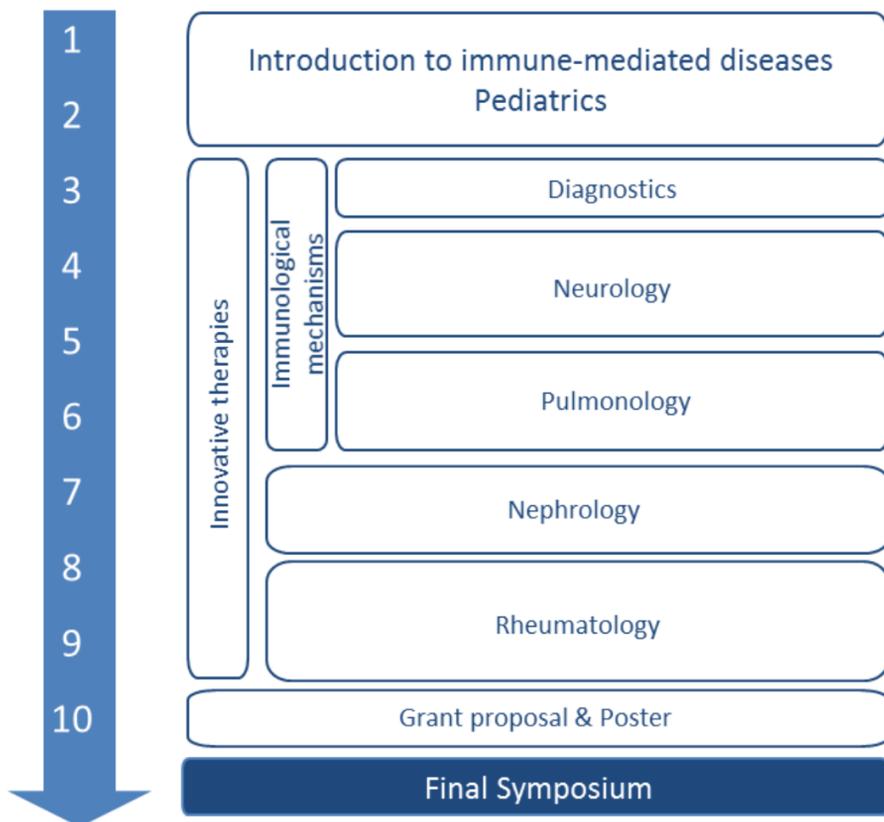


# Half minor Clinical Immunology

Week



The half minor Clinical Immunology will stimulate and support you to deepen your knowledge of the immune system, from various perspectives.

