

## Abstract/oral presentation/poster presentation 2018

### **1. European Society of Pediatric Infectious Diseases Annual Meeting. Malmö, Sweden, May 28-June 2 2018.**

#### Poster Presentations

R. De Groot, P. Meyer Sauter, L. Verhagen, A. Perkasa, E. Spuesens, S. Estevao, T. Hoogenboezem, A. Van Rossum, W. Unger. **Role of immunoglobulin a in *Mycoplasma pneumoniae* upper respiratory tract carriage.** Abstract #ESP18-0526.

P.M. Meyer Sauter, B. Huber, W.W.J. Unger, P. Hasters, S. Brandt, G.V. Bloemberg, G. Natalucci, C. Berger **Community acquired infections: respiratory tract infections vertical transmission of mycoplasma pneumoniae infection.** Abstract #ESP18-0209.

### **2. 5th European Congress of Immunology. 2018-A-475-ECI; Amsterdam, The Netherlands, 2-5 September, 2018**

#### Poster Presentation

R. De Groot, P. Meyer Sauter, L. Verhagen, A. Perkasa, E. Spuesens, S. Estevao, T. Hoogenboezem, A. Van Rossum, W. Unger. **Role of Immunoglobulin A in *Mycoplasma pneumoniae* upper respiratory tract carriage.**

### **3. 8th symposium of the Netherlands Respiratory Society platform animal models in pulmonary research. Utrecht, The Netherlands, 12 October 2018**

#### Oral presentation

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

### **4. Joint Congress of the Asian Organization for Mycoplasma and the Japanese Society of Mycoplasma, National Institute of Infectious Diseases, Tokyo, Japan.**

R. De Groot, P. Meyer Sauter, L. Verhagen, A. Perkasa, E. Spuesens, S. Estevao, T. Hoogenboezem, A. Van Rossum, W.W.J. Unger. **Role of immunoglobulin a in *Mycoplasma Pneumoniae* upper respiratory tract carriage.**

## Awards and Grants 2018:

R.C.A. de Groot.

ESPID small grant "Proteomics on induced sputum to identify the pneumonia-causing pathogen" €9900.

## Thesis Defense:

Patrick Meyer Sauter. "Antibody responses to *Mycoplasma pneumoniae*: protecting against and triggering disease." Defense: 27-11-2018. Cum Laude

## Invited lectures:

Wendy Unger

1. Understanding bacterial respiratory tract infections in children to improve diagnostics. (LUMC, Immunology Lectures; 26-11-2018).

2. The pneumonia trail in blood. Profiling macrophages in blood reveals the pneumonia-causing pathogen. Research Lectures Medical Microbiologists St Antonius hospital and Diaconessenhuis; Nieuwegein; 2018).
3. Mycoplasmas: the odd one out? Grand Round Sophia Children's Hospital 20-04-2018.
4. "Vaccinatie: activeren van het afweer systeem". Seminar at the Colloquium series College of Child Development and Education, UvA, Amsterdam. (25-January-2018).

Publications:

1. Meyer Sauter PM, Unger WWJ, van Rossum AMC, Berger C. The Art and Science of Diagnosing Mycoplasma pneumoniae Infection. *Pediatr Infect Dis J.* 2018 aug 30.
2. Huber BM, Meyer Sauter PM, Unger WWJ, Hasters P, Eugster MR, Brandt S, Bloemberg GV, Natalucci G, Berger C. (2018) Vertical Transmission of Mycoplasma pneumoniae Infection. *Neonatology.* 114(4):332-336.
3. Meyer Sauter PM, Huizinga R, Tio-Gillen AP, Drenthen J, Unger WWJ, Jacobs E, van Rossum AMC, Jacobs BC. (2018) Intrathecal antibody responses to GalC in Guillain-Barré syndrome triggered by Mycoplasma pneumoniae. *J Neuroimmunol.* 314:13-16.
4. Derada Troletti C, Lopes Pinheiro MA, Charabati M, Gowing E, van Het Hof B, der Pol SMAV, Geerts D, Prat A, Fontijn RD, de Vries HE\* and Unger WW\* (2018) Notch signaling is impaired during inflammation in a Lunatic Fringe-dependent manner. *Brain Behav Immun.* 69:48-56.
5. Jans J, Unger WWJ, Vissers M, Ahout IML, Schreurs I, Wickenhagen A, de Groot R, de Jonge MI, Ferwerda G. (2018) Siglec-1 inhibits RSV-induced interferon gamma production by adult T cells in contrast to newborn T cells. *Eur J Immunol.* 48(4) :621-631.
6. Meyer Sauter PM, Huizinga R, Tio-Gillen A, de Wit MC, Unger WWJ, Berger C, van Rossum A and Jacobs B. Antibody responses to GalC in severe and complicated childhood Guillain-Barré syndrome. (2018). *J Periph Nervous System.* 23(1):67-69.
7. Meyer Sauter PM, De Groot RCA, Estevaõ SC, Hoogenboezem T, de Bruijn ACJM, Sluijter M, de Bruijn MJW, de Kleer IM, van Haperen R, Fraaij PLA, Bogaert D, Vink C, Hendriks RW, Samsom JN, van Rossum AMC\* & Unger WWJ\*. (2018) The role of B cells in carriage and clearance of Mycoplasma pneumoniae from the respiratory tract of mice. *J Inf Dis.* 217(2):298-309.
8. Unger WWJ, de Groot RCA, van Rossum AMC. (2018) Mycoplasma infecties bij kinderen: the odd one out. *Nederlands Tijdschrift voor Medische Microbiologie (NTMM).*