



Natalia Plewa Juraszek

Postdoctoral Scholar, Stanford Cancer Institute

Bio

BIO

Dr. rer. nat. Natalia Plewa-Juraszek is a postdoc in the Department of Pediatrics at Stanford University School of Medicine in Prof. Sabine Heitzeneder and Prof. Crystal Mackall Labs. She is leading a collaborative project focused on designing cancer-specific T cell-based immunotherapies for pediatric solid tumors. Her 9 years hands-on experience, supported by 8 scholarships, including Fulbright, is dedicated to translating innovative technologies from the lab to patient care. Ownership mindset with strong communication and management skills. Critical thinker living the idea "Follow your heart but take your brain with you". Outside of science, Natalia is a professional Bachata Sensual Instructor and International Dance Judge who transformed a dance business into a global brand, earning over 70 teaching invitations in 15+ countries worldwide.

HONORS AND AWARDS

- DAAD Graduate School Scholarship, DAAD (02/2017 - 02/2021)
- Fulbright USA-Polish Commission Award, Fulbright (07/2015 - 07/2016)
- Academic Achievement Scholarship, University of Wrocław (10/2014 - 07/2015)
- Academic Achievement Scholarship, University of Wrocław (10/2011 - 07/2012)
- LLP-Erasmus Placement Funding, Erasmus (10/2013 - 05/2014)
- 5x Incentive scholarships for the best students, EU (03/2011 - 07/2013)
- First prize for the most active Bio-Scientific Student Association, University of Wrocław (2013)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Freie Universität Berlin (2021)
- Dr. rer. nat., Free University of Berlin, Cancer Immunology (2021)
- M.Sc., University of Wrocław, Medical Biotechnology (2016)
- B.Sc., University of Wrocław, Biotechnology (2013)

STANFORD ADVISORS

- Sabine Heitzeneder, Postdoctoral Faculty Sponsor

PATENTS

- Natalia Plewa, Lucia Poncette, Thomas Blankenstein. "Germany Patent EP4223782A1 Novel T cell Receptors and immune therapy for the treatment of cancer", Max-Delbrück-Centrum für Molekulare Medizin in der Helmholtz-Gemeinschaft, Charité - Universitätsmedizin Berlin

LINKS

- LinkedIn: <https://www.linkedin.com/in/nataliaplewa-juraszek/>

Publications

PUBLICATIONS

- **Generation of TGF β R2(-1) neoantigen-specific HLA-DR4-restricted T cell receptors for cancer therapy.** *Journal for immunotherapy of cancer*
Plewa, N., Poncette, L., Blankenstein, T.
2023; 11 (2)
- **Rapid rerouting of myosin traffic at the T cell immunological synapse.** *Biophysical Journal*
Plewa, N., Maka, R., Cichon, U., Kryzstofiak, K., Rokicka, J., Rock, R.
2022; 121 (3)
- **Loss of Gadkin Affects Dendritic Cell Migration In Vitro.** *PloS one*
Schachtner, H., Weimershaus, M., Stache, V., Plewa, N., Legler, D. F., Höpken, U. E., Maritzen, T.
2015; 10 (12): e0143883