

**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	
<b>English</b>	very well	well	well	well	well
<b>French</b>	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 Wiewer, 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 biodisponibility of two antihelmintics based on fenbendazol, Praziquantel and Pyrantel pamoat, 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 TiO<sub>2</sub> 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 TiO<sub>2</sub> 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, CO<sub>2</sub>, useful in organic matter: the fundamental and applicative contributions – CO<sub>2</sub> –, 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.