



Europass Curriculum Vitae

Personal information

Surname(s) / First name(s) **Anghel, Simona Sanda**
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E-mail simoanghel@yahoo.com
Nationality Romanian
Date of birth 03.08.1967
Gender Female

Work experience

Dates	2009 - present
Occupation or position held	Biologist specialized in Clinical Immunology
Main activities and responsibilities	Research in Immunology
Name and address of employer	Victor Babes University of Medicine and Pharmacy Timisoara, Romania Department of Physiology and Immunology
Type of business or sector	Higher education
Dates	2005 - 2009, 1993-1996
Occupation or position held	Biologist
Main activities and responsibilities	Research activities
Name and address of employer	Victor Babes University of Medicine and Pharmacy Timisoara, Romania Department of Physiology and Immunology
Type of business or sector	Higher education
Dates	2004 - 2010
Occupation or position held	PhD student in Medical Sciences
Main activities and responsibilities	Research of stem cells plasticity
Name and address of employer	Victor Babes University of Medicine and Pharmacy Timisoara, Romania Department of Physiology and Immunology
Type of business or sector	Higher education
Dates	2009 - present
Occupation or position held	Biologist specialized in Clinical Immunology – research assistant
Main activities and responsibilities	Research in Immunology
Name and address of employer	Emergency Clinical County Hospital Timisoara, Regional Transplant Immunology Center Timisoara
Type of business or sector	Research
Dates	2005-2009
Occupation or position held	Biologist, research assistant
Main activities and responsibilities	Research in Immunology
Name and address of employer	Emergency Clinical County Hospital Timisoara, Regional Transplant Immunology Center Timisoara
Type of business or sector	Research

Education and training

Dates 2009
 Title of qualification awarded Biologist specialized in Clinical Immunology
 Principal subjects/occupational skills covered Immunology
 Name and type of organisation providing education and training University of Timisoara, Romania

Dates 1987-1992
 Title of qualification awarded Biologist
 Principal subjects/occupational skills covered Biology
 Name and type of organisation providing education and training University of Bucharest, Faculty of Biology

Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment

European level (*)

English

Italian

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user

(*) Common European Framework of Reference for Languages

Training courses (selected)

- 30 June - 02 July 2008; Training within European program "Cultivated Adult Stem Cells as Alternative for Damaged tissue"-CASCADE FP7-223236, Etablissement Français du Sang Pyrénées-Méditerranée, Laboratoire de therapie cellulaire, Toulouse, France;
- 4-17 June 2007; Postgraduate training on implementation of European quality system for tissue banking in Romania, Leonardo da Vinci Mobilities Project, Istituti Ortopedici Rizzoli di Bologna, Department "Banca del Tessuto Muscoloscheletrico", Bologna, Italy;
- May 2007; Current Advances in Cell Biology: Molecular biology techniques-identification of receptor mRNA in primary cells using RNA isolation, transcription and PCR amplification; Tissue culture techniques-culturing human epithelial cells; Laboratory health and safety; Post-graduate course in cellular and molecular biology, University of Agricultural Sciences of Banat, Timisoara, Romania;
- 17-19 May 2007; Modern investigations of clinic biochemistry and molecular biology in clinical laboratory; Postgraduate course in clinical biochemistry and molecular biology, "Victor Babes" University of Medicine and Pharamacy Timisoara, Romania;
- 5-10 March 2012; Regenerative medicine using cellular transplantation; Specialisation training in stem cells clinical applications POSDRU/81/3.2/S/59616; "Victor Babes" University of Medicine and Pharamacy Timisoara, Romania;
- 10-11 May 2012; Advanced cellular therapies: from GMP culture to in vivo imaging studies; workshop of cellular therapies; "Victor Babes" University of Medicine and Pharamacy Timisoara, Romania;

Social skills and competences

- Team spirit, good communication skills
- Good ability to adapt to multicultural environments, gained through the training stages and visits abroad

Personal focus. Technical skills and competences

Excellent skills in different laboratory techniques involving stem cell plasticity studies

Computer skills/competences

Good command of Microsoft Office™ tools

Additional information

MEMBERSHIP OF PROFESSIONAL ORGANISATIONS:

- Romanian Society of Physiological Sciences
- Romanian Society of Immunology
- Biochemists, biologists and chemists organization of Romanian Health System

Annexes

- **Annex 1**, List of research projects
- **Annex 2**, List of main papers published in the last five years

