



Annual Meeting and Final Workshop

Interaction of the innate immune system with nanoparticles: perspectives for understanding environmental and human adaptation and health

11th-12th July 2019 - Paris-Lodron Universität Salzburg - Austria

Agenda

Day 1 - 11th July 2019

Venue: Lecture Hall blue HS 402 (Naturwissenschaftliche Fakultät, Hellbrunnerstraße 34, ground floor)

09.00-09.05 Welcome and introduction

Diana Boraschi - Consiglio Nazionale delle Ricerche, Italy

09.05-09.50 INVITED LECTURE

Allergo-oncology, decisions between immunity and tolerance

Erika Jensen-Jarolim - Medizinische Universität Wien, Austria

09.50-10.10 Innate memory drives human immune reactivity to external challenges

Ben Swartzwelter - Consiglio Nazionale delle Ricerche, Italy

10.10-10.30 Immunity and immunological memory in plant reactivity to nanomaterials

Eleonora Ferrari - Eberhard Karls Universität Tübingen, Germany

10.30-11.00 Coffee break

11.00-11.20 Immunity and immunological memory in marine molluscs

Manon Auguste - Università degli Studi di Genova, Italy

11.20-12.30 COURSE WRAP-UP & DISCUSSION

Responsible Research and Innovation: results, feed-back and wrap-up

Ignasi Gispert Pi - Applied Nanoparticles SL, Spain

Victor Franco Puentes - Fundació Institut Català de Nanociència i Nanotecnologia, Spain

Manon Auguste/Ben Swartzwelter/Craig Mayall

12.30-14.20 Lunch

14.20-14.40 Positive and negative modulation of dendritic cell functions by nanomaterials

Sara Michelini - Paris Lodron Universität Salzburg, Austria

14.40-15.00 Immune mechanisms in sea urchin at the cellular and subcellular level

Andi Alijagic - Consiglio Nazionale delle Ricerche, Italy

15.00-15.20 Intracellular mechanisms of immune responses in earthworms

Natividad Isabel Navarro Pacheco - Mikrobiologický ústav, Czech Republic

15.20-15.40 Measuring immunity in *Porcellio scaber* by genomic approaches

Craig Mayall - Univerza v Ljubljani, Slovenia

15.40-16.00 Human innate immune cells: standardisation of assay formats

Alessandra Prinelli - AvantiCell Science Ltd, UK

16.00-16.30 Coffee break



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- 16.30-17.15 **INVITED LECTURE**
Multifunction and sequence diversity of antimicrobial peptides from annelids
Aurélie Tasiemski - Université de Lille, France
- 17.30-18.00 **Supervisory Board Meeting**
(Beneficiaries, Partner Organisations and one fellows' representative)
- 20.00 *Networking dinner* at Restaurant K+K, Salzburg - Waagplatz 2, 5020 Salzburg

Day 2 - 12th July 2019

Venue: Lecture Hall blue HS 402 (Naturwissenschaftliche Fakultät, Hellbrunnerstraße 34, ground floor)

- 09.00-09.45 **INVITED LECTURE**
Gut mucosal immunity and the interaction with nanomaterials
Hans Bouwmeester - Wageningen University & Research, The Netherlands
- 09.45-10.05 **Interaction of nanomaterials with biological matrices**
Francesco Barbero - Fundació Institut Català de Nanociència i Nanotecnologia, Spain
- 10.05-10.25 **Modulation of annelid microbiota by nanomaterials**
Elmer Swart - Natural Environment Research Council, UK
- 10.25-10.45 **Modulation of isopod and earthworm immunity by nanomaterials**
Szabolcs Hernadi - Cardiff University, UK
- 10.45-11.20 *Coffee break*
- 11.20-12.00 **Management issues**
Paola Cesaroni - ALTA Ricerca e Sviluppo in Biotecnologie Srlu, Italy
- 12.00 **End of meeting**

