

Juho Miettinen  
Postdoctoral Researcher  
Institute for Molecular Medicine Finland  
**Postal address:**  
PL 20 (Tukholmankatu 8)  
00014  
Finland  
**Email:** juho.miettinen@helsinki.fi  
**Mobile:** +358504489362  
**Phone:** +358294125735



## Description of research and teaching

My current work at FIMM is focused on understanding the mechanisms of pathogenesis and drug resistance in hematological malignancies, more specifically in multiple myeloma (MM) and acute myeloid leukemia (AML). This research requires the combination of high throughput drug sensitivity and resistance testing, NGS, and quantitative proteomics. Aims of the work are to identify new treatment strategies for patients with recurrent disease, identify new biomarkers for treatment response, and to develop new methods for patient stratification.

## Qualifications

Biochemistry, Doctor of Philosophy, Faculty of Biological and Environmental Sciences  
1 Jan 2009 → 23 Jan 2015

Biochemistry, Master of Science, Faculty of Biological and Environmental Sciences  
1 Aug 2003 → 18 Jun 2008

PhD student / Research scientist, Institute of Biotechnology  
15 Sep 2008 → 30 Apr 2015

Undergraduate student / Research assistant  
1 Jun 2003 → 1 Aug 2007

University studies in biology and biochemistry, University of Eastern Finland (UEF)  
15 Aug 2000 → 31 Jul 2003

## Publications

### **HSV-1 ICP27 targets the TBK1-activated STING signaling to inhibit virus-induced type I IFN expression**

Christensen, M. H., Jensen, S. B., Miettinen, J. J., Luecke, S., Prabakaran, T., Reinert, L. S., Mettenleiter, T., Chen, Z. J., Knipe, D. M., Sandri-Goldin, R. M., Enquist, L. W., Hartmann, R., Mogensen, T. H., Rice, S. A., Nyman, T. A., Matikainen, S. & Paludan, S. R., 27 Jul 2016, In : EMBO Journal. 2016, 35, p. 1385-1399 15 p.

### **Monosodium Urate Activates Src/Pyk2/PI3 Kinase and Cathepsin Dependent Unconventional Protein Secretion From Human Primary Macrophages**

Välimäki, E., Miettinen, J. J., Lietzen, N., Matikainen, S. & Nyman, T. A., Mar 2013, In : Molecular & Cellular Proteomics. 12, 3, p. 749-763 15 p.

### **Global Secretome Characterization of Herpes Simplex Virus 1-Infected Human Primary Macrophages**

Miettinen, J. J., Matikainen, S. & Nyman, T. A., Dec 2012, In : Journal of Virology. 86, 23, p. 12770-12778 9 p.

### **Claudin-like protein 24 interacts with the VEGFR-2 and VEGFR-3 pathways and regulates lymphatic vessel development**

Saharinen, P. I., Heloterä, H., Miettinen, J., Norrmén, C., D'Amico Lago, G. V., Jeltsch, M., Langenberg, T., Vandevelde, W., Ny, A., Dewerchin, M., Carmeliet, P. & Alitalo, K., 2010, In : Genes & Development. 24, 9, p. 875-880 6 p.

### **Angiopoietins assemble distinct Tie2 signalling complexes in endothelial cell-cell and cell-matrix contacts**

Saharinen, P., Eklund, L., Miettinen, J., Wirkkala, R., Anisimov, A., Winderlich, M., Nottebaum, A., Vestweber, D., Deutsch, U., Koh, G. Y., Olsen, B. R. & Alitalo, K., 2008, In : Nature Cell Biology. 10, 5, p. 527-537 11 p.

## Activities

**24th European Hematology Association (EHA) Congress**

Juho Miettinen (Attendee)  
13 Jun 2019 → 16 Jun 2019

**23rd European Hematology Association Congress**

Juho Miettinen (Attendee)  
14 Jun 2018 → 17 Jun 2018

**European Hematology Association (External organisation)**

Juho Miettinen (Member)  
2018 → ...

**8th Annual Network Meeting of the Nordic EMBL Partnership for Molecular Medicine: Main Meeting**

Juho Miettinen (Attendee)  
6 Sep 2017 → 7 Sep 2017

**FIMM Annual Scientific Retreat 2017**

Juho Miettinen (Member of organizing committee)  
8 Jun 2017 → 9 Jun 2017

**Helsinki Hematology Day 2017**

Juho Miettinen (Attendee)  
16 Feb 2017

**Euroconference on Angiogenesis**

Juho Miettinen (Attendee)  
21 May 2004 → 24 May 2004