

Cytokine-mediated regulation of immunity during persistent viral infection

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Citation

Pratumchai, I. (2022, September 20). Cytokine-mediated regulation of immunity during persistent viral infection. Retrieved from https://hdl.handle.net/1887/3459110

Version:	Publisher's Version
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Note: To cite this publication please use the final published version (if applicable).

Acknowledgments

Throughout my time as a PhD student, I received a great deal of support from so many people across the globe. Hence, this dissertation cannot be finished without thanking all of you.

First and foremost, I would like to thank all my supervisors for their continuous support of my Ph.D. Sjaak and Ramon for giving me the opportunity to start working on a PhD project in a different continent. John for giving the opportunity and freedom to try, fail, learn, and grow in your laboratory. Undertaking this PhD has been a life-changing experience for me, and all this would not have been possible without your support and guidance.

Besides my supervisors, I would like to thank Dr.Michael Oldstone for his kindness and support with our PNAS paper. I am also grateful for his dedication to the field and for a strong foundation that he has built, which enables us to connect with one another and exchange our knowledge to move the field forward.

Further, I would like to thank my dear Jerry for walking this path with me. I am so grateful for your caring support and the push that you gave to help me be a better version of my scientist self. Thank you for always encouraging me to be a critical thinker and for the wines, hikes, running races, and laughter that we shared.

Another big thank you goes to my dear friend, Zhe Huang. Zhe is a wonderful friend, amazing colleague, and incredible mentor. Zhe always has an answer for all my technical questions. His help and kindness made our late-night experiments more bearable and sometimes fun.

I am also grateful for my guidance committee: Linda Sherman, Juan Carlos de la Torre, and Michael McHeyzer-Williams thank you for your critical thoughts about my project. This enabled me to move the project forward.

I am incredibly thankful for my family: mom, dad, sister Nara, aunt Aunthika, and grandpa thank you for always believing in me and for the endless emotional support during this journey.

My European friends especially Greta, Katya M., Katya H, Michelle, Tessa thank you for being there for me. You made me feel like I have never left Europe.

My San Diegan friends especially Mikhail, Jeff, and Colleen thank you for the fun and laughter that we shared. You guys are my therapies. Also, Sidd, thank you for all our PhD progress consulting sessions at the IMM hallway (when it was not being waxed of course!).

I am grateful for the help that I received from our administrative assistants from both Leiden and Scripps: Thank you Gay Wilkins, Pauline Hoftijzer, Anouk de Jong, Jetty Hagen and Ivy Chester for your assistance.

Lastly, I would like to thank the lab for their help and my former colleagues at Scripps Namir, Halley and Melissa C. for teaching me techniques used in our lab at the beginning of my PhD. Also, the flow core staffs especially Brian Seegers, Brain Monteverde and Alphonse Owirka thank you for your help with our endless experiments.

Curriculum Vitae

The author of this thesis, Isaraphorn Pratumchai was born on the 14th of April 1987 in Khon Kaen, Thailand. She graduated with a Bachelor of Science (B.Sc.) in Liberal Arts and Sciences from University College Utrecht in 2011. She gained her undergraduate research experience through working in the laboratory of Dr.Mariet Feltkamp at Leiden University Medical center (LUMC). She started her master's program in Biomedical Sciences at the LUMC in 2012. In 2013, she joined the laboratory of Professor Niels de Wind and worked under the supervision of Dr.Jaap Jansen to investigate the role of different sets of translession synthesis DNA polymerases in the cellular response to DNA damage. In 2014, she received fundings from both the LUMC and the European commission to carry out a research project in the laboratory of Professor Xin Lu at the Ludwig Institute for Cancer Research, Nuffield Department of Medicine, University of Oxford where she investigated the role of missense mutations in cancer and neural tube closure defects. She obtained her M.Sc. in 2014 and joined the Teijaro laboratory at Scripps Research as a PhD candidate from the LUMC in 2016. Under the supervision of Professor Sjaak Neefjes, Professor Ramon Arens and Professor John Teijaro, she studied the role of IL-27 and IFN-I during T cell exhaustion. Following her graduation, she will return to the Teijaro lab as a postdoctoral associate to work on the revision of her unpublished paper.

List of publication

- Huang Z^{*}, Zak J^{*}, Pratumchai I^{*}, Shaabani N, Vartabedian VF, Nguyen N, Wu T, Xiao C, Teijaro JR. IL-27 promotes the expansion of self-renewing CD8⁺ T cells in persistent viral infection. J Exp Med. 2019,216(6). (*Equal contribution)
- Zak J*, Pratumchai I*, Marro BS*, Huang Z, Zavareh RB, Lairson LL, Oldstone MBA, Bachanova V, Teijaro. *JAK inhibition reshapes the T cell exhaustion state to enhance checkpoint blockade therapy*. (Manuscript under revision) (*Equal contribution)
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