



Curriculum Vitae

Personal information **Thomas Brouwers**

Work experience

1. Employer: Vrije Universiteit Amsterdam
 - Start date: 012021
 - End date:
 - Position: PhD
 - Activities: Unpaid PhD in vaccine innovation in the group of Prof. Eric Claassen.
 - Country: Netherlands
2. Employer: Center for Pandemic Vaccines and Therapeutics, Paul_Ehrlich_Institut
 - Start date: 102020
 - End date:
 - Position: Vaccine Shortages Team & COVID_19 Distribution & Digitalization Team
 - Activities: Using a data_driven approach, we strive to provide insight into vaccine shortages and improve demand forecasting. The goal of ZEPAI is to manage COVID_19 vaccine distribution in the current pandemic, and build up pandemic preparedness for the next.
 - Country: Germany
3. Employer: German Ministry of Health
 - Start date: 012022
 - End date: 042022
 - Position: Project Group COVID Vaccines
 - Activities: Demand forecasting for COVID_19 vaccines. Development of new IT solutions to improve the distribution process of COVID_19 vaccines in Germany. COVID_19 vaccine orders and donations.
 - Country: Germany

Education and training

1. Subject: Vrije Universiteit Amsterdam
 - Start date: 2016
 - End date: 2022
 - Qualification: Management, Policy Analysis & Entrepreneurship in the Health and Life Sciences (Research Master)
 - Organisation: Internship 1 (University Medical Centre Utrecht) thesis title: "Identification and causal analysis of innovation barriers in the vaccine development process: Towards shorter vaccine development timelines" Internship 2 (Athena Institute Amsterdam) thesis title: "Capitalizing on the untapped potential of vaccine adjuvants: an interdisciplinary analysis of the global vaccine adjuvant landscape"
 - Country: Netherlands
2. Subject: Universiteit van Amsterdam
 - Start date:
 - End date:
 - Qualification: Biomedical Sciences (Research Master)
 - Organisation: Internship (University Medical Centre Amsterdam) thesis title: "Antimicrobial surface coatings for titanium implants"
 - Country: Netherlands
3. Subject: Universiteit van Amsterdam
 - Start date:
 - End date:
 - Qualification: Biomedical Sciences (Bachelor)
 - Organisation: Internship thesis title: "Analysis of the diet induced changes in activity of Desulphovibrio piger in the human gut environment"
 - Country: Netherlands

Additional information

Publications

Dutch Royal Society of Microbiology 2020/21 T.J. Brouwers & Bernard van der Zeijst Title: Weekly updated overview of COVID_19 vaccine development (Dutch). The site provides a brief overview of the vaccine development process, current leading candidates, and expectations on vaccine availability. Link: https://www.knvm.org/vaccinologie/covid_19 Encyclopaedia of Virology, 4th Edition (Elsevier)(Submitted) 2020 T.J. Brouwers & Bernard van der Zeijst Chapter title: Vaccine production, Safety and Efficacy Written per invitation of Elsevier, publication date delayed due to COVID_19 Barriers influencing vaccine development timelines; Identification, causal analysis, and prioritization of key barriers by KOLs in general and Covid_19 vaccines (Frontiers in Public Health) 2020 E.M. Janse*, T.J. Brouwers*, Eric Claassen, Peter W.M. Hermans, Linda van de Burgwal Shared first authorship.

Projects

Memberships

Other Relevant Information