

# Curriculum Vitae - Nele Villabruna

## Personal Information

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## Education

2016–2022	<b>PhD Program</b> , Department of Viroscience, Erasmus MC, Rotterdam, The Netherlands <u>PhD Thesis</u> : Human norovirus emergence and circulation in humans and animals ( <a href="#">Link to thesis</a> ) <u>Supervision</u> : Dr. Miranda de Graaf, Prof. Marion Koopmans
2013–2014	<b>Master of Research in Applied Marine Sciences</b> , University of Plymouth, UK (graduated with Distinction) <u>Master Thesis</u> : Characterisation of the <i>Emiliana huxleyi</i> virus protein EHV298 <u>Supervision</u> : Prof. Mike Allen, Dr. Colin Munn
2009–2013	<b>Bachelor of Science in Biology</b> , University of Basel, Switzerland Major in biology of infection and epidemiology, plant biology, cell biology and neurobiology, and zoology and evolutionary biology
2008	<b>Matur (=Abitur)</b> , Gymnasium Leonhard, Basel, Switzerland

## Research Experience

Since 2024	<b>Project Leader</b> (Walter Benjamin Position) Department of Pathology, Research Center for Emerging Infections, and Zoonoses (RIZ), University of Veterinary Medicine Hannover, Germany <u>Project</u> : Norovirus interspecies transmission barriers and susceptibility factors
2023–2024	<b>Postdoctoral Fellow</b> (Pilot Project financed by the National Research Platform on Zoonoses) Institute of Biochemistry, Research Center for Emerging Infections, and Zoonoses (RIZ), University of Veterinary Medicine Hannover, Germany <u>Group</u> : Prof. Dr. Gisa Gerold <u>Project</u> : Development of an <i>ex-vivo</i> model to study zoonotic norovirus transmission
2015–2016	<b>Research Assistant</b> , Department of Infectious Disease, Virology, Heidelberg University, Germany <u>Project</u> : Late endosomal trafficking and fusion of <i>phleboviruses</i> <u>Supervision</u> : Dr. Pierre-Yves Lozach

## Awards

2024–2026	<b>Walter Benjamin Position</b> , 542416050, German Research Foundation (DFG)	221.796 €
2023–2024	<b>Postdoc Pilot Project</b> , 01KI2310, National Research Platform on Zoonoses	198.361 €
2022	<b>ORKG curation grant</b> Microbiology&Virology (German National Library of Medicine)	2.400 €
2020	<b>Travel Award</b> 39 <sup>th</sup> Annual meeting of the American Society of Virology, USA	500 US\$
2019	<b>Travel Grant</b> 7 <sup>th</sup> International Calicivirus Conference, Australia	1.500 AU\$
2018	<b>Travel Award</b> 37 <sup>th</sup> Annual meeting of the American Society of Virology, USA	500 US\$
2015	<b>Plymouth Marine Laboratory Prize</b> for Outstanding Achievement and Best Research Project	100 £

<b><u>Other Activities</u></b>	
2025	<b>Organizing and Chairing</b> the jGfV session during the 34 <sup>th</sup> Annual Meeting of the Society for Virology in Hamburg
2024	<b>Organizing and Chairing</b> the jGfV session during the 33 <sup>rd</sup> Annual Meeting of the Society for Virology in Vienna
2023–2025	<b>Student Representative</b> in the Board of the young Society for Virology (jGfV)
2021	<b>Teaching</b> of the Mastercourse Lecture “Pathogenesis & evolution: Gastrointestinal disease: Noro- & rotaviruses”
2018	<b>Organisation</b> of the workshops for PhD students and postdocs “How to communicate your science”, ErasmusMC, Rotterdam, The Netherlands
2016–2022	<b>Organisation</b> of the Virology Journal Club, ErasmusMC, Rotterdam, The Netherlands
2016–2021	<b>Supervision</b> of Master students and technical assistants, ErasmusMC, Rotterdam, NL
Since 2016	<b>Reviewing</b> Journal of Emerging Diseases (ISSN: 1080-6040), Germs (ISSN: 2248- 2997), PLoS One (ISSN: 1932-6203), and Open Life Sciences (ISSN: 2391-5412).
<b><u>Presentations (selection)</u></b>	
2024	Development of an <i>ex vivo</i> model to study the zoonotic transmission of noroviruses (Poster) <b>33<sup>rd</sup> Annual Meeting of the Society for Virology</b> , Vienna, Austria
2023	Insights into the role of the norovirus polymerase on virus emergence (Poster) <b>8<sup>th</sup> International Calicivirus Conference</b> , Rotterdam, The Netherlands
2022	Human noroviruses attach to intestinal tissues of a broad range of animal species (Talk) <b>1<sup>st</sup> Workshop One Health and Zoonotic Viruses</b> , Goslar, Germany
2020	Immunogenicity and specificity of antibody response against the norovirus capsid protein and non-structural proteins (Flash talk & Poster) <b>39<sup>th</sup> Annual Meeting of the American Society of Virology</b> , Fort Collins, USA
2019	The pattern of norovirus attachment varies among species (Talk) <b>7<sup>th</sup> International Calicivirus Conference</b> , Sydney, Australia
2019	Can norovirus jump the species barrier? (Poster & Pitch) <b>General Meeting of the Netherlands Centre for One Health</b> , Nijmegen, the Netherlands
2019	Norovirus attachment to intestinal tissue of different species (Poster) <b>7<sup>th</sup> European Congress of Virology</b> , Rotterdam, The Netherlands
2019	Norovirus attachment to intestinal tissue of different species (Talk & Poster) <b>Young COMPARE meeting</b> , Copenhagen, Denmark
2018	Profiling of antibody responses to structural and non-structural proteins after norovirus infection (Talk) <b>37<sup>th</sup> Annual Meeting of the American Society of Virology</b> , Madison, USA
2018	Serological responses to norovirus structural and non-structural proteins after infection (Talk & Poster) <b>Young COMPARE Meeting</b> , Copenhagen, Denmark
2017	Serological responses to norovirus structural and non-structural proteins after infection (Talk) <b>Young Antigone Meeting</b> , Cambridge, UK
2015	Late endosomal trafficking and fusion of <i>phleboviruses</i> (Talk) <b>Cell Biology of Viral Infections Workshop</b> , Schöntal, Germany