Dr. Matthieu Foll

Curriculum Vitæ Summary

Date of birth: 15th February 1982
Nationality: French
ORCID: 0000-0001-9006-8436
NIH BioSketch
Github organization: github.com/IARCbioinfo
Website: www.rarecancersgenomics.com

Computational Cancers Genomics Team
Genomic Epidemiology Branch
International Agency for Research on Cancer (IARC-WHO)
25 avenue Tony Garnier, 69007 Lyon, France
Email: follm@iarc.who.int
Research Group: www.iarc.who.int/teams-ccg/

Professional Appointments

2021–on **Team Leader**, International Agency for Research on Cancer (IARC-WHO), Lyon, France

2014–2020 **Scientist**, International Agency for Research on Cancer (IARC-WHO), Lyon, France

2012–2014 **Staff Research Scientist**, Swiss Federal Institute of Technology, Lausanne, Switzerland

2007–2012 **Postdoctoral Researcher**, Institute of Ecology and Evolution, University of Berne, Switzerland

Honors and awards

2024–on **Member of the WHO classification of turmours 6th edition subcommittee on computational pathology**, International Agency for Research on Cancer (IARC-WHO), tumourclassification.iarc.who.int/

2023 **Young investigator award**, International Mesothelioma Interest Group (iMig), imig.org

2022–2024 **Chair of the of the Rare Cancers Working Group**, European Prospective Investigation into Cancer and Nutrition (EPIC), epic.iarc.who.int

2022–on **Chair of the Data Science Steering Committee**, International Agency for Research on Cancer (IARC-WHO)

2021–on **Chair of the Health Technologies Pillar**, Scientific Steering Committee of the Lyon Auvergne Rhône-Alpes Canceropole (CLARA), www.canceropole-clara.com

2021–on **lung NET task force member**, European NEuroendocrine Tumors Society (ENETS), www.enets.org

2016–on **Scientific Committee member**, French MESOBANK (virtual mesothelioma national biobank), www.netmeso.fr/netmeso/mesopath-et-mesobank

Education

2004–2007 **PhD in Population Genetics and Evolution**, University of Grenoble, France. theses.hal.science/tel-00216192/

2001–2004 **MSc Computer science and Applied Mathematics, specialization in Bioinformatics**, Grenoble Institute of Technology ENSIMAG, Grenoble, France.

Personal Statement

I am a computational biologist with extensive training in applied mathematics, computer science, bioinformatics, and statistical genetics. During my doctoral and postdoctoral training, I focused on developing new statistical and computational methods to analyze large genomic datasets, including approaches for Bayesian inference, population genetics, and variant detection. Over the past decade, I have led interdisciplinary teams integrating genomics, transcriptomics, and pathology imaging data to advance translational cancer research. In addition to my role as Team Leader, I also coordinate the bioinformatics efforts at the International Agency for Research on Cancer (IARC-WHO). I am particularly involved in the molecular characterization of thoracic tumors such as lung neuroendocrine neoplasms and malignant pleural mesothelioma; in 2015, I created the Rare Cancers Genomics initiative together with Dr. Lynnette Fernandez-Cuesta. As part of these efforts, I have developed and supervised multiple open-source software projects aimed at ultra-sensitive variant calling, integrative multi-omics pipelines, and, more recently, deep-learning–based image analysis, which have accelerated the discovery of new diagnostic and prognostic biomarkers.

Publications

82 publications in international peer-reviewed scientific journals, including 9 publications as first/co-first author, and 15 publications as last/co-last/corresponding author.
14'406 total citations, h-index: 44 (source: Google Scholar).
Full list available at Google Scholar and My NCBI Bibliography.