. The Lab is interested in the identification and characterization of genes associated with disordered human brain development. Successful candidates will work with a team of investigators at WCMC in Qatar and in New York. The New York counterpart is the Laboratory of Neurogenetics and Development lead by Dr. M. Elizabeth Ross at Weill Cornell and training will involve resources made available from both the Qatar and New York campuses. More details about the Lab environment at WCMC-Q are available at <http://qatar-weill.cornell.edu/research/index.html>

WCMC-Q is located in Doha, Qatar, within Education City, a campus that hosts six major U.S. universities. Doha is a pleasant modern multicultural city. Salary is commensurate with experience and is accompanied by an attractive foreign service benefits package including paid housing and a car allowance. All WCMCQ postdoctoral associates are appointed by the academic departments at WCMC New York. Qualified applicants are invited to submit a curriculum vitae and a letter of interest outlining their experience to <http://job.qatar-med.cornell.edu>\*

\* Please select the appropriate position under the Academic positions, complete requested information, and upload documents.

Please note that due to the high volume of applications, only short-listed candidates will be contacted.

Cornell University is an equal opportunity, affirmative action educator and employer.

NW199850R

### President & Chief Executive Officer



GenomeCanada

Genome Canada is a not-for-profit organization with a mandate from the Government of Canada to develop and implement a national strategy in genomics research for the benefit of all Canadians. Since Genome Canada's inception in 2000, the federal government, along with key partners, have invested over \$1.5B in genomic research initiatives in sectors of strategic importance to Canada; namely, health, agriculture, environment, forestry, and fisheries. Looking ahead, Genome Canada will continue to play an important role as a catalyst for scientific innovation and Canadian economic prosperity.

As the President & CEO, working alongside a highly skilled executive team and Board of Directors, you champion a compelling vision for an organization that is uniquely situated at the intersection of science and business. Achieving Genome Canada's mission is a collaborative effort involving industry, government and academic partners, funders, granting agencies and colleagues across Canada's six Genome Centres. Your leadership role is therefore both facilitative and transformative as you build the necessary consensus and momentum to move Canadian genomics research to commercial application; thus generating economic benefit for Canada. With a creative and entrepreneurial touch, you garner financial support from governments, the academy and industry to ensure a diversified investment portfolio. As key spokesperson for Genome Canada, you impact public policy by demonstrating how Canada benefits from its investments in large scale genomics research.

As the ideal candidate, you have the scientific credibility and stature to position Genome Canada among leading genome organizations worldwide. You are a transformative leader with well-developed skills in communications, strategic planning and visioning, and performance and management excellence. Your experience overseeing large, complex, scientific programs will serve Genome Canada well as will your business savvy, political acuity, and knowledge of government affairs. Your ability to communicate in Canada's two official languages will be considered a desirable asset.

If you are interested in an opportunity to make a lasting mark in Canada and around the world, please forward your resume in confidence to Michael Naufal, Managing Partner, Odgers Berndtson Ottawa at [michael.naufal@odgersberndtson.ca](mailto:michael.naufal@odgersberndtson.ca) or apply online at [www.odgersberndtson.ca/en/careers/9163](http://www.odgersberndtson.ca/en/careers/9163). For information regarding the search timeline and proposed June interview schedule, please call Michael at 613.742.3198.



ODGERS BERNDTSON

VANCOUVER CALGARY TORONTO OTTAWA MONTREAL

50 Offices in 24 Countries Worldwide

[www.odgersberndtson.ca](http://www.odgersberndtson.ca)

NW200085R

# Ce-M-M-

## Research Center for Molecular Medicine of the Austrian Academy of Sciences

CeMM is an international and interdisciplinary research Center in Molecular Medicine installed by the Austrian Academy of Sciences. "From the clinic to the clinic": Driven by medical needs, CeMM integrates basic research and clinical expertise to pursue innovative diagnostic and therapeutic approaches focused on cancer, inflammation and immune disorders. CeMM has a new tailor-made building at the center of the Vienna Medical University/General Hospital Campus and close to the heart of the city. Vienna has recently been ranked the #1 city of the world in terms of quality of life.

