

**Europass
Curriculum Vitae**



Personal information

First name(s) / Surname(s) **TRIPON, Septimiu, Cassian**
Address(es) street Castanilor, nr. 4, postcode: 400341, Cluj Napoca, Romania
Telephone(s) Mobile: + 40 756105521
Fax(es) -
E-mail tripon_septimiu@yahoo.com
Nationality Romanian
Date of birth 15.10.1978
Gender Male

Occupational field Electron microscopy technician

Work experience

Dates February 2008 - present
Occupation or position held Electron microscopy technician
Main activities and responsibilities electronic microscopy techniques, optical microscopy, image processing
Name and address of employer Babes – Bolyai University, Cluj Napoca, Kogalniceanu street, nr. 1, website: <http://www.ubbcluj.ro>
Type of business or sector higher education and research

Education and training

Dates **2005 - 2008**
Title of qualification awarded Licensed diploma
Principal subjects/occupational skills covered Biochemistry, parasitology, compared anatomy, animal physiology, microbiology, cytology
Name and type of organisation providing education and training University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Faculty of Veterinary Medicine
Level in national or international classification Engineer in veterinary biotechnology
Dates **2001 - 2005**
Title of qualification awarded Graduation diploma
Principal subjects/occupational skills covered Veterinary pharmacy

Name and type of organisation providing education and training: University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca; College of Veterinary Clinic and Pharmacy

Level in national or international classification: Assistant, Veterinary Clinic and pharmacy.

Mother tongue(s): Romanian

	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	very well	well	well	well	well
French	Basic user	Basic user	Basic user	Basic user	Basic user

Social skills and competences: Good communication abilities, increased attention and flexibility in thinking and actions

Organisational skills and competences: Good organizer with a professional spirit developed in the work of education and research

Technical skills and competences: The organisation of proper testing, ability to run more tasks, proper coordination of the processing of biological samples

Computer skills and competences: Proper training in the use of Microsoft Windows, Microsoft Office, Photoshop, Image Pro Plus, Soft Imaging Viewer, image processing, internet

Artistic skills and competences: drawing, painting, sculpture.

Driving licence: Romanian drivers licence, Category B vehicle

Additional information

Contests, workshops and diploma:

2006 – 2007 – Diploma of merit for outstanding results from learning and involvement in the activity of scientific research, the USAMV, Cluj Napoca.
 2007 – 3rd Prize, Scientific Student Papers session, section: Fundamental and Pre-clinical Sciences, University of Agricultural Science and veterinary medicine.
 2008 - Annual session of Cellular Biology, Cluj Napoca.
 2009 - Annual Session of the Roman Society of Cellular Biology, Bistrita.
 2010 – The National Session of the Society of Cellular Biology, Constanta.

Publications and articles:

2006 – Cernea M., **Tripson S.**, Criteria for choosing a veterinary practice in pet owners, Buletin USAMV, Cluj Napoca, pp. 45-48 nr. 63/2006

2008 – Ognean L., Cernea Cristina, Cernea M., **Tripson S.**, The evaluation of comparative bioavailability of two anthelmintics based on fenbendazole, Praziquantel and Pyrantel pamoate, Clujul Medical Veterinar, pp. 26-27, nr. 14/2008

2008 – Ognean L., Moldovan Meda, Cristina Cernea, Cernea M., **Tripion S.**, Blood transfusion compatibility test in dog and other pets, pp. 118-122, Annals of RSCB, vol. XIV, issue 2, 2008.

2009 – Gabriela Dogaru, Craciun C., Toader S., **Tripion S.**, Pop L., Structural and ultrastructural changes in the adrenal glands of rats undergoing pulsed short wave treatment, pp. 80-86, Annals of RSCB, vol. XIV, issue 2, 2009.

2009 - Corneanu C. Gabriel, Crăciun Constantin, **Tripion Septimiu**; The structural features of the *Bobinia Pseudoacacica* var. *Oltenica* leaves, cultivated on degraded soils (sterile waste drums). Annales of Craiova University, Agriculture, Montanologie, Cadastre, vol. XXXIX, 2009

2010 – Barbu-Tudoran L., Parvu M., Vlase L., **Tripion S.**, Rosca Casian O., Puscas M., Modificari ultrastructurale in hife de *Fusarium Oxysporum F.Sp.*, *Tulipae* tratate cu extract vegetal de *Allium Fistulosum*, Buletinul Societatii Romane de Biologie Celulara, vol. 38, sesiunea stiintifica, Constanta, 2010.

