



Curriculum vitae

Stelian BĂRĂITĂREANU

Data și locul nașterii: **04.12.1973, Ploiești**

Studii

Perioada: 1994-2000

Calificarea / diploma obținută: Doctor - medic veterinar

Disciplinele principale studiate /competențe profesionale dobândite: Medic veterinar

Numele și tipul instituției de învățământ / furnizorului de formare: USAMV București

Nivelul în clasificarea națională sau internațională: Nivelul 7. Diplomă de licență (pentru profesii reglementate prin norme, recomandări sau bune practici europene, în cazul unui program unitar de studii universitare cu o durată cuprinsă între 5 și 6 ani, alcătuit din ciclul I și ciclul II de studii universitare, precum și pentru absolvenții învățământului superior de lungă durată din perioada anterioară aplicării celor 3 cicluri tip Bologna, conform art. 153 din Legea nr. 1/2011, cu modificările și completările ulterioare)

Perioada: 2001-2008

Calificarea / diploma obținută: Doctor în Științe Medicale, domeniul Medicină Veterinară

Studii postuniversitare de perfecționare prin Doctorat (diploma cu seria F nr.0006515, în baza Ordinului Ministrului Educației Naționale nr. 5837/04.11.2008)

Disciplinele principale studiate/competențe profesionale dobândite: Boli infecțioase și Medicină Preventivă

Numele și tipul instituției de învățământ / furnizorului de formare: USAMV București

Nivelul în clasificarea națională sau internațională: Nivelul 8. Diplomă de Doctor

Perioada: 28 mai – 5 iunie 2001

Calificarea/diploma obținută: Diplomă de absolvire

Disciplinele principale studiate /competențe profesionale dobândite: Biologie celulară și moleculară

Numele și tipul instituției de învățământ / furnizorului de formare: Institutul de Biologie și Patologie Celulară "Nicolae Simionescu" București, Academia Română

Nivelul în clasificarea națională sau internațională: Nivelul 5. Certificat de competențe profesionale

Perioada: 24 mai – 25 mai 2007

Calificarea/diploma obținută: Certificat de instruire

Disciplinele principale studiate /competențe profesionale dobândite: Fundamentele Managementului de Proiecte

Numele și tipul instituției de învățământ / furnizorului de formare: Delaware Technical & Community College, Wilmington, Delaware, USA

Nivelul în clasificarea națională sau internațională: Nivelul 5. Certificat de competențe profesionale

Perioada: 19 iunie – 22 iunie 2007

Calificarea/diploma obținută: Certificat de instruire

Disciplinele principale studiate /competențe profesionale dobândite: Sisteme de supraveghere a sănătății animalelor

Numele și tipul instituției de învățământ / furnizorului de formare: Clinical Sciences Department, Faculty of Veterinary Medicine, University of Agronomic Sciences and Veterinary Medicine Bucharest, Romania , Department of Veterinary Integrative Biosciences, Texas A&M University, SUA

Nivelul în clasificarea națională sau internațională: Nivelul 5. Certificat de competențe profesionale

Perioada: 1 aprilie – 5 aprilie 2007

Calificarea/diploma obținută: Certificat de instruire

Disciplinele principale studiate /competențe profesionale dobândite: Biosecuritatea influenței aviare

Numele și tipul instituției de învățământ / furnizorului de formare: Division of Professional and Continuing Studies and the Avian Biosciences Centre, University of Delaware, USA

Nivelul în clasificarea națională sau internațională: Nivelul 5. Certificat de competențe profesionale

Perioada: 24 noiembrie – 28 noiembrie 2008

Calificarea/diploma obținută: Certificat de absolvire

Disciplinele principale studiate /competențe profesionale dobândite: Trasarea infecțiilor virale prin metode moleculare (PCR și secvențiere)

Numele și tipul instituției de învățământ / furnizorului de formare: Institutul National de Cercetare - Dezvoltare pentru Microbiologie și Imunologie Cantacuzino, București

Nivelul în clasificarea națională sau internațională: Nivelul 5. Certificat de competențe profesionale

Perioada: 8 martie – 23 iunie 2010

Calificarea/diploma obținută: Certificat de absolvire

Disciplinele principale studiate /competențe profesionale dobândite: Inițiere în istoria și filozofia științei

