



Advanced Glycoscience Research Cluster at the National University of Ireland, Galway and University of Defence, Faculty of Military Health Sciences in Hradec Kralove, Invite you

to the Czech-Irish meeting dedicated to bilateral collaboration on natural and man-made biological agents and countermeasures

The meeting will take place at NUI Galway, November 28 to 30, 2021

Preliminary program

November 28, 2021

12:00 – 14:00 Lunch together

14:00 – 16:00 Informal discussion between FMHS UoD Hradec Králové and NUI Galway

19:00 – 21:00 Dinner together

November 29, 2021

08:30 – 08:40 NUI Galway Welcome

08:40 – 08:50 FMHS UoD Hradec Králové Welcome (**A. Macela**)

08:50 – 09:10 Defence Forces Ireland

09:10 – 09:30 Czech Defence Forces /Military Health Institute

09:30 – 09:50 Dr. Peter Daly, Irish Centre for Emergency Medicine.

Coffee/Tea break 9:50-10:10

Session I

Host-Pathogen Interaction (15-minute presentation with 5 minute Q&A)

10:10 – 10:20 **Jana Klimentová**, FMHS UoD, Hradec Králové: *Francisella tularensis* outer membrane vesicles and nanotubes

10:20 – 10:40 **Lucie Balonová**, **Marek Link**, **Ivona Pávková**, FMHS UoD, Hradec Králové: Determination of an unknown residue within the glycan moiety of the *Francisella* pilin glycoprotein

10:40 – 11:00 Irish speaker I – title pending

11:00 – 11:20 **Petra Špidlová**, **Pavla Stojková**, FMHS UoD, Hradec Králové: Role of *Francisella* HU protein in regulation host immune response, part 1

11:20 – 11:40 **Pavla Stojková, Petra Špidlová**, FMHS UoD, Hradec Králové: Role of *Francisella* HU protein in regulation host immune response, part 2

11:40 – 12:00 Irish speaker II – title pending

12:00 – 12:20 Irish speaker III – title pending

12:20 – 12:45 Session Q&A

Lunch 12:45-14:20

Session II

Therapeutics and Vaccines (15 minute presentations with 5 minutes Q&A)

14:20 – 14:40 Irish speaker IV – title pending

14:40 – 15:00 **Ivona Pávková**, FMHS UoD, Hradec Králové: Nanoparticles in the treatment of intracellular infections and vaccine development

15:00 – 15:20 **Klára Kubelková, Aleš Macela**, FMHS UoD, Hradec Králové: Natural antibodies: one of the keys to immune defense against pathogens

15:20 – 15:40 Irish speaker V – title pending

15:40 – 16:00 Session II Q&A

Session III

Medical Countermeasures and Personal Protection (15 minute presentations with 5 minutes Q&A)

16:00 – 16:20 **Lokesh Joshi**, NUI Galway: Use of lectins as receptor components of biologically active personal equipment

16:20 – 16:40 **Petr Pajer**, Military Health Inst. Prague: Investigating the suitability of lectins for selective purification of dangerous biological agents

16:40 – 17:00 **Alena Myslivcová-Fučíková**, Fac. Sci., Uni HK: Biological toxins - hot issues of biological protection

17:00 – 17:20 Irish speaker VII – title pending

17:20-17:40 Session III Q&A

19:00 – 21:30 Dinner

November 30, 2021

09:30 Farewell Notes and Coffee/Tea (Informal in hotel Western, Galway)

https://www.unob.cz/fvz/vyzkum_vyvoj/Stranky/default.aspx