

Bioinformatics position for omics data integration and analysis
Laboratoire de Biologie Moléculaire et Cellulaire du Cancer (LBMCC)
Kirchberg Hospital, Luxembourg

LBMCC is a private cancer research lab in Luxembourg with a team of 12-15 researchers dedicated to basic and translational cancer research about:

- Cell death modalities;
- Hematopoiesis, anemia, inflammation;
- Epigenetics;
- Identification/validation of biomarkers for prognosis and therapeutic response.

The lab's working language is English.

Further information about LBMCC and recent publications:

https://www.researchgate.net/profile/Marc_Diederich

<https://scholar.google.com/citations?hl=en&user=6lMbxyEAAAAI>

<https://lbmcc.mysciencework.com>

The candidate has:

- a PhD degree;
- good communication and writing skills;
- a good biological knowledge background related to LBMCC's research.

The candidate works in close collaboration with LBMCC scientists and:

- is proficient in biostatistics (regression model, hypothesis testing, etc.) and data analysis using R and Bioconductor;
- uses data from public repositories including the National Cancer Institute (NCI) through Genomic Data Commons (GDC), Gene Expression Omnibus (GEO), the St. Jude Cloud and others;
- has a strong experience in functional analysis including Gene Ontology, KEGG, TFBS enrichment analysis, Cytoscape and others;
- analyses NGS and proteomics data;
- provides statistical analysis support (GraphPad Prism);
- provides computer and network support (Mac/PC).

A personal bioinformatics research background/perspective in hematology/leukemia is considered an advantage.

Please send a letter of interest, CV, list of publications and contact information of three references to:

Prof. Marc Diederich

Fondation de Recherche « Cancer et Sang »

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