The Institute for Molecular Medicine Finland (FIMM) is an international research institute in Helsinki focusing on human genomics and personalised medicine. FIMM integrates molecular medicine research, technology centre and biobanking infrastructures and thereby promotes translational research and adoption of personalised medicine in health care. FIMM researchers are involved in grand challenge projects, such as the impact of genome information on personalised health and medical interventions, development of individualised cancer medicine and novel diagnostics via imaging of tissue and cells. FIMM offers postdoctoral researchers an internationally recognized, unique research environment with an exciting combination of basic and translational research. FIMMPOD is a professional developmental program for the postdoctoral and senior researchers within FIMM and aims to enhance research experiences and career opportunities.

We now invite applications for four postdoctoral researcher positions in the following FIMM research groups.

FIMM Research Groups

The **Computational Systems Medicine** group led by Tero Aittokallio focuses on developing and applying integrated computational-experimental models for the prediction of system-level phenotypic responses to genetic and chemical perturbations. The current research topics include 1) network pharmacology approaches for drug response modelling, 2) prediction of synthetic lethal interactions for anticancer treatment, and 3) identification of molecular markers predictive of medical outcomes. The **Computational Systems Medicine group** is seeking outstanding candidates for one postdoctoral researcher position.

The **Cancer Chemical Systems Medicine** group led by Krister Wennerberg focuses on gaining fundamental, novel understanding of pancreatic and ovarian cancer and acute myeloid leukemia by using a chemical systems medicine approach. The research group aims to define and understand the molecular mechanisms driving the cancers and to discover novel personalized therapeutic strategies, in particular by defining their drug responses and overcoming mechanisms of resistance. The **Cancer Chemical Systems Medicine group** is seeking outstanding candidates for two postdoctoral researcher positions.

The **Personalized Cancer Medicine** group led by Caroline Heckman aims to understand pathogenic and drug resistance mechanisms in hematological cancers. The research involves a systems approach to analyze patient samples by deep molecular profiling, functional drug testing and xenograft modeling. Current topics include identifying new treatments for high-risk, relapsed/refractory myeloma and leukemia patients and understanding the impact of tumor microenvironment on drug resistance. The **Personalized Cancer Medicine group** is seeking outstanding candidates for one postdoctoral researcher position.

Please see the specific calls for applications at the FIMM website for comprehensive position descriptions.

How to apply

**Eligibility and Requirements**
Candidates are expected to hold a PhD degree in a suitable field and be fluent in English. See the specific calls for applications at the FIMM Open Positions website for position descriptions: [https://www.fimm.fi/en/open-positions](https://www.fimm.fi/en/open-positions)

**Applications**
Appication deadline is 31.10.2015 at 16.00 EET. Applications are submitted by completing the online application form and submitting a CV and a cover letter as a single PDF file (max 5 pages) in English via the online application form: [https://elomake.helsinki.fi/lomakkeet/63189](https://elomake.helsinki.fi/lomakkeet/63189).

For more information please see: [www.fimm.fi/en/training/fimmpod](http://www.fimm.fi/en/training/fimmpod)