



Universiteit  
Leiden  
The Netherlands

## Newborn screening for severe combined immunodeficiency: breaking the bubble

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# APPENDIX

PhD PORTFOLIO





## PHD PORTFOLIO

PhD training January 2018 to June 2021	Year	Hours
<b>Mandatory courses</b>		
Basic Methods and Reasoning in Biostatistics	2019	42
PhD Introductory Meeting	2018	5
BROK Course	2018	42
<b>Generic/disciplinary courses</b>		
PhD course: Infection, Immunity and Tolerance	2019	80
PhD Curriculum - TULIPS for Child Health	2020	200
Scientific Writing	2019	10
<b>Invited speaker</b>		
International Society for Neonatal Screening (ISNS) - SCID virtual meeting	2021	8
Webinar GenQA - Focus on Molecular Newborn Screenig	2020	4
International Primary Immunodeficiencies Congress (IPIC), Madrid, Spain	2019	20
UKNSLN Annual Scientific Meeting, Manchester, United Kingdom	2019	8
UKNSLN Annual Scientific Meeting, Manchester, United Kingdom	2018	8
Kinderimmunologisches Arbeitstreffen (KIAT), Leipzig, Germany	2018	8
<b>Congress attendance and poster or oral presentations</b>		
Clinical Immunology Society (CIS) Annual Meeting (poster presentation)	2021	24
European Society for Immunodeficiencies (ESID) 19 <sup>th</sup> Online Meeting (two oral presentations)	2020	24
Dutch Society for Immunology (NVVI) Lunteren Symposium Online	2020	16



	Year	Hours
NACGG Meeting (oral presentation), Utrecht, the Netherlands	2019	4
Dutch Society for Immunology (NVVI) Annual Meeting, (oral presentation), Noordwijkerhout, the Netherlands	2019	16
European Society for Immunodeficiencies (ESID) 18 <sup>th</sup> Focused Meeting (double oral presentation), Brussels, Belgium	2019	24
5th Workshop on Diagnostics of Immunodeficiencies, Freiburg, Germany	2019	20
11th ISNS European Regional Meeting (poster presentation), Bratislava, Slovakia	2018	24

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**Teaching activities and student supervision**


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Supervisor student Master Medicine - Scientific Internship	2020-2021	78
Supervisor student Bachelor Medicine - Thesis	2021	8
Supervisor students Minor Clinical Immunology LUMC	2020	8
Lecture Master Infection & Immunity Erasmus MC	2018-2020	8
Supervisor student Bachelor Biomedical Sciences – Scientific research project (SPR)	2020	54
Supervisor student Bachelor Medicine – Critical Appraisal of a Topic (CAT)	2020	28
Lecture Bachelor Medicine LUMC	2019	1
Supervisor student HLO Applied Sciences	2019-2020	84

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**Grants**


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Medical Inspirator Price 2020 second price (ZonMw): Stop XLA! / Geef XLA geen tijd!

NTvAAKI Topartikel prijs 2018 'Late diagnosis of an atypical patient with severe combined immunodeficiency'

	Year	Hours
<b>Other</b>		
Member Advisory Committee Neonatal Screening – SCID (ANS-SCID) Committee of the Dutch Society of Pediatrics (NvK)	2021 - present	
Training program for certification in Immunology SMBWO. Dutch Society for Immunology	2020 – present	







# APPENDIX

DANKWOORD







**'Je eigen ding doen,  
hoeveel mensen  
heb je daarbij nodig'**

*Loesje*



## DANKWOORD

Heel veel mensen denk ik. Veel te veel mensen om in dit korte dankwoord te kunnen bedanken. Om deze reden heb ik ervoor gekozen om iedereen via onderstaande QR-code op mijn eigen manier te bedanken. Drieënhalf half jaar, 14 hoofdstukken, ontzettend veel woorden en nu is mijn proefschrift eindelijk af. Ik heb in deze periode zoveel bijzondere mensen leren kennen en zoveel steun gehad vanuit verschillende kanten. Onwijs veel dank aan iedereen waarmee ik heb mogen samenwerken, samen lachen, samen ontspannen en samen zijn.



[www.doctorblom.nl/dankwoord](http://www.doctorblom.nl/dankwoord)



# APPENDIX

CURRICULUM VITAE





## CURRICULUM VITAE

Maartje Blom was born on the 4<sup>th</sup> of August 1992 in Oud Gastel, the Netherlands. After completing her secondary education (VWO Gymnasium) at the Gertrudiscollege in Roosendaal, she started studying Biomedical Sciences at the University of Utrecht (Utrecht) in 2010. During her bachelor curriculum she became enthusiastic about translational research and the clinical and societal implications of fundamental studies. After successfully finishing her Bachelor's degree in 2013, she therefore applied for a pre-Master Medicine at the University of Leiden (Leiden). With this pre-Master, she was able to enroll in both the Master Medicine and the Master Biomedical Sciences at the Leiden University Medical Center (Leiden). She completed her medical internships at various hospitals and institutes including the academic hospital in Paramaribo (Suriname). Maartje completed her scientific internships at the National Institute for Public Health and the Environment (RIVM, Bilthoven), engaging in the first exploratory steps on newborn screening (NBS) for severe combined immunodeficiency (SCID). Here she gained an increasing interest in the many facets of newborn screening, after which she accepted the offer to continue her research as a PhD candidate in this field. In 2018, she officially started her PhD career at the Laboratory for Immunology, Department of Pediatrics, Leiden University Medical Center (Leiden) under the supervision of dr. Mirjam van der Burg, dr. Robbert Bredius and prof. dr. Arjan Lankester. Maartje combined her medical internships with her PhD research and obtained her Medical degree in 2019 (cum laude) and her Master of Sciences degree in 2020 (cum laude). Her research focused on newborn screening for inborn errors of immunity and included the coordination of the national prospective pilot study on NBS for SCID (the SONNET-study). The studies presented in this thesis are the result of a close collaboration with national and international experts in the field of pediatrics, public health and immunology. As of September 2021, she started her clinical career as a resident not in training (ANIOS) at the Reinier de Graaf Gasthuis in Delft. Furthermore, she continues her scientific work as a parttime researcher in Leiden, focusing on newborn screening for other inborn errors of immunity and coordinating an international quality of life study for SCID patients in the RECOMB-study (gene therapy for RAG-1 SCID). Maartje currently lives in The Hague with her partner Erik.







