

Curriculum Vitae

Personal information **Jan Spitaels**

Work experience

- April, 2024 - Present: Inspector Pharmacovigilance (Federal Agency for Medicines and Health Products (FAMHP), Belgium)
- March, 2021 - March, 2024: Scientific Expert Flow Cytometry (Cerba HealthCare Belgium, Belgium)
- August, 2019 - February, 2021: Flow Cytometry Specialist (Cerba Research N.V., Belgium)
- August, 2018 - July, 2019: Scientist Preclinical Development (eTheRNA Immunotherapies N.V., Belgium)
- January, 2018 - June, 2018: Postdoctoral Researcher (Ghent University, Belgium)

Education and training

- January, 2014 - January, 2018: PhD in Biochemistry and Biotechnology (Ghent University and Vlaams Instituut voor Biotechnologie, Belgium)
- September, 2011 - June, 2013: Master of Science in Biochemistry and Biotechnology (Ghent University, Belgium)
- September, 2008 - June, 2011: Bachelor of Science in Biochemistry and Biotechnology (Ghent University, Belgium)

Additional information

Publications

- Mx1 in Hematopoietic Cells Protects against Thogoto Virus Infection. Jan Spitaels, Lien Van Hoecke, Kenny Roose, Georg Kochs and Xavier Saelens. (2019) JOURNAL OF VIROLOGY. 93(15).
- Chemical-controlled activation of antiviral myxovirus resistance protein 1. Judith Verhelst, Lien Van Hoecke, Jan Spitaels, Dorien De Vlieger, Annasaheb Kolpe and Xavier Saelens. (2017) JOURNAL OF BIOLOGICAL CHEMISTRY. 292(6). p.2226-2236
- Potent single-domain antibodies that arrest respiratory syncytial virus fusion protein in its prefusion state. Iebe Rossey, Morgan SA Gilman, Stephanie C Kabeche, Koen Sedeyn, Daniel Wrapp, Masaru Kanekiyo, Man Chen, Vicente Mas, Jan Spitaels, José A Melero, et al. (2017) NATURE COMMUNICATIONS. 8
- Influenza and memory T cells : how to awake the force. Jan Spitaels, Kenny Roose and Xavier Saelens. (2016) VACCINES. 4(4)
- Comparison of the antiviral activity of Mus spretus Mx1 and Mus musculus A2G Mx1 against influenza A viruses. Judith Verhelst, Jan Spitaels, Cindy Nürnberger, Dorien De Vlieger, Tine Ysenbaert, Peter Staeheli, Walter Fiers and Xavier Saelens. (2015) CYTOKINE. 76(1). p.102-102
- Functional comparison of Mx1 from two different mouse species reveals the involvement of loop L4 in the antiviral activity against influenza A viruses. Judith Verhelst, Jan Spitaels, Cindy Nurnberger, Dorien De Vlieger, Tine Ysenbaert, Peter Staeheli, Walter Fiers and Xavier Saelens. (2015) JOURNAL OF VIROLOGY. 89(21). p.10879-10890

Projects

Memberships

Other Relevant Information