Numele și tipul instituției de învățământ / furnizorului de formare: Comitetul Român pentru Istoria și Filozofia Științei și tehnicii, Academia Română

Nivelul în clasificarea națională sau internațională: Nivelul 5. Certificat de competențe profesionale

Perioada: 27 iunie – 1 iulie 2011

Calificarea/diploma obținută: Certificat de participare

Disciplinele principale studiate /competențe profesionale dobândite: Curs de boli notificabile și exotice

Numele și tipul instituției de învățământ / furnizorului de formare: AHVLA Weybridge și IAH Pirbright, Marea Britanie

Nivelul în clasificarea națională sau internațională: Nivelul 5. Certificat de competențe profesionale

Aptitudini și competențe personale: Diagnostic imunologic (ELISA, ID, IHA), Diagnostic prin tehnici de biologie moleculară (PCR, Real time PCR), Boli infecțioase și medicină preventivă, Istoriografie medicală

Limbi străine cunoscute

Limba engleză: citit, scris și vorbit.

Locul de muncă și poziția actuală

Facultatea de Medicină Veterinară,
Departamentul: Științe Clinice / Conferențiar

Experiența profesională națională

2015-prezent – Conferențiar, Boli infecțioase, medicina preventivă și prelegeri clinice pe specii
2008-2015 – Șef de lucrări, Facultatea de Medicină Veterinară București – Boli infecțioase și medicină preventivă, Zoonoze emergente și reemergente, Zoonoze transmisibile prin alimente
2002-2008 – Asistent universitar, Facultatea de Medicină Veterinară București – Boli infecțioase și medicină preventivă
2000-2002 – Preparador, Facultatea de Medicină Veterinară București – Boli infecțioase și medicină preventivă

Experiența profesională internațională

Stagii de documentare și instruire:

- **University of Delaware și Delaware Technical Community College** – USA (Universitatea din Delaware este instituție de învățământ superior și cercetare din lista aprobată prin Ordinul Ministrului Educației, Cercetării, Tineretului și Sportului, elaborat conform art. 216 alin. (2) lit. f) din Legea nr. 1/2011, prin Ordinul MECTS nr. 3158/2012 privind aprobarea Listei universităților de prestigiu din alte state, în vigoare de la 06.02.2012, Anexa -poziția 462, Statele Unite ale Americii) Durata: 12 săptămâni.
- **Animal and Plant Health Agency Weybridge**, New Haw, Surrey (UK) (anterior denumit AHVLA), Durata: 12 săptămâni.
- **Istituto Zooprofilattico Sperimentale della Lombardia e Dell'Emilia Romagna (IZSLRER)**, Brescia - Italia. Durata: 1 săptămână.

Tematica cercetării

- Zoonoze transmisibile prin vectori;
- Cercetări privind circulația FeLV în România;
- Cercetarea epidemiologică a bacteriozelor cu potențial zoonotic transmisibile de la animale de companie la om;
- Circulația patogenilor specifici leporidelor în România;
- Studii privind sindromul respirator și de reproducție la porcine și circoviroza porcină;
- Serosupravegherea infecțiilor virale și bacteriene în ferme profesionale de porci;
- Serosupravegherea unor viroze emergente pe teritoriul României: virusul Schmallenberg;
- Boli infecțioase ale oilor și caprelor: scrapia, artrita encefalita caprină, yersinioza, bruceloza;
- Zoonoze emergente și re-emergente;
- Agenți zoonotici cu potențial bioterorist.

