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From stem cells to functional lymphocytes: cell differentiation and gene therapy implementation for RAG-SCID

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CURRICULUM VITAE

Laura García Pérez was born on June 7th, 1990, in Andorra La Vella, Andorra. After graduating from Lycée Comte de Foix in 2008 (Andorra), she moved to Spain where she followed her bachelor's degree in biotechnology at the University of Lleida. For the last 6 months, she entered the Erasmus Programme and was able to pursue her studies at Hedmark University, Norway. After obtaining her diploma in 2012, she moved to the Netherlands and started in 2013 her master program in Biomedical Sciences, research specialization, at Leiden University Medical Center (LUMC). During this period, she performed two research internships within the LUMC: one at the Nephrology Department on type-2 diabetes and a second one in the Stem Cells and Lymphocyte Development group at the Department of Immunology. Her master thesis focused on understanding the role and functional definition of T cell-specific transcription factors regulating T lymphocyte lineage commitment. She graduated with her master's degree in 2015.

Soon after, January 2016, she started her PhD at the same department in the Stem Cells and Lymphocyte Development research under the supervision of Prof.F.J.T. Staal and Dr. K.Pike-Overzet. Her main focus is to develop hematopoietic stem cells-based gene therapy for severe combined immunodeficiencies due to Recombinase-Activating Gene deficiency and optimizing related protocols under the European Union's Horizon 2020 research and innovation programme SCIDNET.

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