

Xavier Robin

Current position Post-doc in Science in the Cellular Signal Integration Group, Center for Biological Sequence Analysis, Department of Systems Biology, Technical University of Denmark, Copenhagen, Denmark.

Personal information

- Nationality : Switzerland
- Born : 9 January 1983
- Place of birth : Lancy, Geneva

Contact information Professional address:

- Anker Engelundsvej, Building 301 DK-2800 Lyngby, Denmark
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Private address:

- Vesterbrogade 39.2 th DK-1620 København V, Denmark
- Mobile: +45 42 799 833
- Website: <http://xavier.robin.name>

Areas of expertise	<ul style="list-style-type: none"> • Systems biology, cell signaling, network analysis • High-throughput microscopy image analysis • Data analysis (ROC curves, biomarkers, supervised learning) • Bioinformatics programming (R, perl, java) • Web development (including database design)
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Scientific tools

- MIAPEGelDB: a web interface to create MIAPE-gel-compliant documents miapegeldb.expasy.org
- pROC: a package for R and S+ to build and analyze ROC curves www.expasy.org/tools/pROC
- PanelomiX: a framework and tool to create threshold-based biomarker panels www.panelomix.net

Research Experience 2014 Technical University of Denmark
 Postdoc

- Analysis of high-throughput microscopy images to determine the structure of the cell signaling network
- Network drugs and biomarkers

2013 Technical University of Denmark
 Postdoctoral fellow

- Funded by the Swiss National Science Foundation

Education 2007 – 2012 University of Geneva
 PhD thesis in sciences, mention interdisciplinary

- "Panels of biomarker to improve patient classification in brain diseases"
- Committee: J.-C. Sanchez, D. Hochstrasser, R. Appel, M. Müller, J. Colinge.

2005 – 2007 University of Geneva
 Master's degree in proteomics and bioinformatics (jointly organized by the faculties of medicine and sciences and the Swiss Institute of Bioinformatics)

- Practical work "Tools for proteomic standards" (web interface for MIAPE documents)

2002 – 2005 University of Geneva
 Bachelor in biology (faculty of sciences)

Publications C. f. annex

Awards and Grants 2002 Federal maturity, Geneva
• Prix Denise Lecoultre for my maturity work about prion

2008 8th Siena meeting, Siena, Italy
• Swiss Proteomics Society Grant

2008 European BioAlpine Convention, Geneva
• Award for the best poster in the session “beyond discovery in proteomics”

2012 Integrative Network Biology 2012: Network Medicine, Helsingør, Denmark
• Travel Fellowship

2012 Swiss National Science Foundation
• Post-doc fellowship

Teaching activities 2010, 2011 Masters in proteomics and bioinformatics
• Biomarker validation part 2: statistical analysis (1h)
• Combination of biomarkers (2h)

Miscellaneous Peer-reviewed manuscripts for:
• Journal of Proteomics
• Biomarkers
• The Open Proteomics Journal
• Bioinformatics
• Journal of Statistical Software

2012–present
• Member of the editorial board of the Journal of Proteomics