

Tentative program

Monday 18 November

- 10.00 – 10.30 Registration, coffee, poster mounting
- 10.30 – 10.50 *Jan Tommassen* (Utrecht University): Opening conference
- 10.50 – 11.50 **Antigen discovery**
Marien de Jonge (Radboud UMC): title to be announced
Lucille van Beek (Radboud UMC): title to be announced
- 11.50 – 12.20 *Sven Hammerschmidt* (University of Greifswald): Immunogenicity and protectivity of novel pneumococcal vaccine candidates
- 12.20 – 13.45 Lunch and poster viewing
- 13.45 – 14.45 **Whole-cell and outer-membrane vesicle vaccines**
Jan Tommassen (Utrecht University): Lipid A engineering for vaccine development
Eline de Jonge (Utrecht University): Effect of cultural conditions on OMV production in *Bordetella* spp.
Jesús Pérez Ortega (Utrecht University): Lipid A engineering in *Bordetella bronchiseptica*
- 14.45 – 15.15 *Camille Locht* (Institut Pasteur de Lille) : title to be announced
- 15.15 – 15.45 Coffee break
- 15.45 – 16.45 **Autotransporter antigen display**
Joen Luirink (VU University): Recombinant *Salmonella* vaccines as vector for vaccine development
Trang Phan (VU University): Addressing the limited capacity of the Type V secretion system to improve the cell surface display of antigens
Diane Houben (VU University): Decorating bacteria and OMVs using a bacterial glue
- 16.45 – 17.15 *Guido Grandi* (University of Trento): Synthetic biology of bacterial outer membrane vesicles (OMVs) for the development of vaccines against infectious diseases and cancer
- 17.15 – 17.45 *Wilbert Bitter* (VU University and Amsterdam UMC): Tinkering with the tuberculosis BCG vaccine: can you teach an old dog new tricks?
- 17.45 – 18.45 Drinks and poster viewing

Tuesday 19 November

09.00 – 10.00 **Polymer assemblies for antigen display**

Jan van Hest (Eindhoven University of Technology): Shape control in polymer assemblies for nanomedicine applications

Pascal Welzen (Eindhoven University of Technology): Multifunctional polymeric nano-vesicles as vaccine delivery platform

10.00 – 10.30 *Bruno de Geest* (Ghent University): Engineering innate immune activation with amphiphile-conjugated small molecule immunomodulators

10.30 – 11.00 Coffee break

11.00 - 11.30 *Yonghong Liao* (Pulike Biological Engineering): title to be announced

11.30 – 12.30 **Immunomodulation**

Henk Haagsman (Utrecht University): Immunomodulation

Maaike Scheenstra (Utrecht University): Innate immune training induced by chicken cathelicidin-2 in mice and chicken

Roel van Harten (Utrecht University): Cathelicidins modulate the immune response of porcine macrophages in a peptide-specific fashion

Melanie Balhuizen (Utrecht University): PMAP-36 reduces the immune response induced by *Bordetella bronchiseptica*-derived outer membrane vesicles

12.30 -13.00 *Volker Gerdtz* (VIDO-Intervacc and University of Saskatchewan): title to be announced

13.00 Take away lunch