Cele mai semnificative publicații

Am publicat 12 cărți ca autor, coautor sau autor de capitole: monografii, îndrumare, manuale - în domeniul bolilor infecțioase și medicinei preventive (7), microbiologiei medicale veterinare (3), biotehnologiilor medicale veterinare (1), istoriografiei medicale (1):

1. **Bărăitoreanu S.** „Boli infecțioase și medicină preventivă. Îndrumar de lucrări practice”, Ed. Elisavaros, București, 2015, 200 pagini, 1 autor, (ISBN 978-606-8147-63-5).
2. Popp M.C., **Bărăitoreanu S.** „Istoria Medicinii Veterinare”. Volumul 1. Ed. Elisavaros, București, 2015, 250 pagini, 2 autori, (ISBN 978-606-8147-61-1).
3. **Bărăitoreanu S.** „Nucleic acid based assays for rapid detection of emerging and reemerging foodborne pathogens in food industry”. A.Mendez-Vilas (Ed.) In: Microbial pathogens and strategies for combating them: science, technology and education Vol.1. FORMATEX Microbiology Book Series #4. Formatex Research Center, Badajoz, Spain, 2013, pp: 608-619, 12 pagini, 1 autor (ISBN 978-84-939843-9-7).
4. Bogdan A.T., Ivana S., Pîrvu C. D., Predoi G., **Bărăitoreanu S.**, Ipate I., Iordache P. Z., Popescu A. N., Purdoiu L. „Leptospirosis and pasteurellosis: an occupational health hazard for pet owners and a public health issue for urban communities”. Editura Asclepius, București, 2012, 189 pagini, 9 autori, (ISBN 978-606-8236-25-4).
5. Ivana S, Mencinicopschi G, **Baraitareanu S.** „Biotehnologii Alimentare Vol. I”, Coordonatori AT Bogdan, Gh. Mencinicopschi, S. Ivana, Gh. Campeanu. Ed. Asclepius București, 2010, 290 pagini, 3 autori, (ISBN 978-606-92360-2-4).
6. Ivana S, Enache T., **Baraitareanu S.**, Ipate I, Popescu A. „Microbiologia Alimentelor Vol. I”, Coordonatori AT Bogdan, S. Ivana, I. Togoe, Gh. Campeanu. Ed. Asclepius București, 2010, 294 pagini, 5 autori, (ISBN 978-606-92360-0-0).
7. Ivana S, Enache T., **Baraitareanu S.**, Ipate I, Popescu A. „Microbiologia Alimentelor Vol. II”, Coordonatori AT Bogdan, S. Ivana, I. Togoe, Gh. Campeanu. Ed. Asclepius București, 2010, 270 pagini, 5 autori, (ISBN 978-606-92360-0-0).
8. Ivana S, Enache T., **Baraitareanu S.**, Ipate I, Popescu A. „Microbiologia Alimentelor Vol. III”, Coordonatori AT Bogdan, S. Ivana, I. Togoe, Gh. Campeanu. Ed. Asclepius București, 2010, 278 pagini, 5 autori, (ISBN 978-606-92360-1-7).
9. **Baraitareanu S.** „Manualul Bolilor infecțioase ale animalelor. Vol. 4 Infecții retrovirale feline” - Coordonatori N. Starciuc, D. Danes, Ed. Asclepius, București, 2010, 88 pagini, 1 autor, (ISBN 978-606-8236-14-8).
10. Danes D, Danes M, **Baraitareanu S.** „Manualul Bolilor infecțioase ale animalelor Vol. 1- Viroze majore ale animalelor” - Coordonatori N. Starciuc, D. Danes, Ed. Asclepius, București. 2010, 127 pagini, 3 autori, (ISBN 978-606-8236-11-7)
11. Danes D, Danes M, **Baraitareanu S.** „Manualul Bolilor infecțioase ale animalelor Vol. 3 - Boli infecțioase majore ale porcilor și pasărilor” - Coordonatori N. Starciuc, D. Danes, Ed. Asclepius, București. 2010, 140 pagini, 3 autori, (ISBN 978-606-8236-13-1).
12. Danes D, Danes M, **Baraitareanu S.** „Boli infecțioase transfrontaliere”. Coordonator. Danes D. Ed. All, București. 2005, 256 pagini, 3 autori, (ISBN 975-571-625-9).

Rezultatele cercetărilor și studiilor efectuate în cadrul proiectelor cu sau fără finanțare de la bugetul de stat, s-au concretizat în elaborarea și susținerea/publicarea de lucrări științifice la manifestări științifice naționale și internaționale, în volume ale unor manifestări științifice naționale și internaționale, în reviste indexate ISI, reviste indexate BDI și reviste naționale de specialitate. Rezultatele cercetărilor personale au fost diseminate și prin prelegeri invitate în cadrul diferitelor proiecte educaționale și de formare continuă, organizate de asociații profesionale medicale veterinare (AGMVR și AMVAC).