2010 – Corneanu G., Craciun C., Corneanu Mihaela, **Tripion S.**, Lazau Carmen, Grozescu Ioan, Interactiunea celulei eucariote animale cu nanoparticule TiO₂ dopate sau nu cu diferite metale, Buletinul Societatii Romane de Biologie Celulara, vol. 38, sesiunea stiintifica, Constanta, 2010.

2010 – Corneanu G., Craciun C., Corneanu Mihaela, **Tripion S.**, Efectul radionuclizilor si/sau metalelor grele la nivel structural si ultrastructural, Buletinul Societatii Romane de Biologie Celulara, vol. 38, sesiunea stiintifica, Constanta, 2010.

2010 – Parvu M., Barbu-Tudoran L., Rosca Casian Oana, Vlase L., **Tripion S.**, Ultrastructural changes in *Fusarium Oxysporum F. Sp. Tulipae* hyphae teated *in vitro* with *Allium Fistulosum* plant extract, pp. 65-72, Annal RSCB, vol. XV, issue 2, 2010.

2011 – Alina Elena Parvu, C. Craciun, **S. Tripion**, S.F. Alb, M.A. Taulescu, Simona Clichici, Alexandra Craciun; Mechanical therapy effect in chronic periodontitis; pp. 154 – 159; Annal RSCB, vol. XVI, issue 1, 2011.

2011 – Alina Elena Parvu, C. Craciun, **S. Tripion**, S.F. Alb, M. A. Taulescu, Simona Clichici, Alexandra Craciun; Histopathological and ultrastructural investigation of gingival tissue from patients with chronic periodontitis; pp. 186 - 193; Annal RSCB, vol. XVI, issue 1, 2011.

2011 – Liliana Jarda, Victoria Cristea, C. Craciun, **S. Tripion**; Comparative study of *Dianthus Giganteus* subsp. *Banaticus* leaves anatomy in different growing conditions I. Light microscopy aspects; pp. 331 - 337; Annal RSCB, vol. XVI, issue 1, 2011.

2011 - Liliana Jarda, Victoria Cristea, C. Craciun, **S. Tripion**; Comparative study of *Dianthus Giganteus* subsp. *Banaticus* leaves anatomy in different growing conditions II. Ultrastructural aspects; pp. 338 - 348 ; Annal RSCB, vol. XVI, issue 1, 2011.

2011 – Ramona Maria Maxim, Marius Costel Alupei, **Septimiu Tripion**, Manuela Banciu; Evalaution of the inhibitory effects of statins on blood vessel development – prospects for antiangiogenic therap of cancer. Studia Universitas Babeş – Bolyai, Biologica 2/2011 (LVI) 2011

2012 – Carla Brigita Lukaci, Camelia Munteanu, Mihaela Crişan, Ionuţ Uţiu, Alina Filip, Constantin Crăciun, **Tripion Septimiu**, Corina Roşioru, Camelia Lang; Unexpected changes caused by Red Bull mixed with alcohol on central nervous system. Bulletin of Romanian Society for Cell Biology, no. 40,, June 2012. The 4 th International Congres and the 30 th annual scientific session of RSCB, June 13 – 17, 2012, Satu Mare – Debrecen.

2012 - Camelia Munteanu, Carla Lukaci, Ioan Uţiu, Mihaela Crisan, Alina Filip, Constantin Crăciun, **Septimiu Tripion**, Corina Rosioru, Camelia Lang; Biochemical and ultrastructural effects of Red Bull consumption on central nervous system. Bulletin of Romanian Society for Cell Biology, no. 40,, June 2012. The 4 th International Congres and the 30 th annual scientific session of RSCB, June 13 – 17, 2012, Satu Mare – Debrecen.

2012 – Tiberiu Szoke – Nagy, George Pribac, **Septimiu Tripion**, Constantin Crăciun, Corina Roşioru; Ultrastructural modifications in the liver of streptozotocin – induced diabetic rats. . Bulletin of Romanian Society for Cell Biology, no. 40,, June 2012. The 4 th International Congres and the 30 th annual scientific session of RSCB, June 13 – 17, 2012, Satu Mare – Debrecen

2012 – Maria Trif, Alina Filip, Constantin Crăciun, Camelia Munteanu, Ioan Uțiu, Tiberiu Szoke – Nagy, Carla Lukaci, **Septimu Tripon**, Corina Roșioru; Biological activities of furil – benzothiazole (R) and (S) enantiomers and racemic in the liver of ethanol – intoxicated rats. . Bulletin of Romanian Society for Cell Biology, no. 40,, June 2012. The 4 th International Congress and the 30 th annual scientific session of RSCB, June 13 – 17, 2012, Satu Mare – Debrecen.

