VRI Scientists Participated in the
9th European Symposium of Porcine Health Management

On 3rd to 5th May 2017, the 9th European Symposium of Porcine Health Management was held at the Prague Congress Centre with over 1,500 notables and specialists from around the globe in attendance. This event was organized by the Czech Society of Veterinary Surgeons, in collaboration with the European College of Porcine Health Management and the European Association of Porcine Health Management.

The conference was held under the auspices of the Ministry of Agriculture of the Czech Republic, the Pig Breeders’ Association of Bohemia and Moravia and the Veterinary Research Institute of Brno.
The following scientists from the VRI were involved in the organization of the event: Dr. Kateřina Nechvátalová, Ph.D., who was also Chairwoman of the Organizing Committee by virtue of her function as CPVS President, Dr. Jan Bernardy, who was member of the local organising committee and of the international scientific committee and Dr. Martin Faldyna, member of the international scientific committee. Besides their organizational functions, VRI scientists delivered the assembled gathering lectures and posters. The following list of scientists also made their results the subject of lectures at the conference: Dr. Jan Gebauer, Dr. Karolína Hlavová, Dr. Hana Štěpánová, Dr. Katarína Matiašková, Mgr. Lenka Kavanová and Mgr. Zrinka Orešković. Dr. Hana Štěpánová came second in the Best Poster Award out of 345 entries.

The following keynote lecture was presented by Dr. Faldyna:

Oral communication selected on the basis of abstracts, presented by Dr. Gebauer:
**Differentiation of porcine post-infection and post-vaccination antibodies after Salmonella Typhimurium infection and vaccination with Salmonella Typhimurium-based inactivated vaccine** (Gebauer, J., Kudlackova, H., Tesarik, R., Faldyna, M., Matiasovic, J.).

Another seven papers were presented in the form of posters:
**Survey and outbreak of less observed viruses in the Czech Republic** (Kavanova, L., Toman, M., Moutelikova, R., Prodelalova, J., Frölichova, J., Celer, V.)

**Development of inactivated vaccine against non-typhoid salmonella infections in pigs** (Matiasovic, J., Gebauer, J., Kosina, M., Kudlackova, H., Tesarik, R., Maceckova, M., Faldyna, M.)

**Aspects of intradermal application of different adjuvants in pigs** (Oreskovic, Z., Kudlackova, H., Leva, L., Krejci, J., Nechvatalova, K., Kummer, V., Faldyna, M.)

**The capsular polysaccharide as a potential novel subunit vaccine with cross-protection against the most prevalent serovars of Haemophilus parasuis in the Czech Republic** (Matiaskova, K., Nedbalcova, K., Tesarik, R., Kudlackova, H., Toman, M., Faldyna, M.)

**The impact of induced parturition on cells, cytokines, complement and lysozyme in porcine colostrum** (Hlavova, K., Kudlackova, H., Faldyna, M.)

**Transfer of deoxynivalenol from a sow to piglets** (Stepanova, H., Hlavova, K., Stastny, K., Leva, L., Kavanova, L., Faldyna, M.)

**Role of IFNα in multifactorial respiratory disease of swine** (Kavanova, L., Matiaskova, K., Nedbalcova, K., Faldyna, M., Salat, J.)
All presented studies were supported by the following projects of the Ministry of Agriculture of the Czech Republic (RO0516, RO0517, QJ1210115, QJ1210120, QJ1310258, QJ1510108, QJ1510128) and the Ministry of Education, Youth and Sports of the Czech Republic (National Sustainability Programme project NPU-I LO1218 entitled OneHealth and COST-CZ LD15055 project). All studies were carried out in the laboratories belonging to the OP R&DI project Centre for Advanced Microbiology and Immunology in Veterinary Medicine AdmireVet (CZ.1.05/2.1.00/01.006, ED0006/01/01).