



Univerzita
Hradec
Králové



1st

EUROPEAN WORKSHOP ON INTRA-AMNIOTIC INFECTION/INFLAMMATION

16. 6. 2022

EA Hotel Tereziánský dvůr, Jana Koziny 336, Hradec Králové

Project: PERSONMED - Center for the Development of Personalized Medicine in Age-Related Diseases

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EUROPEAN UNION
European Structural and Investment Funds
Operational Programme Research,
Development and Education



Registration: www.hanzo.cz/personmed/

Scientific committee



Teresa Cobo
(Spain)



Bo Jacobsson
(Sweden)



Marian Kacerovsky
(Czechia)



Programme

9:15 – 9:30

I. Opening of the workshop - welcome

Prof. Vladimír Palicka, M.D., Ph.D., Dr.h.c., (Hradec Kralove, Czech Republic)

Director, University Hospital Hradec Kralove

Prof. Jiri Mandak, M.D, Ph.D., (Hradec Kralove, Czech Republic)

Dean, Charles University, Faculty of Medicine in Hradec Kralove

Prof. Jiri Spacek, M.D., Ph.D., (Hradec Kralove, Czech Republic)

Head, Department of Obstetrics and Gynecology, University Hospital Hradec Kralove

Bc. Pavel Bulíček (Hradec Kralove, Czech Republic)

First deputy Governor of the Hradec Kralove region

9:30 – 11:10

II. Preterm delivery and intra-amniotic inflammation

Prof. Jan Krejsek, Ph.D. (Hradec Kralove, Czech Republic)

Inflammation – an immunologist point of view (20 min)

Prof. Bo Jacobsson, M.D., Ph.D. (Gothenburg, Sweden)

Preterm birth – a global perspective (20 min)

Prof. Teresa Cobo, M.D., Ph.D. (Barcelona, Spain)

Spontaneous preterm labor and intra-amniotic inflammation (20 min)

Prof. Marian Kacerovsky, M.D., Ph.D. (Hradec Kralove, Czech Republic)

Preterm prelabor rupture of membranes and intra-amniotic inflammation (20 min)

Discussion (20 min)

11:10 – 11:30

Coffee break

11:30 – 12:20

II. Animal models and intra-amniotic inflammation

Prof. Ramkumar Menon, Ph.D. (Galvestone, US)

Development of a mouse model of ascending infection and preterm birth (20 min)

Ass. Prof. Ivana Musilova, M.D., Ph.D. (Hradec Kralove, Czech Republic)

Development of a rat model of intra-amniotic inflammation via ultrasound-guided administration of a triggering agent (20 min)

Discussion (10 min)

12:20 – 13:20

Lunch

13:20 – 14:20

III. Cervical/vaginal microbiota and intra-amniotic inflammation

Prof. Ronald Lamont, M.D., Ph.D. (London, UK)

Vaginal microbiome and preterm birth (20 min)

Prof. Ramkumar Menon, Ph.D. (Galvestone, US)

Cervical infection and inflammation in preterm birth (20 min)

Prof. Marian Kacerovsky, M.D, Ph.D. (Hradec Kralove, Czechia)

Cervical microbiome and intra-amniotic inflammation in preterm prelabor rupture of membranes (10 minutes)

Discussion (10 minutes)

14:20 – 14:40

Coffee break

14:40 – 17:10

IV. Intra-amniotic inflammation – how to ...

Prof. Vedran Stefanovic, M.D., Ph.D. (Helsinki, Finland)

How to assess intra-amniotic inflammation in amniotic fluid (20 min)

Rudolf Kukla, Ph.D. (Hradec Kralove, Czech Republic)

How to identify of microorganisms and/or their nucleic acids in amniotic fluid. (20 min)

Marie Vajrychová Ph.D. (Hradec Kralove, Czech Republic)

How to perform proteomic analysis of amniotic fluid with respect to intra-amniotic inflammation (20 min)

Ass. Prof. Ivana Musilova, M.D., Ph.D. (Hradec Kralove, Czech Republic)

How to use an ultrasound to predict the risk of intra-amniotic inflammation (20 min)

Jaroslav Stranik, M.D., Ph.D. (Hradec Kralove, Czech Republic)

How to invasively and non-invasively obtain a sample of body fluid to assess intra-amniotic environment (20 min)

Prof. Teresa Cobo M.D., Ph.D. (Barcelona, Spain)

How to non-invasively predict intra-amniotic infection and early delivery in preterm labor with intact membranes (20 min)

Prof. Marian Kacerovsky M.D., Ph.D. (Hradec Kralove, Czech Republic)

How to treat intra-amniotic inflammation (10 min)

Discussion (20 min)

17:10 – 17:30

Coffee break

17:30 – 18:30

V. Intra-amniotic inflammation and neonatal outcomes

Clara Murillo, M.D., Ph.D.c. (Barcelona, Spain)

Fetal cardiovascular impact of subclinical intra-amniotic infection/inflammation (20 min)

Jana Zemankova M.D., Ph.D. (Hradec Kralove, Czech Republic)

Intra-amniotic inflammation and long-term neonatal outcomes (10 min)

Jana Matulova, Msc., Ph.D.c (Hradec Kralove, Czech Republic)

Intra-amniotic inflammation and birthweight (10 min)

Discussion (20 min)

18:30

VI. Closing of the workshop



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