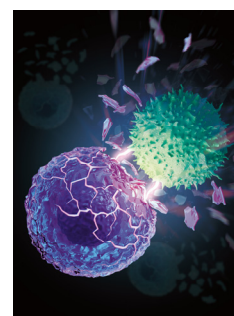
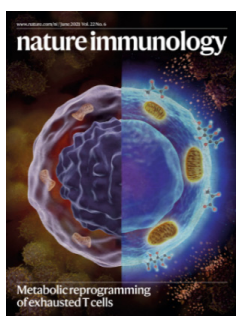


Postdoctoral position opening in cancer immunotherapy and immunoengineering at EPFL, Switzerland

One full-time postdoctoral position in cancer immunotherapy and immunoengineering projects is immediately available in the Tang lab (tang-lab.epfl.ch) at Swiss Federal Institute of Technology in Lausanne (EPFL), Switzerland. The salaries and benefits for postdoctoral researchers are internationally competitive at EPFL. The working language is English.

Tang lab's research aims at developing novel strategies to engineer immunity-disease interactions, an emerging field called 'immunoengineering', through chemical, metabolic, and mechanical means in order to treat cancer safely and effectively with immunotherapies. For example, one such strategy is metabolic reprogramming by upregulating mitochondrial pyruvate carrier-dependent OXPHOS to revitalize terminally exhausted T cells and enhance the response to cancer immunotherapy ([cover story](#), *Nature Immunology* 2021, 22, 746-756). For more information, please see our website (tang-lab.epfl.ch) and recent publications below, or contact Prof. Tang (li.tang@epfl.ch).



- *Nat. Immunol.* 2021, 22, 746-756. (cover story)
- *Nat. Immunol.* 2020, 21, 1540-1551.
- *Nat. Biotech.* 2018, 36, 707-716. (cover story)
- *Sci. Adv.* 2021, 7, eabg7291.
- *ACS Cent. Sci.* 2020, 6, 404-412. (editorial highlight)
- *Nat. Biomed. Eng.* 2021, in press. (editorial highlight)
- *Mater. Hori.* 2020, 7, 3196-3200. (cover story)

The candidate will work on developing novel cancer immunotherapies through metabolic modulation of immune cells and elucidating mechanism of key limitations in current cancer immunotherapy such as T cell exhaustion. The candidate will also utilize new biochemical and biophysical tools developed in Tang lab to engineer immune responses for next generation immunotherapy. The candidate is expected to have strong expertise and experimental background in immunology, cancer immunotherapy, immune metabolism, and mouse studies, and is willing to work in a highly interdisciplinary environment. The successful applicants should have published peer-reviewed articles as the first author in tier 1 journals, be self-motivated, and have excellent communication skills (in English).

Responsibilities include:

1. Take the lead of at least one major project in the lab
2. Publish research results and assist in grant writing
3. Present data at conferences and lab meetings
4. Help PI on leading the organization and maintenance of the lab

5. Train junior lab members

Interested postdoc candidates please send a curriculum vitae, a cover letter, and the names of three referees to:

Li Tang, Ph.D.
Assistant Professor
Institute of Bioengineering (IBI) / Institute of Materials (IMX)
École polytechnique fédérale de Lausanne (EPFL)
Email: li.tang@epfl.ch
<http://tang-lab.epfl.ch/>

EPFL | École polytechnique fédérale de Lausanne

EPFL is ranked 14th worldwide in [QS 2021 - World University Ranking](#). See EPFL in YouTube: [Welcome to EPFL - 2017](#). EPFL offers an exceptional research and training environment with state-of-the-art facilities. **Laboratory of Biomaterials for Immunoengineering (Tang lab @ EPFL)** is located on the 2nd floor of the new MED building. You can have a ***virtual lab visit*** here: <https://sti-virtualtour.epfl.ch/> (ME&MED→Menu→ Laboratory of Biomaterials for Immunoengineering).

