

PhD position

Invariant NKT cells in cancer

The Laboratory of Tumor Biology and Immunotherapy is looking for a new team member for a PhD position in the field of cell immunotherapy (under the supervision of Dr. Monika Holubová). The research focuses on specific immune cell subsets – invariant NKT cells – and their role in several types of cancer. Understanding these cells is crucial for translation to clinical application., We focus on their study in melanoma, myeloma, and other hematological malignancies.

What to expect:

- Hands-on experience with various techniques including:
 - Cell culture
 - Gene manipulation
 - Gene analysis (NGS, qPCR, single-cell)
 - Flow cytometry
- Active participation within international iNKT consortium (<https://cirt-net.org/>)
- Integration into both local and international teams
- Development of research and academic skills, e.g. research proposal writing or leadership training

What we offer:

- Young team with international connections
- Participation in research with direct clinical application
- Well-equipped modern laboratories with up-to-date techniques and technologies

What we seek:

- Degree in biology or related fields
- Ability to independently plan and execute experiments
- A good knowledge of English and a willingness to travel

More information about the laboratory can be found on our pages

<http://www.biomedic-plzen.cz/en/219-laboratory-of-tumor-biology>



The application deadline is November 30, 2024.