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Top Skills

Portfolio Management
Biomedical Research
Clinical Trials

Languages

German (Limited Working)
French (Native or Bilingual)
Spanish (Elementary)
English (Full Professional)

Honors-Awards

PhD Award - Société de Biologie de Strasbourg

PhD Award - University of Strasbourg

EMBO Long-term Fellowship “Characterization of metabolic factors required for tumor maintenance in Drosophila”

Best Poster Prize IMP/IMBA Recess 2019

Co-wrote and obtained the stand-alone FWF Grant P35680 "Molecular mechanisms of copy-neutral loss of heterozygosity"

Publications

C/EBP{delta} and STAT-1 are required for TLR8 transcriptional activity.

Time-resolved transcriptomics in neural stem cells identifies a v-ATPase/Notch regulatory loop.

big bang gene modulates gut immune tolerance in Drosophila.

François Bonnay, PhD

Executive Program Manager | Medical University of Vienna, Division of Rheumatology
Vienna, Vienna, Austria

Summary

Facilitator of clinical research: I help accelerating clinical trials validation & increase their impact. I coordinate EU grants, facilitating communication between partners, and helping them reach theirs goals. I created and administrate a research portfolio for a whole division of medical research, helping researchers achieve their objectives in time and on scope. I am an enthusiastic & experienced scientific communicator with a focus on video formats and seminar organization.

Former biomedical researcher (2008-2022) in immunology, cancer and stem cell biology.

Experience

Medical University of Vienna
Executive Program Manager
June 2023 - Present (2 years 3 months)
Vienna

I build and maintain a Portofolio of projects for >40 researchers in clinical, translational & basic science in Rheumatology & Immunology. I help researchers prioritize and build their projects & grant applications, and implement positive change in their research standards.

Coordinator or project manager for three major EU Grants in clinical Rheumatology: AutoPiX, Squeeze and Dark-Matter.
AutoPiX: https://www.autopix-project.eu/ (coordinator)
SQUEEZE: https://squeeze-project.eu/ (coordinator)
DARK-MATTER: https://www.darkmatter-project.eu/ (project manager)
Within these consortiums, I help build and curate deliverables (Reports), oversee finances & contracts, facilitate meetings & assemblies, and help create communication & dissemination.

Broad applicability of a streamlined ethyl cinnamate-based clearing procedure.

The tumor suppressor Brat controls neuronal stem cell lineages by inhibiting Deadpan and Zelda.

I am responsible for the communication, coordination & CTIS submission of Clinical Trials between our clinical center and our European partners: Karolinska Institutet , Leiden University Medical Center , Diakonhjemmet Sykehus , University of Medicine and Pharmacy of Bucharest , Humanitas Research Hospital and the Queen Mary University of London

IMBA - Institute of Molecular Biotechnology, Vienna, Austria
Senior Research Associate
January 2015 - February 2022 (7 years 2 months)
Vienna, Austria

• Research areas: brain development and tumorigenesis, cancer metabolism, and stem cell regulation.
• Discoveries: Innovative discovery of oxidative metabolism's role during tumor immortalization in brain tumors (1st author, Cell, 2020); characterization of the role of RNA-binding factors in neural stem cells regulation (co-1st author, EMBO Reports, 2018).
• Fundings: Wrote & obtained a 400,000 EUR stand-alone grant from the FWF (2021) and an EMBO Long-term fellowship (2015) to fund research.
• Methods: Stem cell culture, 3D organotypic cell culture, genetics, metabolic studies, molecular biology and biochemistry.
• Other achievements: Best Poster Prize IMP/IMBA Recess 2019, organization of scientific events for the broad Viennese scientific community as Postdoc Representative.

Centre national de la recherche scientifique
Research Associate & PhD candidate
September 2009 - November 2014 (5 years 3 months)
IBMC, Strasbourg, France

• Research areas: Transcriptional regulation, NF-kB innate immune responses, gut inflammation and immune tolerance.
• Discoveries: characterization of the role of the nuclear factor Akirin in the transcriptional regulation of NF-kB immune responses (1st author, EMBO Journal, 2014); characterization of a cell junction protein (Big bang) in the immune tolerance of the midgut (co-1st author, PNAS, 2013); developed a drug against the pro-inflammatory NF-kB co-factor Akirin through fluorescent polarization screening and cell culture functional assays.
• Self-funded: grants from the French Minister of Research (2010-2013) and the Cancer Research Association (ARC, 2013-14).
• Methods: Drosophila cell culture, genetics, molecular biology and biochemistry.

• Other achievements: Distinguished with 2 awards for the best PhD from “University of Strasbourg 2015” and from “Société de Biologie de Strasbourg 2015”.

University of Strasbourg
Teacher
January 2010 - May 2013 (3 years 5 months)
Strasbourg Area, France

Teaching & evaluating Cell Biology and Microscopy to 1st year students in biology.

Centre national de la recherche scientifique
Research Intern
January 2009 - June 2009 (6 months)
IBMC, Strasbourg, France

Characterized the antiviral response against Cricket Paralysis Virus in Drosophila melanogaster (published in Journal of Immunology: https://doi.org/10.4049/jimmunol.1102486).

DKFZ German Cancer Research Center
Research Intern
April 2008 - September 2008 (6 months)
Heidelberg, Baden-Württemberg, Germany

Investigated the transcriptional regulation of human Toll-like Receptors during the innate immune response using genetic screening in cell culture.

International Agency for Research on Cancer / World Health Organization
Research Intern
January 2007 - June 2007 (6 months)
Lyon, Auvergne-Rhône-Alpes, France

Investigated the transcriptional regulation of human Toll-like Receptor 8 using genetic screening in primary cultures of keratinocytes and immortalized immune cells.

Education

University of Strasbourg
Doctor of Philosophy - PhD, Cell/Cellular and Molecular Biology · (2010 - 2014)

University of Strasbourg

Master's degree, Immunology · (2008 - 2010)

l'ESTBB

Bachelor's degree, Biochemistry and Molecular Biology · (2005 - 2008)