



## Laura van Dam

Postdoctoral Scholar, Immunology and Rheumatology

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### Bio

#### BIO

I am both trained as a biomedical researcher and medical doctor in internal medicine and strive to close the gap between the clinic and fundamental sciences with translational research. My focus is to study the mechanisms of autoimmune diseases and to translate research insights into therapeutics targeting autoimmunity. I have received my PhD in 2022 in Leiden for studying neutrophil extracellular traps and autoreactive B cells in renal autoimmune diseases. My postdoctoral research project in the Robinson lab focuses on investigating the underlying molecular mechanisms of the pathogenesis of ANCA-associated vasculitis. I particularly aim to identify potential microbial triggers and molecular mimicry in ANCA-associated vasculitis, by characterizing the nasal microbiome and sequencing T cells and B cells of ANCA-associated vasculitis patients.

#### HONORS AND AWARDS

- Marie Curie Fellowship, European Union (2024)
- Selected for the best 30 abstracts, ERA-EDTA (2018)
- Full travel grant NCVI, Dutch Federation of Immunology (NCVI) (2018)
- Second prize in best abstract and oral presentation, Dutch Federation of Nephrology (NFN) Benelux Kidney Meeting (2019)
- Kidney Star award recipient, American Society of Nephrology (ASN) (2019)

#### PROFESSIONAL EDUCATION

- PhD, Leiden University Medical Center Department of Nephrology , "Targeting autoimmunity in renal diseases: focus on neutrophil extracellular traps and autoreactive B-cells" (2022)
- MSc, University of Utrecht - Selective Utrecht Medical Master (SUMMA) , Clinical Research (2016)
- MD, University of Utrecht - Selective Utrecht Medical Master (SUMMA) , Medicine (2016)
- BSc, University of Amsterdam , Biomedical Sciences (2011)

#### STANFORD ADVISORS

- William Robinson, Postdoctoral Faculty Sponsor
- PJ Utz, Postdoctoral Research Mentor

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### Research & Scholarship

#### LAB AFFILIATIONS

- William Robinson, Robinson Lab (2/1/2023)

## Publications

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### PUBLICATIONS

- **Antigen-specific B cells cross-present citrullinated proteins to activate CD8 T cells in rheumatoid arthritis**  
Moon, J., Van Dam, L., Smith, M., Donlin, L. T., Sharpe, O., Robinson, W. H.  
OXFORD UNIV PRESS.2025
- **Identification of Autoreactive Cytotoxic T Cells in ANCA-Associated Vasculitis**  
van Dam, L., Younis, S., Moon, J., Zhang, M., Parfesar, S., Horomanski, A., Sharpe, O., van Leeuwen, J., Lanz, T., van Kooten, C., Teng, O., Robinson, W.  
WILEY.2024: 3781-3785
- **Deficiency of Nuclear Receptor Nur77 Aggravates Mouse Experimental Colitis by Increased NFkB Activity in Macrophages** *PLOS ONE*  
Hamers, A. A. J., van Dam, L., Duarte, J., Vos, M., Marinkovic, G., van Tiel, C. M., Meijer, S. L., van Stalborch, A., Huveneers, S., Velde, A., de Jonge, W. J., de Vries, C. J. M.  
2015; 10 (8): e0133598