



**Associate Professor  
TANASE IRINA-OANA DVM, PhD**

Course holder for: "***Infectious diseases and preventive medicine (IV year/II)***", : "***Infectious diseases and preventive medicine (V year/I)***" and " "***Companion animal and exotic pet pathology (VI year)***"

Faculty of veterinary Medicine, USV *Ion Ionescu de la Brad* Iasi

8 Aleea Mihail Sadoveanu, Iasi-700489, Romania

phone: 0040 232 407328, fax: 0040 232 407327;

Email: [tanase\\_oana@yahoo.com](mailto:tanase_oana@yahoo.com)

**Competences**

- Infectious disease and preventive medicine
- Avian and swine pathology
- Companion animal and exotic pet pathology
- Swine and avian health management

**Research areas**

- Viral diseases of swine
- Viral disease of horses
- Paramyxoviruses avian pathology
- Orthomyxoviruses animal pathology
- Biotechnology for specific prophylaxis of foot rot in ruminants
- Testing of vaccines based on lentiviral vectors in swine, poultry and equine

**Educational background**

- PhD in Veterinary Medicine, Infectious diseases speciality (2009); University of Agronomical Sciences And Veterinary Medicine „Ion Ionescu de la Brad”, Iași Faculty of Veterinary Medicine (2003-2009);
- Epidemiology and veterinary therapeutics master degree, University of Agronomical Sciences And Veterinary Medicine „Ion Ionescu de la Brad”, Iași Faculty of Veterinary Medicine (2003-2005)
- Doctor in veterinary medicine (2003) – University of Agronomical Sciences And Veterinary Medicine „Ion Ionescu de la Brad”, Iași Faculty of Veterinary Medicine (1997-2003)
- Bachelor's degree (1995) at “Dimitrie Ghica” highschool, Comanesti, Bacau county, Mathematical-Physics (1991-1995)
- Extern mobility with Erasmus program for an internship at Faculty of Veterinary Medicine, Bologna, Italy – training in virological diagnosis and new molecular biology techniques (2006-2007).

### **Member of scientific / professional societies**

- Member of General Association of Veterinarians from Romania
- Member of the College of Veterinarians from Romania (CMVR)
- Member in European Association for veterinary epidemiology (AEEMA)
- PROMED VITA Association Iassy
- Worldwide Veterinary Association
- Federation of Veterinarians of Europe

### **Publication**

Scientific papers communicated or published: 76

1. **Tanase Irina Oana**, Pavli Constantin, Velescu Elena, 2012 - *Equine Viral Arteritis prevalence in eastern part of Romania, impact study imposed by uncontrolled breeding process.* Journal of Animal and Veterinary Advances 11(24), pg. 4533-4535. Medwell Journals. ISSN: 1680-5593, impact factor 0.39.
2. **Tanase Irina-Oana**, Pavli Constantin, Trandabat Alexandru, 2013 – *Virtual instrumentation appliance in reproduction biotechnologies used in domestic felids.* Current Opinion in Biotechnology, Volume 24, impact factor 8,93.
3. Mihaela Anca Dascalu, Florentina Daraban, Oana Raluca Rusu, **Oana Irina Tanase**, Elena Velescu, 2015 – *Epidemiological statistics of rabies in animals in Moldova region, Romania between 2010 and 2014.* Journal of Biotechnology 208: S35.  
DOI: 10.1016/j.jbiotec.2015.06.097, impact factor 2.87.
4. Florentina Bocaneti, **Oana Tanase**, Constantin Daraban, Elena Velescu, Christine Radu, 2015 – *Reverse transcription-PCR for detection of porcine diarrhea associated group a rotavirus in faecal samples from porcines farmed in north-eastern Romania.* Scientific Works. Series C. Veterinary Medicine Bucharest, Vol. LXI (2), ISSN 2065-1295; ISSN 2343-9394 (CD-ROM); ISSN 2067-3663 (Online); ISSN –L 2065-1295, pg. 109-112.
5. Mihaela Anca Dascalu, Florentina Daraban, Marius Dan, Doina Daneş, Stelian Baraitareanu, **Oana Irina Tanase**, Elena Velescu, 2015 – *Detection of antibodies against rabies virus in foxes serum after oral vaccination campaign in Buzau and Galati Counties.* The 14 th International symposium Prospects for the 3 rd millennium agriculture Cluj-Napoca, Veterinary Medicine-Clinical Sciences, Book of abstracts no.2.
6. Florentina Bocaneti, **Oana Irina Tanase**, C. Daraban, Elena Velescu, 2015 – *Detection of papillomavirus DNA by classical PCR from spontaneous cutaneous fibropapillomas in cattle.* The Romanian review of veterinary medicine, Vol. 25, no.2, ISSN: 1220-3173, ISSN: 2457-7618, pg. 9-12.
7. Sarli G., Peli A., **Tanase O.**, Marrocco R., Zanotti L., Ducci A., Bonato A., Sassi F., Benazzi C., Pietra M., Cinotti S., 2007 - *Relazione mRNA proteina per IL-1 $\beta$  e IL-8 nel liquido di lavaggio bronco-alveolare (BAL) di cavallo in corso di ostruzione ricorrente delle vie aeree (RAO),* «ATTI DELLA SOCIETÀ ITALIANA DELLE SCIENZE VETERINARIE», vol. 61, pp. 233 - 234 (atti di: Congresso Nazionale della Società Italiana delle Scienze Veterinarie, Salsomaggiore Terme (PR) 26-29 settembre 2007).
8. **Tanase Irina Oana**, Pavli Constantin, Milea Smărăndița, 2010 - *Using of the serological screening the presence and the prevalence of porcine reproductive and respiratory syndrome in eastern Romania.* Scientific works, C series LVI (2) Veterinary Medicine Bucharest, ISSN 1222-5304, pg. 179-183.