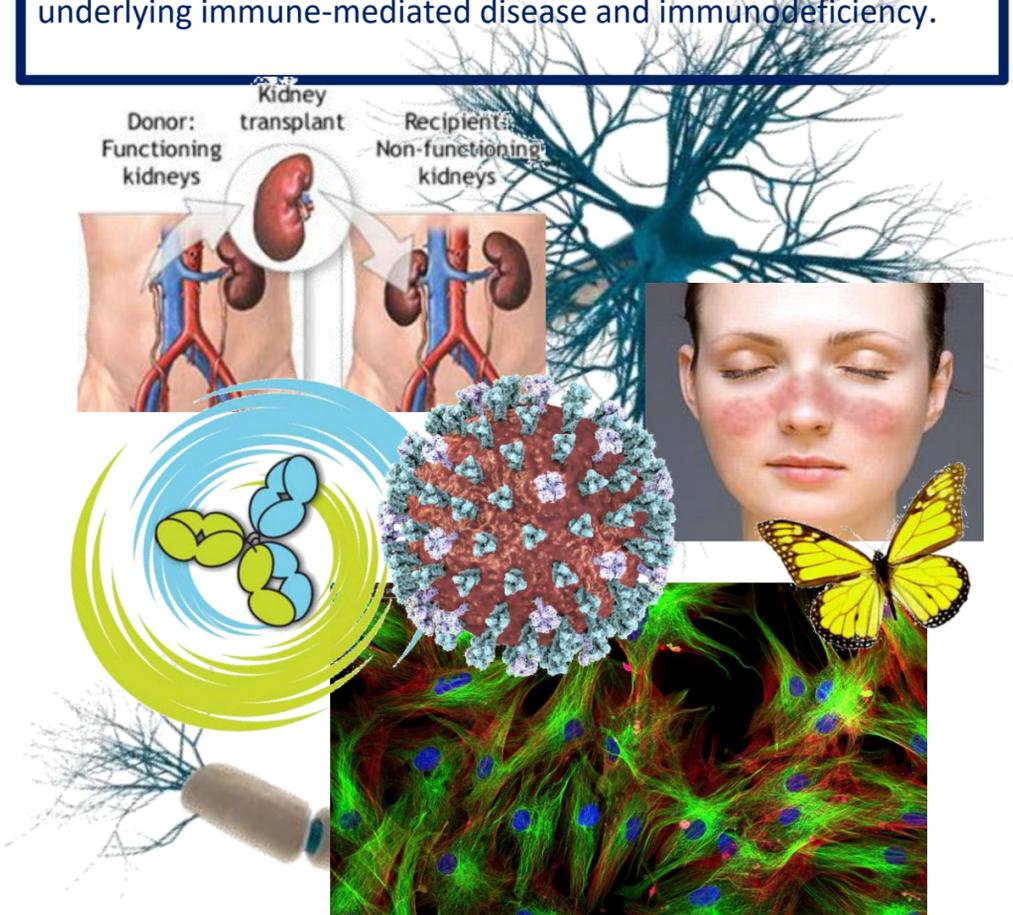
Different teaching methods, including patient demonstrations, visits to the (outpatient) clinic, laboratory visits with state-of-the-art diagnostics and ethical discussions, will be given by teachers with various backgrounds and from different (medical) disciplines. Using these methods, you will get more understanding of the immunological mechanisms underlying disease. Masterclasses, given by industry-specialists, and literature studies focussing on innovative therapies for immune-mediated disease will further increase your knowledge.

The first two weeks of the half minor are facilitated by the department of paediatrics and will cover the basics of immunology and introduce you into the principal mechanisms underlying immune-mediated disease and immunodeficiency.

After the first two weeks, several medical disciplines including neurology, nephrology, pulmonology and rheumatology, will demonstrate the central role of the immune system in various systemic/immune-mediated diseases. You will be able to visit the departments, get into contact with patients, learn about and practice with specific diagnostic tools and therapeutic modalities.

Several ethical discussion, led by an ethicist, will stimulate you to make up your mind about strategies to counteract pandemics and to debate on designer babies.

The master piece of the half minor is the generation of a grant proposal, focussing on an innovative therapy, that will be presented on the final symposium. Last year, a mixture of enthusiastic biopharmaceutical, biomedical and medicine students made this symposium a big success!



## Teaching modes:

- Patient demonstrations
- Clinical rounds
- Lectures
- Group discussions
- Team based learning
- Journal clubs
- Laboratory visits
- Demonstration of diagnostic tools
- Industry master classes

## Involved disciplines:

Paediatrics, Rheumatology, Clinical Chemistry, Neurology, Pulmonology, Nephrology, Immunohematology and blood transfusion, Parasitology, Medical Oncology

## Evaluation:

- 10% 'immunological knowledge' exam
- 30% report 'immunological mechanisms of disease (a patient case)'
- 5% presentation or short exam (during (4x) neurology, pulmonology, nephrology and rheumatology weeks)
- 40% grant proposal and poster

Contact the coordinators for more information:

Linda Slot, [l.m.slot@lumc.nl](mailto:l.m.slot@lumc.nl)  
 Dagmar Berghuis, [d.berghuis@lumc.nl](mailto:d.berghuis@lumc.nl)  
 Robbert Bredius, [r.g.m.bredius@lumc.nl](mailto:r.g.m.bredius@lumc.nl)

Or check the e-gids:

<https://studiegids.universiteitleid.nl/studies/7359/geneeskunde#tab-3>

