

Yenkel Grinberg-Bleyer

CRCN INSERM

ATIP-AVENIR Team leader “Molecular Regulation of Cancer Immunity”

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<http://www.crcl.fr/750-Molecular-regulation-of-immunity-in-cancer.crcl.aspx?language=en-GB#default>

Postdoc offer :

Improving cancer immunity through the modulation of NF-kappaB transcription factors

A full-time postdoctoral position is available in the « Molecular Regulation of Cancer Immunity » team of the Cancer Research Center of Lyon, France. The team studies the NF-kappaB family of transcription factors in T-cell biology, with focus on tumor immunity and autoimmune diseases.

Research project

Understanding the molecular mechanisms orchestrating adaptive immune responses to cancer is of the highest interest to identify novel therapeutic strategies. Our team has identified NF-kappaB as an apex regulator of both effector and regulatory T cell function (*Grinberg-Bleyer Cell 2017, Lalle Scientific Reports 2021, Pichler Immunity 2023, Voisin Frontiers Immunol 2024, Lalle J Exp Med 2024*). The current project, funded by INCA, is bench-to-bedside oriented. It aims to (i) examine the molecular regulation of gene expression in T cells, by NF-kB, (ii) develop improved cellular therapies approaches (CAR-T cells, TCR-T cells) through the modulation of NF-kB activity, and (iii) investigate the relevance of NF-kB targeting in patients with melanoma.

The candidate will utilize unique mouse models, patient samples, high-throughput sequencing, spectral flow cytometry et multi-IF methods.

Scientific environment

The CRCL provides resources to conduct cutting edge collaborative research, outstanding intellectual environments and state-of-the-art facilities. Our ATIP-Avenir labelled team is currently composed of 9 members working collaboratively. The candidate will present her/his work at the weekly lab meeting and monthly seminars of the department. The candidate will be supervised by the PI (YGB) and is expected to train students. The lab language is English.

Applicant profile

The candidate must hold a Ph.D. (or be about to graduate) in immunology. **Experience in flow cytometry and animal handling is mandatory.** Working knowledge in tumor immunology and bioinformatics is a bonus. We are looking for a hard-working, highly motivated candidate, who will be involved in writing grant applications and research papers.

Contract

We offer a 2-year position; salary follows the INSERM grid based on experience. The candidate is expected to look actively for funding opportunities. Starting date: Fall 2024.

Contact

Candidates should email their CV, cover letter, and the names and contacts of two referees, to Yenkel.grinberg-bleyer@lyon.unicancer.fr.