2012 - G.C. Corneanu, C. Crăciun, M. Corneanu, C. Lazău, I. Grozescu, **S. Tripon**; The Eukaryote cell interaction with doped TiO₂ nanoparticles. Nanomaterials and nanostructures for various applications, edit. Academiei Române, vol. 19/2012, pp. 173 – 192.

2013 – Mihaela Corneanu, Gabriel C. Corneanu, Constantin Crăciun, **Septimiu Tripon**; Phytoremediatory activity of *Pyrus pyraeaster* species. Bulletin of Romanian Society for Cell Biology, no. 41,, June 2013. The 5 th International Congress and the 31 th annual scientific session of RSCB, June 5 – 9, 2013, Timișoara

Research grants:

- Nanostructures and noble metal nanoparticles with plasmonic multifunctional properties relevant for applications in nanofotonica, biodetection and laser spectroscopy-NANOBIOSPEC. Grant No. CEEEX 71V/2006, 2006-2008, 500 billions Ron., a partner at the UBB's Faculty of Physics (Prof. Dr. Astilean Simion) – membership grant (partner).
 - Contributions to and use of certain materials characterisation of nano-structured, the direct electrochemical degradation or/and fotoasistata of contaminant-NANELPOL. Grant No. CEEEX 68V/2006, 2006-2008, 1, 5 billion ron, a partner at the Faculty of Chemistry of the UBB (Associate Prof. Dr. Jitaru Maria). – membership grant (partner).
 - Magnetic Nanoparticles "core shell structure coated with metal and polymer conductors – synthesis, characterization and applications-NANOMAGMETNOB. Grant No. CEEEX 59V/2006, 2006-2008, worth 1.5 billion ron, signed with INCDTIM, Cluj Napoca - membership grant (partner).
 - Network Computing Platform for the integration of Romania in the European NANOElectronica (ENIAC),-RTN-NANOEL. Grant No. CEEEX 75/2006, 2006-2008, worth 500 billion ron, signed with the IMT. - membership grant (partner)
 - Getting some whole plant extracts with high bioavailability and fractionate and potential adjuvantare for species of animal production-ADEXPLANT. Grant No. CEEEX 99/2006, 2006-2008, 5,360 billion ron, worth finished with USAMV Cluj-Napoca - membership grant (partner).
 - Setting action and the effects of stresprotectoare and/or imunostimulatoare of new biological active material-IMMUNO-NANOMAT-Electrochemistry and INCD, Subject for capacitors, Timisoara, 80,000 ron, the period 2007–2011 - membership grant PNII (partner) nr 70/2007.
- Biocompatible nano systems based on magnetic nanoparticles and polymers in response to external stimuli – NANOMAGPOLI – INCD for Isotopic and Molecular Technologies, Cluj-Napoca, 120,000 ron, the period 2007–2011. - membership grant No. PNII 71-068/2007.
- Configuration of ferromagnets and ordered nanoparticles – ODonANOMAG-supermagnetice, INCDTIM Cluj-Napoca, 120,000 ron, period 2007-2010. – membership grant PN II nr. 71-119V/2007 (partner)
 - Micro and nano-structured materials oxidice with controlled chromatic luminescenta for lighting-MAMINAL-Inst. Research Chemical "Raluca Ripan", Cluj-Napoca, 100,000 ron, period 2007-2010 – membership grant PN II nr. 71-122V/2007 (partner).
 - Assessment of the effects of pollution and climate change on biodiversity and socio-economic well-being of the population in the middle basin of the JIU Valley – POLMEDJIU – University of Craiova, 120,000 ron, the period 2008-2011 – membership grant No. PNII 32-150V/2008 (partner).
 - Hepatoprotector nanoparticles with increased bioavailability -Nano-HEPAT-University "Vasile Goldis" Arad, 80,000 ron, the period 2008-2011- membership grant No. PNII 62-072V/2008 (partner)
 - Electrocataliza reactions to a major pollutant, CO₂, useful in organic matter: the fundamental and applicative contributions – CO₂ –, ELCAT-associate Jitaru, Maria, 30,000 ron, Chemistry – membership grant No. PNII 32-114/2008 (partner).
 - Markers of oxidative stress, nitrozativ and nitrativ diagnose and forecast value in parodontite and periimplantite, 15,000 ron - partner grant ideas , member.