### THE 2010 CEMM PHD PROGRAM

For our next PhD Program starting in October 2010, we are looking for exceptionally motivated PhD candidates with a keen interest in genomics and medicine and a strong interest to work in teams. You will get the chance to work at the cutting edge of interdisciplinary molecular medicine research and to be trained by the entire CeMM and associated faculty to become one of the scientists shaping the future of molecular medicine.

- **Systems biology of innate immunity, leukemia and the mechanism of action of drugs** (Ref: PhD GSF)
- **Immunity and atherosclerosis** (Ref: PhD CJB)
- **Innate immune response to bacterial infections** (Ref: PhD SK)
- **Genetic basis of hematological malignancies** (Ref: PhD RK)
- **Genomic approaches to cancer vulnerabilities** (Ref: PhD SN)
- **Epigenetic mechanism in development & disease** (Ref: PhD DB)
- **Chemical biology of chromatin modifications in diabetes and cancer** (Ref: PhD SKub)
- **Molecular genetics of primary immunodeficiencies/immunodeficiency disorders** (Ref: PhD KBoz)

Please send your application, using the reference code of your preferred CeMM groups (up to three) to:  
Mrs. Anita Ender, application@cemm.at

Candidates should submit: a cover letter, a curriculum vitae, names and contact details of two suggested referees.


**Deadline: May 31, 2010**

The official language at CeMM is English.  
CeMM is an equal opportunity employer.

Please visit our website: [www.cemm.at](http://www.cemm.at)

Met -Val  
-His-Leu-Thr-Pro-Glu  
-Glu-Lys-Ser-Ala-Val-Thr-Ala  
-Leu-Thr-Trp-Gly-Lys-Val-Asn-Val  
-Asp-Glu-Val-Gly-Gly-Glu-Ala-Leu-G  
-Arg-Leu-Leu-Val-Val-Thr-Tyr-Pro-Thr  
-Thr-Gln-Arg-Phe-Phe-Glu-Ser-Phe-Gly  
-Leu-Ser-Thr-Pro-Asp-Ala-Val-Met-Gly-As  
-Lys-Val-Lys-Ala-His-Gly-Lys-Lys-Val-Le  
-Ala-Phe-Ser-Asp-Gly-Leu-Ala-His-Leu-As  
-Leu-Lys-Gly-Thr-Phe-Ala-Thr-Leu-Ser-Glu  
-His-Cys-Asp-Lys-Leu-His-Val-Asp-Pro-Glu-Asn  
-Arg-Leu-Leu-Gly-Asn-Val-Leu-Val-Cys-Val-Leu  
-His-His-Phe-Gly-Lys-Glu-Phe-Thr-Pro-Pro-V  
-Gln-Ala-Ala-Thr-Tyr-Gln-Lys-Val-Val-Ala-Gly-Va  
-Ala-Asn-Ala-Leu-Ala-His-Lys-Thr-Tyr-His-Met  
-Val-His-Leu-Thr-Pro-Glu-Glu-Lys-Ser-Ala-Val  
-Thr-Ala-Leu-Thr-Trp-Gly-Lys-Val-Asn-Val  
-Asp-Glu-Val-Gly-Gly-Glu-Ala-Leu-Gly-Arg  
-Leu-Leu-Val-Val-Thr-Tyr-Pro-Thr-Trp-Thr  
-Gln-Arg-Phe-Phe-Glu-Ser-Phe  
-Gly-Asp-Leu-Ser-Thr-Pro  
-Asp-Ala-Val-Met-Gly-Asn  
-Pro-Lys-Val-Lys-Ala-His  
-Gly-Lys-Lys-Val-Leu-Gly-Ala  
-Phe-Ser-Asp-Gly-Leu-Ala  
-Leu-Asp-Asn-Leu-Lys-Gly-Th  
-Ala-Thr-Leu-Ser-Glu-Leu  
-Asp-Lys-Leu-His-Val-Asp-Pr  
-Phe-Arg-Leu-Leu-Gly-Asn-  
-Cys-Val-Leu-Ala-His-His-Phe  
-Phe-Thr-Pro-Pro-Val-Gln-Ala-A  
-Lys-Val-Val-Ala-Gly-Val-Ala-Asn  
-Lys-Thr-Tyr-His-Met-Val-His-Leu-  
-Lys-Lys-Thr-Tyr-His-Met-Val-His-Leu-Thr-Tr  
-Val-Asp-Glu-Val-Gly-Gly-Glu-Ala-Leu  
-Val-Val-Thr-Tyr-Pro-Thr-Trp-Thr-Gln-Al  
-Phe-Gly-Asp-Leu-Ser-Thr-Pro-Asp-Ala-V  
-Lys-Val-Lys-Ala-His-Gly-Lys-Lys-Val-Leu-G  
-Gly-Leu-Ala-His-Leu-Asp-Asn-Leu-Lys-Gl  
-Leu-Ser-Glu-Leu-His-Cys-Asp-Lys-Leu-His  
-Asn-Phe-Arg-Leu-Leu-Gly-Asn-Val-Leu-Val  
-His-His-Phe-Gly-Lys-Glu-Phe-Thr-Pro-Pro-  
-Thr-Tyr-Gln-Lys-Val-Val-Ala-Gly-Val-Ala-A  
-His-Lys-Thr-Tyr-His-Met-Val-His-Leu-Thr-P  
-Ser-Ala-Val-Thr-Ala-Leu-Thr-Trp-Gly-Ly  
-Asp-Glu-Val-Gly-Gly-Glu-Ala-Leu-Gly-Arg  
-Val-Thr-Tyr-Pro-Thr-Trp-Thr-Gln-Arg-P  
-Ser-Phe-Gly-Asp-Leu-Ser-Thr-Pro-Asp-A  
-Gly-Asp-Pro-Lys-Val-Lys-Ala-His-Gly-Lys-L