Lucrări științifice publicate în reviste indexate ISI – Thomson Reuters

1. Supeanu TD, Supeanu A, Cobzariu D, **Bărăitoreanu S**, Danes D, ”Clinical and paraclinical peculiarities of effusive feline infectious peritonitis under non-specific IgY treatment: case study”, AgroLife Scientific Journal, 2017, 6 (1), 257-261.
http://agrolifejournal.usamv.ro/pdf/vol.VI_1/Art36.pdf
2. Elena Awwada, Kamel Adwan, Mohammed Farraj, Tamer Essawi, Issa Rumi, Assad Manasra, **Stelian Baraitareanu**, Maria Rodica Gurau, Doina Danes, ”Cell Envelope Virulence Genes among Field Strains of *Brucella melitensis* Isolated in West Bank Part of Palestine”, Agriculture and Agricultural Science Procedia 6 (2015) 281 – 286.
http://ac.els-cdn.com/S2210784315002065/1-s2.0-S2210784315002065-main.pdf?_tid=5b1c5d50-970f-11e7-a850-00000aabb0f6c&acdnat=1505147966_2adf1c28ff05372e599cf1d8b33f5eb6
3. **Stelian Bărăitoreanu**, Maria Rodica Oțelea, Mihaela Zăuleț, Kurt Schneider, Mihai Turcitu, Leonadro Leonardi, Doina Danes, “Comparison of the ovine prion protein genotype profiles of Tigae with Black Head breed with Merino breed”, Turkish Journal of Veterinary and Animal Sciences, 2013, vol 37, pp 625-630.
<http://journals.tubitak.gov.tr/veterinary/issues/vet-13-37-6/vet-37-6-2-1302-50.pdf>
4. Mihaela Zăuleț, Nicolae Iuliana, Andreea Toana, **Stelian Bărăitoreanu**, Maria Rodica Oțelea, Stadjek Tomasz, “Genetic characterization of Romanian Porcine Reproductive and Respiratory Syndrome Viruses based on ORF7 nucleoprotein gene sequences”, Romanian Biotechnological Letters, 2011, Vol. 16, Issue 6, pp. 6800-6808.
<http://www.rombio.eu/rbl6vol16/15%20Zaulet%20Mihaela.pdf>

5. **Bărăitoreanu Stelian**, Simona Ivana, Mihaela Zăuleț, Maria Rodica Oțelea, Elena Rotaru, Ipate Judith, Doina Daneș, "Molecular epidemiology investigations in 8 Romanian outbreaks of rabbit Pasteurellosis by pulsed-field gel electrophoresis", Romanian Biotechnological Letters, 2011, Vol. 16, Issue 1, pp. 5841-5849.
<http://www.rombio.eu/rbl1vol16/2%20Baraitoreanu.pdf>
6. Maria Rodica Oțelea, Mihaela Zăuleț, Dudu Andreea, Fănel Oțelea, **Stelian Bărăitoreanu**, Doina Daneș, "The scrapie genetic susceptibility of some sheep breeds in southeast Romanian area and genotype profiles of sheep scrapie infected", Romanian Biotechnological Letters, 2011, Vol. 16, Issue 4, pp. 6419-6429.
<http://www.rombio.eu/rbl4vol16/19%20Otelea%20Rodica.pdf>
7. Simona Ivana, Alexandru T. Bogdan, Ipate Judith, Laurențiu Tudor, **Stelian Baraitoreanu**, Andrei Tanase, Alexandru Popescu, Dana M. Caplan, Mihai Daneș. „Food safety and botulinum toxin”. Romanian Biotechnological Letters, 2009, vol 14, issue 3, pp. 4392-4396.
<http://www.rombio.eu/rbl3vol14/cnt/lucr5.pdf>
8. Simona Ivana, Alexandru T. Bogdan, Ipate Judith, Laurențiu Tudor, **Stelian Baraitoreanu**, Andrei Tanase, Alexandru Popescu, Dana M. Caplan, Mihai Daneș. „Food microbial contamination - the main danger in the catering type food industry in Romania”. Romanian Biotechnological Letters, 2009, vol 14, issue 2, pp. 4260-4266.
<http://www.rombio.eu/rbl2vol14/cnt/Lucr-7.pdf>

