



Amsterdam Rheumatology Center for Autoimmune Diseases

It has been too long since the ARCAID Newsletter came out and a lot has happened since then. On the downside, we lost one of our ARCAID PhDs. Adrian Durotin decided for several reasons he did not want to finish his PhD and he left the group in November 2022. We were very happy to know he found a new position right away and we wish him all the best in his future career. On the bright side, we could welcome (sort of) a new ARCAID researcher-to-be, as one of our PhDs, Aiarpi, became a proud mother of a beautiful baby-girl in December 2022! Congratulations! (Although >8 months old now..;-)). Then we had a fantastic ARCAID Symposium (organized by the PhDs) in February 2023, you can read all about it below.

This is the news for now, but I will update you hopefully right after summer break when I received the more recent news from all fellows!

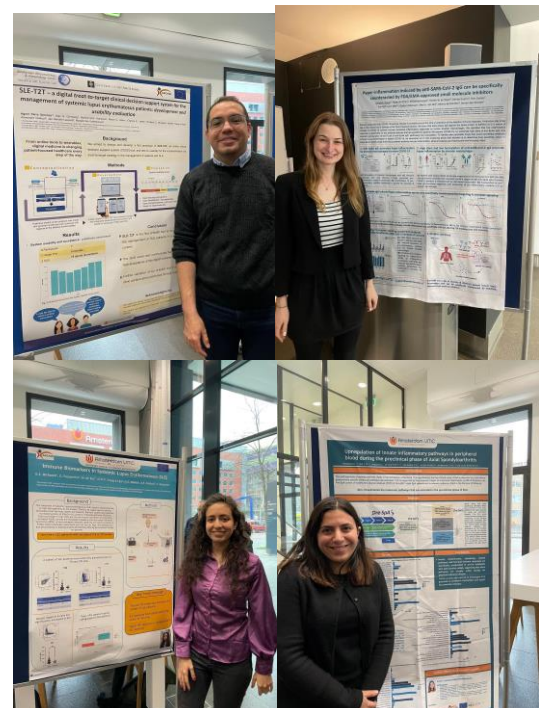
Have a nice summer! Laurian

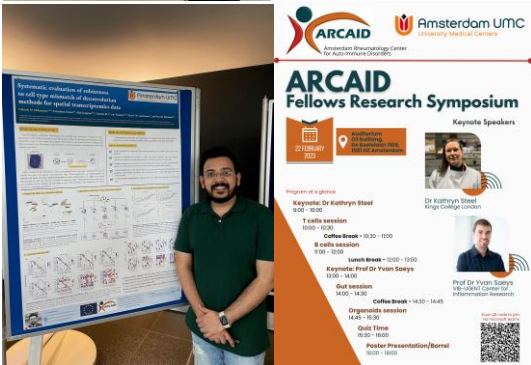
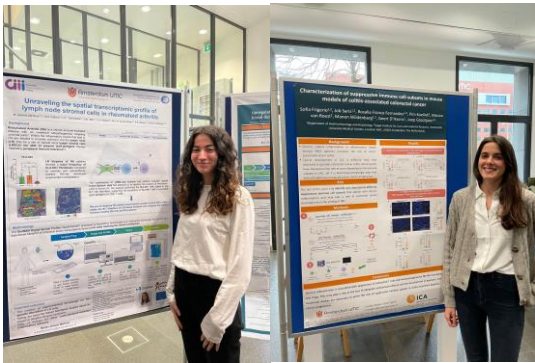
ARCAID Symposium

One of the aims of the ARCAID project is to "educate and train" the next generation of scientists that work on translational immunological rheumatology. But this training is not only the "hard science", it is much more than that. So, a part is also to learn how to organize a scientific symposium, invite key-note speakers, organize a venue, speakers, catering. And this is what our group of PhDs did and learned, with specific mention to the organizing committee; Aoife O'Byrne, Melis Asal and Andrew Morrison.

They invited not only all ARCAID PI's but a nice flyer was made and also spread to other departments within the AMC and VuMC as well as to the ARCAID partners abroad. The key-note speakers, Prof. Dr. Yvan Saeys from the VIB-UGENT center for inflammation research and Dr. Kathryn Steel from King's college London, were invited and the program was filled with presentation from within the group, a poster session and even a genuine quiz.

In the end, the symposium was a success, with speakers looking at Rheumatology in a very broad way, from different angles; T-cells, B-cells, the gut and organoids. And to me it is always good to see how researchers from different backgrounds thus get introduced to a completely different side of the disease...where bioinformatics meets biology meets clinic...;-). All-in-all it was a great day and praise again for all ARCAID PhDs! Find some impressions below.





Prevention of rheumatoid arthritis: A systematic literature review of preventive strategies in at-risk individuals. *Autoimmunity Reviews*, Volume 22, Issue 1, 2023, 103217, ISSN 1568-9972,

<https://doi.org/10.1016/j.autrev.2022.103217>

Nikolakis, D., de Voogd, F., Pruijt, M. J., Grootjans, J., van de Sande, M. G., & D'Haens, G. R. (2022). The Role of the Lymphatic System in the Pathogenesis and Treatment of Inflammatory Bowel Disease. *International journal of molecular sciences*, 23(3), 1854.

<https://doi.org/10.3390/ijms23031854>

Frazzei G, van Vollenhoven RF, de Jong BA, Siegelaar SE and van Schaardenburg D (2022) Preclinical Autoimmune Disease: a Comparison of Rheumatoid Arthritis, Systemic Lupus Erythematosus, Multiple Sclerosis and Type 1 Diabetes. *Front. Immunol.* 13:899372. doi: 10.3389/fimmu.2022.899372

For more information on the network and topics/input for the next newsletter please contact the project manager (Laurian Jongejan);

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ARCAID Articles

Merino-Vico, A., Frazzei, G., van Hamburg, J.P. and Tas, S.W. (2023), Targeting B cells and plasma cells in autoimmune diseases: From established treatments to novel therapeutic approaches. *Eur. J. Immunol.*, 53: 2149675. <https://doi.org/10.1002/eji.202149675>

Giulia Frazzei, Anne Musters, Niek de Vries, Sander W. Tas, Ronald F. van Vollenhoven.