Met -Ala  
-Leu-Thr-Trp-Met  
-Arg-Leu-Leu-Pro-Leu  
-Leu-Ala-Leu-Leu-Ala-Leu  
-Thr-Trp-Gly-Pro-Asp-Pro-Ala  
-Ala-Ala-Phe-Val-Asn-Gln-His  
-Leu-Cys-Gly-Ser-His-Leu-Val-Glu  
-Ala-Leu-Thr-Tyr-Leu-Val-Cys-Gly  
-Glu-Arg-Gly-Phe-Phe-Thr-Tyr-Thr  
-Pro-Lys-Thr-Arg-Arg-Glu-Ala-Glu  
-Asp-Leu-Gln-Val-Gly-Gln-Val-Glu  
-Leu-Gly-Gly-Gly-Pro-Gly-Ala-Gly  
-Ser-Leu-Gln-Pro-Leu-Ala-Leu-Glu  
-Gly-Ser-Leu-Gln-Lys-Arg-Gly-Ile  
-Val-Glu-Gln-Cys-Cys-Thr-Ser-Ile  
-Cys-Ser-Leu-Thr-Tyr-Gln-Leu-Glu  
-Asn-Thr-Tyr-Cys-Asn-Met-Ala-Leu  
-Thr-Trp-Met-Arg-Leu-Leu  
-Pro-Leu-Leu-Ala  
-Leu-Leu-Ala-Leu  
-Thr-Trp-Gly-Pro-Asp-Pro-Ala  
-Ala-Ala-Phe-Val-Asn-Gln-His-Leu-Cys-Gly-Ser  
-His-Leu-Val-Glu-Ala-Leu-Thr-Tyr-Leu-Val-Cys-Gly-Glu-Arg  
-Gly-Phe-Phe-Thr-Tyr-Thr-Pro-Lys-Thr-Arg-Arg-Glu-Ala-Glu-Asp  
-Leu-Gln-Val-Gly-Gln-Val-Glu-Leu-Gly-Gly-Gly-Pro-Gly-Ala-Gly-Ser  
-Leu-Gln-Pro-Leu-Ala-Leu-Glu-Gly-Ser-Leu-Gln-Lys-Arg-Gly-Ile-Val-Glu  
-Gln-Cys-Cys-Thr-Ser-Ile-Cys-Ser-Leu-Thr-Tyr-Gln-Leu-Glu-Asn-Thr-Tyr-Cys  
-Asn-Met-Ala-Leu-Thr-Trp-Met-Arg-Leu-Leu-Pro-Leu-Leu-Ala-Leu-Leu-Ala-Leu  
-Thr-Trp-Gly-Pro-Asp-Pro-Ala-Ala-Phe-Val-Asn-Gln-His-Leu-Cys-Gly-Ser  
-His-Leu-Val-Glu-Ala-Leu-Thr-Tyr-Leu-Val-Cys-Gly-Glu-Arg-Gly-Phe-Phe-Thr-Tyr  
-Thr-Pro-Lys-Thr-Arg-Arg-Glu-Ala-Glu-Asp-Leu-Gln-Val-Gly-Gln-Val-Glu-Leu  
-Gly-Gly-Gly-Pro-Gly-Ala-Gly-Ser-Leu-Gln-Pro-Leu-Ala-Leu-Glu-Gly-Ser-Leu  
-Gln-Lys  
-Leu-Glu  
-Leu-Ala  
-Gln-His  
-Glu-Arg  
-Asp-Leu  
-Leu-Gln  
-Gln-Cys  
-Asn-Met  
-Leu-Ala  
-Gln-His  
-Cys-Gly  
-Glu-Ala  
-Pro-Gly



