

The selection of sixteen (16) Doctoral Researchers for the ImmuDocs Doctoral Education Pilot, internal application period at the University of Turku from April 5th to April 22nd, 2024 (Pathway 2)

The proposal from the ImmuDocs Board for Doctoral Researchers in the ImmuDocs Doctoral Education Pilot:

Doctoral Researchers whose study right has started on January 1st, 2024:

1. Function of immunoglobulin enhancers in the targeting of somatic hypermutation, Principal Supervisor: Jukka Alinikula
Selection: **Alina Tarsalainen**
2. Elucidating the Effects of Genetic Polymorphisms in Key Immune Proteins on Vaccine Response: Use of Pertussis Acellular Vaccine as an Example, Principal Supervisor: Qiushui He
Selection: **Denise Anabe**
3. Immune response landscape of *Borrelia burgdorferi* infection revealed by single cell RNA-sequencing, Principal Supervisor: Jukka Hytönen
Selection: **Varpu Rinne**
4. Discovery of Tumor-Associated Immune Cell Interactions with Cutting-Edge Stem Cell Techniques, Principal Supervisor: Elisa Närvä
Selection: **Sanne Sandelin**
5. Lymphatic sinuses of draining lymph nodes, Principal Supervisor: Marko Salmi
Selection: **Pinja Thoren**
6. New molecular imaging approach to study fibrosis in myocardial diseases, Principal Supervisor: Antti Saraste
Selection: **Arman Anand**

Conditional selections for the ImmuDocs pilot:

7. Soluble neuroinflammation markers combined with microglial activity measured with TSPO-PET in assessment of MS disease progression, Principal Supervisor: Laura Airas
Conditional selection: **Venla Ahola**
8. A computational-experimental approach to identify neo-epitopes for cancer immunotherapies, Principal Supervisor: Laura Elo
Conditional selection: **Daniel Giesel**
9. Immune cell modulation of vascular homeostasis and cancer dissemination, Principal Supervisor: Johanna Ivaska
Conditional selection: **Monika Vaitkevičiūtė**
10. Immunocomplex assays for the detection of estradiol, Principal Supervisor: Janne Leivo
Conditional selection: **Ida Bäckström**
11. Precision immunoprofiling and peripheral biomarkers of synovial tissue inflammation in rheumatoid arthritis and osteoarthritis, Principal Supervisor: Tapio Lönnberg
Conditional selection: **Emilie Rydgren**
12. The role of novel conjugated bile and N-acyl-amides in regulating the immune system, Principal Supervisor: Matej Oresic
Conditional selection: **Katja Salonen**



2.5.2024

13. From Antibody Therapy to Oral Macrocyclic Peptide Inhibition: A New Era in Immunological Disease Management, Principal Supervisor: Olli Pentikäinen
Conditional selection: **Paola Moyano Gómez**
14. Effect of exercise on immune cell responses in cancer: CD8+ T cells and adhesion molecule VAP-1 of special interest, Principal Supervisor: Anne Roivainen
Conditional selection: **The applicant did not want their name published.**
15. Does immune control of cytomegalovirus reactivation in glioblastoma patients improve patient outcome, Principal Supervisor: Cecilia Söderberg-Naucler
Conditional selection: **Maedeh Alipour**
16. Unveiling macrophage subsets in metastatic lymph nodes and their impact on tumor immunity, Principal Supervisor: Akira Takeda
Conditional selection: **Nora Alnusairat**