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 the function of T-cell subsets in autoimmunity is of the highest interest to identify novel therapeutic strategies. We have recently shown that discrete NF-kB subunits display selective functions in the biology of Foxp3+ regulatory T cells (Treg) in cancer and autoimmunity. Intriguingly, our preliminary data suggests that NF-kB may also be implicated in regulating the biology of effector (Teff) T cells. The current project therefore aims at understanding the roles of the different NF-kB subunits in Teff cells in the context of EAE and colitis. The candidate will utilize unique mouse models and cutting-edge tools to evaluate the contribution of NF-kB to Teff cell biology.

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 6 members working collaboratively and seeks for rapid expansion. The candidate will present her/his work at the weekly lab meeting and monthly seminars of the Immunity, Virus and Inflammation 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 autoimmunity, CRISPR-Cas9 gene editing and bioinformatics is a bonus. We are looking for a hard-working, highly motivated candidate, who will be involved in writing grants and research papers. Starting date between May and July 2020 is expected.

Contract
We offer a 1-year position; salary follows the INSERM grid based on experience. The candidate is expected to look actively for funding opportunities.

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