**CENTER FOR MOLECULAR MEDICINE AND GENETICS**

WAYNE STATE UNIVERSITY

The Center for Molecular Medicine and Genetics (CMMG) at Wayne State University School of Medicine, Michigan, USA, has **tenure track positions in Population Genetics/Genomics at the Assistant and Associate Professor levels.**

CMMG (<http://cmmg.biosci.wayne.edu/>) is principally a basic and translational research unit of PhD, MD, and MD/PhD scientists with strong research interests in neurodegenerative diseases such as multiple sclerosis, epilepsy, and peripheral neuropathy, mitochondrial disorders, vascular biology, cancer, male infertility and parturition. Many programs within the Center use high throughput comparative, evolutionary, and functional genomics, gene ablation and transgenic mouse approaches. The Center also hosts an outstanding program in Genetic Counseling and offers the PhD in Molecular Biology and Genetics with concentrations in Neuroscience and in Computational Biology.

Applicants should have strong research interests in population genetics/genomics and in developing an independent research program that would take advantage of the rich diversity of basic and translational research and cutting edge technologies within the Center. Applicants would be expected to contribute to the teaching mission of the Center in training graduate and medical students.

Please email applications comprising a 3-5 year research development plan/research program, C.V. and contact details for 3 references to:

**Ms Suzanne Shaw, [sshaw@med.wayne.edu](mailto:sshaw@med.wayne.edu).**  
Tel: 313 577-5325, Fax: 313 577-5218. NW19982R



**Post-doctoral and Young Investigator Awards in São Paulo, Brazil**

Established in 1962, the São Paulo Research Foundation, FAPESP, is one of the main research funding agencies in Brazil. With a US\$ 400 million budget for 2009, it supports 11,000 scholarships and 8,000 research awards. In addition to supporting all fields of science, FAPESP has special research programs in biodiversity, bioenergy, global climate change, neuroscience, information technology and public policy. The State of São Paulo, in Brazil, is a dynamic, fast growing center with a population of 40 million people, producing 40% of Brazil's industrial output. Higher education and research institutions in São Paulo awarded 4,900 PhD degrees last year.

**Post-doctoral positions:** FAPESP invites talented researchers with a recent PhD degree and a successful research track record to apply for postdoctoral fellowships. Currently 16 positions are open (<http://www.fapesp.br/opp>) associated with projects with secured funding in molecular and cell biology, immunology, plant genetics, biochemistry and education. Postdoctoral fellows benefit from a highly collaborative, stimulating research environment and access to world-class university research and teaching. Appointments are for one year, renewable for up to three or four years, according to each opening. The stipend is equivalent to (estimated using the official exchange rate in October, 2009) US\$ 32,000/year plus roundtrip air tickets for researcher and family, support for relocation expenses, and research contingency funds of US\$ 4,700/year. Awards are competitive, with selection emphasis placed on research promise. For additional information: [pd@fapesp.br](mailto:pd@fapesp.br).

