

Dr. LEPENNETIER Gildas



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Bioinformatician

Biology and Bioinformatic background 4 years of Immunology research

Experience

2016 – Present

Post-Doctoral researcher

- B and T cell immune profiling in Human and Mice
- Multiple sclerosis and brain inflammation research
- Workflow development, Expertise in NGS / Single-cell, Statistics
- Linux and supercluster, pipeline, articles, presentations

Klinikum rechts der Isar der TUM, München

2012 – 2016

PhD student “Evolution of gene architecture in Eukaryotes”

Institute for Evolution and Biodiversity Münster



Scientific articles (top 3)

2019 - Blimp1 Prevents Methylation of Foxp3 and Loss of Regulatory T Cell Identity at Sites of Inflammation. **Cell Reports**

2019 - Optical coherence tomography angiography indicates associations of the retinal vascular network and disease activity in multiple sclerosis. **Multiple Sclerosis Journal**

2018 - Myeloid-derived suppressor cells control B cell accumulation in the central nervous system during autoimmunity. **Nature Immunology**

More articles:

ORCID

0000-0002-1899-3149



Skills

- Independent development of pipeline
- Data analysis (NGS, 10x, Illumina)
- Linux Supercluster (SLURM)
- Solid organisation (Backups, Git)
- Oral presentation
- Scientific publication
- Teaching & Mentoring (Master level)

Languages

French, English, German
R, Python, Bash

Misc.

Steering committee representative (MGSE)
Former Senate member – Poitiers University
Certificate in first aid (2005)
Driving license since 2005



Github: bit.ly/32rkee0

gildas.idi-informatique.fr

BitBucket: bit.ly/3eDJ4tk

Able to work with: deadlines, flexibility, initiative, intercultural competence, independently, out-of-the-box thinking