Lucrări reprezentative prezentate la Conferințe internaționale cotate ISI (ISI-proceedings)

1. Georgeta Stefan, **Stelian Baraitoreanu**, Dragos Cobzariu, Mihaela Cristiana Popp, Marius Valer Campeanu, Doina Danes, "Evaluation of milk hygienic quality in milk processing plant: Parameters of the mammary gland's health and milking instruments' hygiene", European Biotechnology Congress 2017, Dubrovnik, Croatia.
<http://www.sciencedirect.com/science/article/pii/S0168165617313214>
2. Vladimirescu A., Dumitrescu G., Ionescu L., Neculescu M., Moraru V., Popescu D., Bicheru S., Daneș D., **Baraitoreanu S.**, Ciulacu-Purcarea V., Nicolescu G., "Real-Time PCR studies regarding the *Borrelia burgdorferi*, *Francisella tularensis*, Tick borne encephalitis virus (TBEv) and Crimean Congo hemorrhagic fever virus (CCHFv) occurrence in the Romanian ticks". 17th International Congress on Infectious Diseases. International Journal of Infectious Diseases, 2016, 45, 193-194.
<http://www.sciencedirect.com/science/article/pii/S1201971216304271>
[http://www.ijidonline.com/article/S1201-9712\(16\)30427-1/pdf](http://www.ijidonline.com/article/S1201-9712(16)30427-1/pdf)
3. Marius Andrei Manescu, **Stelian Baraitoreanu**, Gurau Rodica Maria, Doina Daneș, "Schmallenberg-Simbu group viruses' circulation in Romanian's livestock from South-West Oltenia Region", European Biotechnology Congress 2016. Riga, Latvia, Journal of Biotechnology, Numărul 231, Pagini S88.
<http://www.sciencedirect.com/science/article/pii/S0168165616305752>
4. **Stelian Baraitoreanu**, Doina Daneș, Maria Rodica Gurau, Gabriela Victoria Dumitrescu, Marius Alexandru Ciocanau, Lucia Elena Ionescu, Alexandru Filip Vladimirescu. „Options for the Active Surveillance of Tick-borne Encephalitis Virus in Farm Animals and Wildlife: A Critical Review”. European Biotechnology Congress 2015. Bucharest, Romania.
<http://www.sciencedirect.com/science/article/pii/S0168165615005179?via%3Dihub>
5. Doina Daneș, **Stelian Baraitoreanu**, „Lyme Borreliosis options of diagnostic by polymerase chain reaction in livestock”, European Biotechnology Congress 2015, Bucharest, Romania,
<http://www.sciencedirect.com/science/article/pii/S0168165615005180?via%3Dihub>
6. Gabriela Victoria Dumitrescu, Diana Mihaela Popescu, Marius Necșulescu, Lucia Elena Ionescu, Maria Rodica Gurău, Viorel Ordeanu, Valeria Purcărea Ciulacu, Gabriela Nicolescu, Doina Daneș, **Stelian Bărăitoreanu**, Alexandra Radu, Alexandru Vladimirescu. "Research regarding the viability and microbiological characterisation of lyophilized strains of *Francisella tularensis*", European Biotechnology Congress 2015, Bucharest, Romania,
<http://www.sciencedirect.com/science/article/pii/S0168165615005581?via%3Dihub>
7. Marius Alexandru Ciocanau, **Stelian Baraitoreanu**, Maria Rodica Gurau, Doina Daneș, Alexandru Filip Vladimirescu, Marius Vlaicu. „Correlations between local bat population (*Ord. Chiroptera*) and *Borrelia* spp infections in humans throughout Romania”. European Biotechnology Congress 2015, Bucharest, Romania.
<http://www.sciencedirect.com/science/article/pii/S0168165615005192?via%3Dihub>
8. Elena Daiana Dumitru, **Stelian Baraitoreanu**, Alin Ion Bartoiu. „Melatonin and Immune Response: Therapeutic Opportunities”. ‘European Biotechnology Congress 2015’, Bucharest, Romania.
<http://www.sciencedirect.com/science/article/pii/S0168165615005209?via%3Dihub>
9. Maria Rodica Gurau, Mihaela Cristiana Popp, Georgeta Stefan, Stelian Baraitoreanu, Mihai Daneș. "Genetic profile of two south-east Romanian scrapie outbreaks in 2013". ‘European Biotechnology Congress 2015’, Bucharest, Romania.
<http://www.sciencedirect.com/science/article/pii/S0168165615005210?via%3Dihub>
10. Dragos Cobzariu, **Stelian Baraitoreanu**, Leonardo Leonardi, Doina Daneș. „Feline Infectious Peritonitis Intra Vitam Diagnosis: Approach and Methods”. ‘European Biotechnology Congress 2015’, Bucharest, Romania.
<http://www.sciencedirect.com/science/article/pii/S0168165615005222?via%3Dihub>
11. Georgeta Stefan, **Stelian Baraitoreanu**, Maria Rodica Gurau, Doina Daneș. "Studies concerning *Listeria monocytogenes* control in ready-to-eat foods". ‘European Biotechnology Congress 2015’, Bucharest, Romania.

