

Abstract oral/poster presentations 2019

1. European Society of Pediatric Infectious Diseases Annual Meeting. Abstract #ESP19-1051; Ljubljana, Slovenia, May 6-11 2019.

Oral Presentation

R. De Groot, M. Koenen, A. Perkasa, S. Estevao, T. Hoogenboezem, E. Spuesens, AMC. van Rossum, L. Verhagen, W. Unger. ***Mycoplasma pneumoniae* vaccines should induce local antibodies to protect against upper respiratory tract carriage**

2. MoMaDC meeting Immunology department Erasmus MC; 23-05-2019

Oral Presentation

Ruben de Groot. **Monocyte subsets during *Mycoplasma pneumonia* respiratory tract infection and carriage: a new diagnostic test?**

3. Telethon Kids Institute, Annual Retreat, Rottneest Island, Australia. November 6-8, 2019.

Oral presentation

Ruben de Groot. **Profiling monocytes in peripheral blood to reveal the pneumonia-causing pathogen: the case of *Mycoplasma pneumonia*.**

4. AREST-CF user meeting, Telethon Kids Institute, Perth, Australia. November 20, 2019.

Oral presentation

Ruben de Groot. **TiMaSCAN: profiling blood monocytes to identify invasive pathogens in Cystic Fibrosis during pulmonary exacerbations.**

5. European Society of Pediatric Infectious Diseases Annual Meeting. MolMed day, Rotterdam, The Netherlands, March 14 2019

Poster presentation

R. De Groot, M. Koenen, A. Perkasa, S. Estevao, T. Hoogenboezem, E. Spuesens, AMC. van Rossum, L. Verhagen, W. Unger. ***Mycoplasma pneumoniae* vaccines should induce local antibodies to protect against upper respiratory tract carriage.**

Awards and grants 2019

1. Ruben de Groot: Research Training Fellowship of the European Society of Pediatric Infectious Diseases (€5000). Work visit to Telethon Kids Institute, November-December 2019.
2. Jop Jans (PI) , Wendy Unger (co-PI): Christine Bader-Irene Children's Hospital Foundation (€15.000) "Early onset sepsis in premature neonates: innate immune responses".
3. X. van den Tweel (PI), AMC van Rossum (co-PI) S. Kamphuis (co-PI) WWJ Unger (co-PI): Beter Keten (€191.000) BRAVOO!-studie: Beter herkenning van Reactieve Arthritis bij kinderen ter Voorkoming van Overbehandeling en Onnodige zorgconsumptie.
4. Jop Jans (PI), Wendy Unger (co-PI); Dr C.J. Vaillant Fonds (€15.000) "IMPRESS: Immune Mechanisms during PREmature Sepsis".

Invited Lectures 2019

Wendy Unger

Invited speaker International Conference on human, animal and plant Mycoplasmas. National Center for Microbial Resource, Pune, India. December 2019.

Publications 2019

1. Hesse L, Feenstra R, Ambrosini M, de Jager WA, Petersen A, Vietor H, Unger WWJ, van Kooyk Y, Nawijn MC (2019). Subcutaneous immunotherapy using modified Phl p5a-derived peptides efficiently alleviates allergic asthma in mice. *Allergy*. 74(12):2495-2498.
2. Meyer Sauter PM, Seiler M, Trück J, Unger WWJ, Paioni P, Relly C, Staubli G, Haas T, Gysin C, Bachmann ML, van Rossum AMC and Berger C. Diagnosis of *Mycoplasma pneumoniae* pneumonia with measurement of specific antibody-secreting cells. (2019). *Am J Respir Crit Care Med*. 200(8):1066-1069.
3. Schetters STT, Jong WSP, Kruijssen LJW, Saporoea HBVDBV, Engels S, Unger WWJ, Houben D, den Haan JMM, Luirink J, van Kooyk Y. (2019). Bacterial inclusion bodies function as vehicles for dendritic cell-mediated T cell responses. *Cell Mol Immunol*.
4. Schetters STT, Jong WSP, Horrevorts SK, Kruijssen LJW, Engels S, Stolk D, Daleke-Schermerhorn MH, Garcia-Vallejo J, Houben D, Unger WWJ, den Haan JMM, Luirink J, van Kooyk Y. (2019). Outer membrane vesicles engineered to express membrane-bound antigens program dendritic cells for cross-presentation to CD8+ T cells. *Acta Biomater*. 91:248-257.
5. Meyer Sauter PM, de Bruijn ACJM, Graça C, Tio-Gillen AP, Estevão SC, Hoogenboezem T, Hendriks RW, Berger C, Jacobs BC, van Rossum AMC, Huizinga R, Unger WWJ. Antibodies to protein but not glycolipid structures are important for host defense against mycoplasma pneumonia. *Infect Immun* 87(2):pii00663-18.