

# MVDr. Alena Osvaldová

**Highest acquired education:** University

**Gender:** Female

**Date of birth:** 3. 2. 1987

**Place of birth:** Prague, Czech Republic

**Nationality:** Czech

## Contact:

**Phone number:** +420 737 749 936

**E-mail:** osvaldova.alena@seznam.cz

**Address:** Slavíčková 8, Brno 638 00, Česká republika

**WWW:** <http://www.linkedin.com/in/alenaosvaldova>

## Education:

### **2012 – 2015 University of Veterinary and Pharmaceutical Sciences Brno**

Faculty of veterinary medicine

Specialization veterinary microbiology and immunology

PhD thesis: Immunology of Salmonella infection in pigs

This work will be conducted at Veterinary research institute, v.v.i., Brno

### **2006 - 2012 University of Veterinary and Pharmaceutical Sciences Brno**

Faculty of veterinary medicine

Specialization veterinary medicine

Diploma thesis: Pattern recognition receptors on porcine leukocyte subpopulation

This work was conducted at Veterinary research institute, v.v.i., Brno

## Employment history:

### **Since 10/2012      Veterinary research institute, v.v.i., Brno**

Job position: Research worker

Job description: Participation in research tasks in fields of basic and antiinfectious immunology, publication of results

- Experience with qRT-PCR on LighCycler 480, Roche
- Experience with RNA isolation (RNeasy Mini Kit, Qiagen), reverse transcription
- Experience with magnetic isolation using MACS Columns and MACS Separator (Miltenyi Biotech)
- Sample processing using Elisa method, PCR, qRT PCR and electrophoresis
- Experience with transduction using bacteriophage P22, inactivation of chromosomal genes using PCR products (Datsenko method)
- Work with LighCycler 480 software, analysis of acquired data

## Seminars:

- Training course to gain qualification and professional competence in accordance with § 15d paragraph 3 of Act No. 246/1992 Coll., The protection of animals against cruelty, as amended, 2013, Brno, Czech Republic
- Fundamentals of research work – The academy of sciences of the Czech Republic, 2012, Brno, Czech Republic
- Molecular and cellular basics of immunology, 2013, Prague, Czech Republic
- Summer school on host-pathogen interactions, 2013, Brno, Czech Republic

## Internship abroad:

### **January-February 2014 The Royal Veterinary College, Hawkshead Campus, Hertfordshire, UK**

6-week long internship in molecular immunology laboratory under supervision of professor Dirk Werling

- Experiences with work in foreign laboratory
- Site-directed mutagenesis on bovine TLR5 using Agilent Technologies kit
- Work with Hek293T and CΔ2+ cell lines

## Conference participation:

### **28. 8. – 1. 9. 2013 IVIS 2013, Milan, Italy**

- Participation with poster „Expression of pattern recognition receptors in porcine leukocytes exposed to Salmonella Typhimurium“

## Publications:

- Jan Matiasovic, Hana Stepanova, Hana Kudlackova, Hana Havlickova, Frantisek Sisak, Ivan Rychlik, Katarina Chlebova, Lenka Leva, Alena Osvaldova, Jan Gebauer, Martin Faldyna: Immune response of pigs to Salmonella enterica serovar Derby and Typhimurium infections (2014), <http://dx.doi.org/10.1016/j.vetmic.2014.02.0033>

## Skills:

**Czech:** Native speaker

**English:** Intermediate

**German:** Passive

**Computer skills:**

- User - Windows Vista, MS Office (Word, Power Point, Excel)
- Experience with work in Primer-BLAST, BioEdit Sequence Alignment Editor

**Driver licence:** B

## Ideal job:

**Type:** Part-time job/Full-time job

**Place:** Brno