**Young Investigator Awards:** FAPESP's Young Investigator Awards envisage creating new research groups led by highly promising early-career scientists in any field of knowledge (<http://www.fapesp.br/yia>). Selected candidates will receive a fellowship and sizable research funds for full development of their research project (up to 48 months). Candidates are encouraged to develop their research interests in association with faculty in higher education and research institutions in São Paulo. Highlighted research areas are bioenergy, neurosciences, climate change, cancer, materials science, optics and photonics, urban studies and violence, but proposals in other fields will be considered. Selection is through peer review.

For guidance and further information: [yi@fapesp.br](mailto:yi@fapesp.br).  
Additional information: (<http://www.fapesp.br/en>)

NW199317A



UNIVERSITY OF CAMBRIDGE

A world of opportunities  
[www.cam.ac.uk/jobs/](http://www.cam.ac.uk/jobs/)

Genetic and Molecular Mechanisms in Human Obesity  
**Postdoctoral Research Associates (2 posts)**  
£27,319 to £35,646 pa  
Limit of tenure applies\*

We are seeking two experienced and highly-motivated postdoctoral research associates with a strong track record of research accomplishment and publications. You will join an internationally recognised multidisciplinary research group with a focus on genetic and molecular mechanisms underlying human obesity within the purpose built Institute of Metabolic Science at Addenbrooke's Hospital, Cambridge <http://www.mrl.ims.cam.ac.uk/>

The aim of our research programme is to identify novel genes, molecular and physiological mechanisms involved in human obesity and its complications. The research studies on which you will work are funded by a Wellcome Trust Senior Fellowship to Dr Sadaf Farooqi (Post 1) and a MRC Programme Grant to Professor Stephen O'Rahilly (Post 2).

**Post 1 – Genetics (Vacancy Ref. RG06594):** We are complementing our continuing candidate gene approach with high-density SNP-array based approaches to gene discovery. These include autozygosity mapping in consanguineous pedigrees, assessment of copy number variation (Nature 2010) and whole exome sequencing. You will hold a PhD in genetics or a relevant discipline, combined with extensive molecular biology experience and substantial experience in the analysis and manipulation of large datasets using current bioinformatics tools and resources.

**\*Limit of tenure: 30th November 2012 in the first instance**

**Post 2 – Molecular Biology (Vacancy Ref. RG06595):** You will be involved in the characterization of the function of novel genes that are emerging from our programme of gene discovery. You will hold a PhD in molecular biology, biochemistry or a relevant discipline, with substantial experience in a broad range of techniques including cloning, cell culture, in situ hybridization, confocal microscopy, cell signalling assays and protein biochemistry.

**\*Limit of tenure: Up to 44 months**

Applications including CV, covering letter, names and addresses of three referees and a completed PD18 form (available on <http://www.mrl.ims.cam.ac.uk/>) should be sent to: Dr Sadaf Farooqi, Metabolic Research Laboratories, Institute of Metabolic Science, Box 289, Addenbrooke's Hospital, Hills Road, Cambridge, CB2 0QQ, UK from whom further information can be obtained (email: [isf20@cam.ac.uk](mailto:isf20@cam.ac.uk)) Please quote the relevant reference. Closing date: 7th June 2010.

The University is committed to Equality of Opportunity.

U200053R

“When trying to recruit good scientists for such a remote institutions like ours, in the Canary Is., the high visibility and wide-range exposure that Naturejobs provides has been crucial. I'm very happy to have international candidates who applied to our position from places ranging between St. Petersburg and Cincinnati. Thanks a lot!”

**Eduardo Salido, MD, PhD,  
Hospital Universitario de Canarias**

**naturejobs**