### **Monographs/textbooks/handbooks**

(in Romanian language)

1. **Tanase Irina-Oana**, Daraban Florentina, 2015 – *Boli infecțioase ale animalelor. Îndrumător de lucrări practice*. Editura "Ion Ionescu de la Brad" Iasi, ISBN: 978-973-147-201-0.
2. **Tanase Irina-Oana**, 2016 – Patologia animalelor exotice și de agrement. Editura "Ion Ionescu de la Brad" Iasi, ISBN: 978-973-147-218-8.
3. **Tanase Irina-Oana**, 2009 – *Cercetări privind sindromul respirator și de reproducție la porcine (PRRS)*. PhD thesis, USAMV Iasi.
4. Perianu T., Ștefan N., Carp- Cărare M., Velescu Elena, Alexandru N., Spătaru T., **Tanase Irina- Oana**, 2005 – *Boli infecțioase ale animalelor, Viroze Vol II*. Editura Universitas XXI, pag. 504, Iasi, ISBN: 973-7960-06-8.
5. Perianu Tudor si col., 2011 – *Tratat de boli infecțioase ale animalelor, Bacterioze Vol I*. Editura Universitas XXI, pag. 924, Iași, ISBN:978-606-538-062-2.
6. Perianu Tudor si col., 2012 – *Tratat de boli infecțioase ale animalelor, Viroze Vol II*. Editura Universitas XXI, pag. 920, ISBN: ISBN:978-606-538-062-4.

### **Postgraduate training**

- 2003-2005: Epidemiology and veterinary therapeutics master degree, University of Agronomical Sciences And Veterinary Medicine „Ion Ionescu de la Brad”, Iași Faculty of Veterinary Medicine.
- 29 november – 03 december 2010 – Attending and graduating the Course: Professional training program intended for personnel involved in developing programs for veterinary medical academic studies aiming the skill improvement for the design and development of curricula; training program developed within the project "Academic education at european level in veterinary medicine domain " POSDRU/ 86/ 1.2/ S/ 63654 ID Proiect 63654, Faculty of Veterinary Medicine, Bucharest.

### **Research projects**

#### **A. Research contract director twice CNCSIS:**

1. **CNCSIS Program, TD, Cod: 175 /2007** *Researches regarding Porcine Respiratory and Reproductive Syndrome PRRS*, October. 2007 to March 2009, the amount 42500 lei.
2. **Postdoctoral Contract, cod CNCSIS 375/2010**, *Epidemiological and molecular biology researches in arteriviridae infections from eastern Romania*. July 2010-July 2012, the amount 340000 lei;

#### **B. Researcher in 7 grants: 4 CNCSIS, 2 CEEX, 1 PNCDI-2**

1. *Researches on gangrenous mastitis and theirs economic implications in sheep infectious pathology*. **CNCSIS Project**, manager Tuc Ciprian, USAMV Iasi.
2. *Paramyxoviruses isolation, identifying and implication in avian pathology*. **Project financed by CNCSIS Project**, manager Prof. Perianu Tudor, USAMV Iasi.
3. *Researches on Orthomyxoviruses involved in avian pathology*. **Project financed by CNCSIS, Project**, manager Prof. Velescu Elena, USAMV Iasi Prof. Velescu Elena, USAMV Iasi.
4. *Biotechnology develop for specific prophylaxis of infectious pododermatitis caused by Fusobacterium Necrophorum, using accelerated electrons and microwaves*. **CEEX nr.34/10.10.2005, Project Biotech Contract CEEX**, Prof. Velescu Elena, USAMV Iasi, Project manager Prof. Togoe Iulian, USAMV Bucuresti.
5. *Developing and validating West Nile virus diagnostic and surveillance methods in Danube Delta, testing a new vaccine based on lentiviral vectors ROVETNILE*, **CEEX 21/25.01.2006, Project Biotech Contract CEEX**, Project manager Prof. Savuta Gheorghe, USAMV Iasi.
6. *Fight against genetically recombinant viruses: testing new vaccines based on lentiviral vectors in swine and birds*. **RO-FLU, Project PN – II Contract 52180/2008**, Project manager Prof. Savuta Gheorghe, USAMV Iasi.
7. *Epidemiological and etiologic researches on hepatitis E virus in swine from eastern Romania*. **Project CNCSIS tip IDEI**, Project manager Prof. Savuta Gheorghe, USAMV Iasi.