

Thursday, MAY 22, 2014

Arrival and accommodation at the Castle Trest

19.00 DINNER

Friday, MAY 23, 2014

Breakfast from 7 am

09.30 – 09.40 **OPENING CEREMONY:**
Ulcova-Gallova Z., Peknicova J.

Chairpersons: Ulcova-Gallova Z., Jonak J.

- 09.40-10.00 Chaouat G. (France): The Medawar paradox in the 21th century.
10.00-10.20 Mestecky J. (U.S.A., CZ): Concordant and discordant functions of HIV-specific antibodies of IgG and IgA isotypes in the systemic, genital and intestinal mucosal compartments.
10.20-10.40 Shibahara H. (Japan): Role of anti-sperm antibodies in immunologically infertile women.
10.40-11.00 Sargent I. (England): Syncytiotrophoblast vesicles and immunomodulation in pregnancy.

11.00- 11.30 COFFEE BREAK

Chairpersons: Peknicova J., Madar J.

- 11.30-11.50 Madar J.: Role of reproductive immunology in *in vitro* fertilization.
11.50-12.05 Antalikova J. (Slovakia): Sperm treatment anti-bovine CD9 antibody reduced the fertilization *in vitro*.
12.05-12.20 Dvorakova-Hortova K.: One more drop for decreasing reproduction.
12.20-12.35 Sebkova N.: Dynamics of CD46 and β 1 integrin proteins in the sperm head during capacitation and acrosome reaction.
12.35.-12.50 Jonakova V.: The ubiquitin-proteasome system is involved in the regulation of activity of spermadhesins AQN1 and acrosin inhibitor.
12.50-13.05 Ded L.: Endocrine disruptors induce transgenerational alterations of the male reproductive parameters and miRNA expression profiles in mouse primordial germ cells.

13.15-14.30 LUNCH

Chairpersons: Dvorakova-Hortova K., Jonakova V.

- 14.30-14.45 Zatecka E.: The effect of tetrabrombisphenol A on protamination and DNA quality of mouse sperm.
- 14.45-15.00 Dorosh A. (Ukraine): Effect of exposure to bisphenol A on gene expression in testicular tissue in male mice.
- 15.00-15.15 Manaskova-Postlerova P.: Detection of mannosidase in the porcine urogenital tract – study of the sperm releasing from oviductal reservoir.
- 15.15-15.30 Davidova-Cozlova N.: Enzymatic and inhibiting activity in boar epididymal fluid.

15.30-16.00 COFFEE BREAK

Chairpersons: Tlaskalova-Hogenova H., Sebkova N.

- 16.00-16.15 Dostalova P.: Expression of estrogen receptor beta (ER β) in murine reproductive tract and sperm.
- 16.15-16.30 Zigo M. (Slovakia): Panel of monoclonal antibodies – alternative tool for monitoring of sperm-zona pellucida receptors localization and identification.
- 16.30-16.40 Ulcova-Gallova Z.: Significance of screening tests in systemic lupus erythematosus.
- 16.40-16.55 Tibenska E. (Slovakia): The role of vitamin D in the reproductive system.
- 16.55-17.15 Tlaskalova-Hogenova H.: Microbiome and mucosal barrier function in pathogenesis of inflammatory disease.
- 17.15- 17.30 BIO-RAD: New product – S3™ Cell sorter.

17.40-18.30 *Accordionists - concert*

19.00 DINNER (RAUT)

Saturday, MAY 24, 2014

Breakfast from 7 am

Chairpersons: *Novakova D., Zídkova J.*

- 9.00-9.15 Capkova J.: Flow cytometry sperm assessment in normozoospermic and asthenozoospermic men using monoclonal antibodies against sperm proteins.
- 9.15-9.30 Zídkova J.: Study of immunological properties of sperm and seminal plasma protein.
- 9.30-9.45 Bobak L. (Slovakia): Serological immunoblotting of chlamydial infection in infertile couples and its association with selected immunological parameters (pilot study).
- 9.45-10.00 Malickova K.: Diagnostic and prognostic value of presepsin in preterm deliveries.
- 10.00-10.15 Novakova D.: The impact of thyroid disorders on fertility and impact of assisted reproduction on the thyroid gland.
- 10.15-10.30 Ondryasova H.: Prevalence of HPV Infection in infertile women and oocyte donors.

10.30-11.00 COFFEE BREAK

Chairpersons: *Malickova K., Bobak L.*

- 11.00-11.15 Cupperova P. (Slovakia): Developmental potential of bovine oocytes cultivated *in vitro* is affected by mineral oil exposed to UV light.
- 11.15- 11.30 Dvorakova M.: S-allyl cysteine but not allin influences meiotic maturation of porcine oocytes.
- 11.30-11.45 Krejcova T.: Effect of carbon monoxide on porcine oocytes meiotic maturation.
- 11.45-12.00 Weingartova I.: Hydrogen sulfide: a signal molecule in oocyte maturation and cumulus expansion.
- 12.00-12.15 Mala E.: Doctor, do everything. Although I do not know I want.
- 12.15-12.35 Landova V.: Some aspects of frustration.
- 12.35-12.45 Domorazkova E.: Maternal hope foundation.

12.45-13.00 **CLOSING OF SYMPOSIUM**
Peknicova J., Ulcova-Gallova Z.

13.15 -14.30 **LUNCH**