<http://www.sciencedirect.com/science/article/pii/S0168165615005234?via%3Dihub>

12. Elena Awwad, Kamel Adwan, Mohammed Farraj, Tamer Essawi, Issa Rumi, Assad Manasra, **Stelian Băraîtăreanu**, Maria Rodica Gurau, Doina Danes. „*Molecular basis of cell envelope virulence genes among field strain of Brucella melitensis isolated in West Bank part of Palestine*”. European Biotechnology Congress 2015, Bucharest, Romania, <http://www.sciencedirect.com/science/article/pii/S016816561500303X?via%3Dihub>
13. Marius Dan, **Stelian Baraitareanu**, Alexandru Filip Vladimirescu, Doina Danes. „Rabbit Haemorrhagic Disease Virus Strains Isolated in Romania”. ‘European Biotechnology Congress 2015’, Bucharest, Romania. <http://www.sciencedirect.com/science/article/pii/S0168165615005246?via%3Dihub>

Lucrări publicate în reviste de specialitate indexate în baze de date internaționale (BDI) specifice domeniului (după anul 2008)

1. Elena Awwad, **Stelian Baraitareanu**, Maria Rodica Gurau, Mohammad Faraj, Tamer Essawi, Kamel Adwan, Doina Danes. „*Epidemiologic approaches of brucellosis through phylogenetic analysis pattern in Palestine*”, Agriculture & Food, Journal of International Scientific Publications, 2016, Volum 4, Pagini 267- 275, ISSN 1314-8591. <https://www.scientific-publications.net/get/1000020/1465221635562081.pdf>
2. Dan Alexandru Enache, **Stelian Baraitareanu**, Doina Danes, „*The incidence of SRLVS infection in European countries over the 10 year period, 2006 to 2015 [2016]*” Agriculture & Food, Journal of International Scientific Publications, 2016, Volum 4, Pagini 518-529, ISSN 1314-8591. <https://www.scientific-publications.net/get/1000020/1465222626264241.pdf>
3. Teodora Diana Supeanu, Alexandru Supeanu, Dragos Cobzariu, **Stelian Baraitareanu**, Doina Danes, „*Preliminary results of nonspecific IgY therapy in cats with FIV: dynamics of WBC and serum proteins electrophoresis*”, Agriculture & Food, Journal of International Scientific Publications, 2016, Volum 4, Pagini 302-318, ISSN 1314-8591. <https://www.scientific-publications.net/get/1000020/1465221801700148.pdf>
4. Danes M, Popa V, Ene G, Caplan EM, Culcescu M, Botus D, Dobrinescu A, Militaru D, **Baraitareanu S**, Otelea MR, Danes D, „*Abortions in sheep caused by the association of Toxoplasma gondii, Chlamydophila abortus and Campylobacter spp. case study*”, Lucrari Stiintifice-Universitatea de Stiinte Agricole a Banatului Timisoara, Medicina Veterinara, 2016, Volumul 49, Numărul 3, Pagini 33-41. ISSN : 1221-5295 <https://www.cabdirect.org/cabdirect/FullTextPDF/2016/20163322220.pdf>
5. Maria Rodica GURAU, **Stelian BARAITAREANU**, Marius Andrei MANESCU, Mihaela Cristiana POPP, Doina DANES, „*Studies concerning the optimisation of reverse transcription polymerase chain reaction technique of pan-Simbu virus group*”, Scientific Bulletin. Series F. Biotechnologies, 2016, Volumul 20, Pagini 329-332, ISSN 2285-1364 <http://biotechnologyjournal.usamv.ro/pdf/2016/Art53.pdf>
6. Doina DANES, Dan ENACHE, Dragos COBZARIU, **Stelian BARAITAREANU**, „*Etio-pathogenesis of small ruminant Lentivirus infections: a critical review*”, Scientific Works. Series C. Veterinary Medicine, 2016, Volumul 62, Numărul 1, Pagini 59-64, ISSN 2065-1295. http://veterinarymedicinejournal.usamv.ro/pdf/2016/issue_1/Art10.pdf
7. Elena AWWAD, Mohammad FARRAJ, Tamer ESSAWI, Israr SABRI, Kamel ADWAN, Issa RUMI, Assad MANASRA, **Stelian BARAITAREANU**, Maria Rodica GURAU, Doina DANES, „*Validation of RT-qPCR technique for detection of Brucella genome in milk sheep and goat in West Bank Part of Palestine*”, Scientific Bulletin. Series F. Biotechnologies, Volumul 20, Pagini 321-328, ISSN 2285-1364. <http://biotechnologyjournal.usamv.ro/pdf/2016/Art52.pdf>
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Proiecte de cercetare reprezentative:

