Li Tang, Ph.D.
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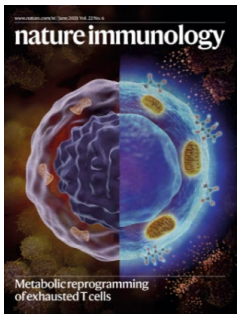
Postdoctoral position opening for an Innosuisse project at EPFL, Switzerland

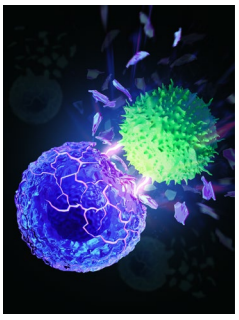
One full-time postdoctoral position in cancer immunotherapy and immunoengineering for an Innosuisse project is immediately available in the Tang lab (tang-lab.epfl.ch) at Swiss Federal Institute of Technology in Lausanne (EPFL), Switzerland. This collaborative project (3 years) between Tang lab and Novochizol SA (www.novochizol.ch) aims at improving the safety and efficacy of immune therapies against solid cancers using a unique chitosan transformation technology, Novochizol™ nanoparticle, for tumor-targeted delivery of immune therapeutics. The salaries and benefits for postdoctoral researchers are internationally competitive at EPFL. The working language is English.

Tang lab's research focuses on developing novel strategies to engineer the multi-dimensional 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 more information, please see our website (tang-lab.epfl.ch) and recent publications below, or contact Prof. Tang (li.tang@epfl.ch). The candidate will work on the cancer immunotherapy project enabled by the Novochizol™ nanoparticles. In addition, the candidate will investigate the metabolic modulation of immune cells, in particular, exhausted lymphocyte in the tumor microenvironment. The candidate is expected to have strong expertise and experimental background in immunology, cancer immunotherapy, immune metabolism, nanotechnology, 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).**



- ***Nat. Immunol.* 2021**, 22, 746-756. (**cover story**)
- ***Nat. Biotech.* 2023**, *in press*
- ***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**, *5, 1411-1425* (**editorial highlight**)
- ***Nat. Nanotech.* 2023**, *in press*
- ***Matter,* 2022**, *5*, 2510-2513

Responsibilities include:

1. Take the lead of the Innosuisse project and prepare regular reports
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:

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Highly ranked worldwide, EPFL is one of the only two federal universities in Switzerland. It is also one of Europe's most vibrant and cosmopolitan science and technology institutions. 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: ME&MED→Menu→ Laboratory of Biomaterials for Immunoengineering.