7 granturi:

- 3 Granturi/burse internaționale: toate granturile au fost câștigate prin competiție ca aplicant;
- 4 proiecte de cercetare naționale din care unul ca responsabil proiect:

1. **Responsabil** USAMV București în PN II – nr. 295 /2014 Kit multiplex REAL TIME PCR pentru detecția și

identificarea unor agenți virali (FHCCv și TBEv) și bacterieni (*Francisella tularensis* și *Borrelia burgdorferi* s.l.) transmiși de căpușe. (2014-2016);

2. Membru în echipa de cercetare a USAMV-FMV în **PN II – nr. 61-34 / 14.09.2007** „Cercetari inovative privind profilaxia și combaterea zoonozelor bacteriene, agenți ai pasteurelozei și leptospirozei la animalele de companie și om în vederea realizării unor scheme eficiente de tratament” (2007-2010) (director proiect Conf.univ. Dr. Simona Ivana);

3. Membru în echipa de cercetare a USAMV-FMV în **CEEX – nr.17/2005** „Elemente cheie în strategia de control a virozelor respiratorii la suine prin identificarea diferențelor etiopatogenetice asociate patotipurilor virale circulante în România” (2005-2007) (responsabil proiect Prof.univ.Dr. Doina Danes);

4. Membru în echipa de cercetare a USAMV-FMV în **CNCSIS 846/ 2004-2005** “Investigation of antiviral and immune modulation proprieties of lectines isolated from potatoes” (2004-2005) (director proiect Prof.univ. Dr. Aneta Pop);

5. Aplicant **ECOST-STSM-FA0902-060611-008024** „Training in PRRS virus isolation techniques for the Romanian PRRSV strains study” (06 June 2011 - 28 August 2011) (<http://europrsv.net/stsms/>);

6. Aplicant **ECOST-TRAINING_SCHOOL-FA0902-140911-010286** „Training School in PRRSVS diagnostics” (14.09.2011 - 16.09.2011);

7. Aplicant Bursa la University of Delaware și Delaware Technical Community College în cadrul proiectului “Technical Assistance, Training and Capacity Building in Response to Avian Influenza in Romania” **Agreement #58-3148-6-153** (August 16, 2006 - August 31,2007), finanțată de SUA prin USDA și USAID (03Martie - 31 Mai, 2007) (<http://ag.udel.edu/abc/romania.html>).

Brevete de invenție și inovatie:

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