Annex 1 – THE LIST OF RESEARCH PROJECTS

Project / Program	Position held	Period
Translating stem cell technologies to the conservation of highly endangered species, PNII-Parteneriate, No.120/2012	Team member	2012-2015
Tumor-associated fibroblasts as novel target in anti-tumor therapy – identification of origin, role and characteristic molecular markers, PNII-IDEI UEFISCDI No. 318/2011	Team member	2012-2014
Molecular and cellular mechanisms involved in differentiation of mesenchymal stem cells towards the epithelial lineage, II National Research and Development Plan (PN II), IDEI-No. 198/2007	Team member	2007-2010
Optimizing the prevention methods for allergic patient management efficiency, (PREVALERG), II National Research and Development Plan (PN II) / Partnerships Module No. 41-011/2007	Team member	2007-2009
Reconstruction of bone segmentary defects through biomimetic matrices colonised with osteogenic cells (RECON-OS), PN II / Partnerships Module No. 41-091/2007	Team member	2007-2009
Genetic engineering of tumour stem cells for immunomodulation in cancers of non-viral origin, (ONCOSTEM), PN II / Partnerships Module No. 41-019/2007	Team member	2007-2009
Novel therapeutic alternatives of immunosenescence and precocious senescence (AGEing) PN II / Partnerships Module No. 41-057/2007	Team member	2007-2010
Lymphocytic cellular therapies developed in vitro – concept of modern approach for induction of immunologic tolerance in organ transplantation (LYMPHOTERA) PN II / Partnerships Module No. 41-027/2007	Team member	2007-2010
Development of phytopharmaceutic product targeting adjuvant therapy and prevention of breast cancer (FITOMEDAS) INOVARE No.69/2007	Team member	2007-2009
Novel strategies for modulation of immune response in elders: telomerase and apoptosis impact on immunosenescence process of T cell (SENTAP) CEEX-Viasan No.80/2006	Team member	2006-2008
Novel method for induction of immunetolerance to non-self phenotypes for avoidance of post-transplant rejets (GREFACCEPT) CEEX-Viasan No.194/2006	Team member	2006-2008
Molecular mechanisms involved in cardiac pre-conditioning using volatile anesthetics: from identification of molecular targets in rat myocardium to identification of mechanisms mediating protective effect on human myocardium (PRISME) CEEX-Viasan No.134/2006	Team member	2006-2008
Obtaining of nanocomposite / nanocrystals with applications in biotechnologies, agriculture, health and environment protection (NUSA) CEEX-Viasan No.18/2005	Team member	2005-2007

Annex 2 - MAIN PUBLISHED PAPERS

• Papers published in database journals

1. Paunescu V, Deak E, Herman D, Siska IR, Tanasie G, Bunu C, **Anghel S**, Tatu CA, Oprea TI, Henschler R, Ruster B, Bistran R, Seifried E. *In Vitro Differentiation of Human Mesenchymal Stem Cells to Epithelial Lineage*, Journal of Cellular and Molecular Medicine, 11:1-8, 2007
2. Bojin F, Ordodi V, **Anghel S**, Gruia A, Gavriluc O, Georgescu R, Vintila R, Tatu C, Bunu C, Tanasie G, Paunescu V. *Mesenchymal stem cells admix with biological scaffold heal bone defects in rat models*. Romanian Biotechnological Letters, 16(3): 6218-6225, ISSN 1224-5984, 2011
3. **Anghel S**, Bojin F, Igna C, Tanasie G, Seres M, Tatu C, Luca C, Tatu CA, Rosca A, Gruia A, Ordodi V, Georgescu R, Paunescu V. *Harvesting, isolation and characterization of dog periosteum-derived cells*. Fiziologia-Physiology, 64:31-35, 2009
4. **Anghel S**, Bojin F, Igna C, Tanasie G, Tatu CA, Seres M, Tatu C, Luca C, Ordodi V, Gruia A, Rosca A, Gurban C, Georgescu R, Paunescu V. *Comparison between differentiation potential of dog periosteum-derived cells and bone marrow-derived cells to osteogenic, chondrogenic and adipogenic lineages*. Fiziologia-Physiology, 65:21-26, 2010
5. Bojin F, Ordodi V, **Anghel S**, Gruia A, Gavriluc O, Georgescu R, Vintila R, Tatu C, Bunu C, Tatu CA, Tanasie G, Paunescu V. *Mesenchymal stem cells admix with biological scaffold heal bone defects in rat model*. *Romanian Biotechnological Letters*, 2011; 16(3): 6218-6225.
6. Bojin F, Gavriluc O, Ordodi V, Cristea M, **Anghel S**, Crisnic D, Nistor D, Tatu C, Tanasie G, Panaitescu C, Paunescu V. *Controversies related to cell cultures obtained from various tissular samples*. *Fiziologia - Physiology*, 2011; 21(72): 4-9.
7. Tanasie G, **Anghel S**, Mirea F., Siska IR, Ordodi V, Nistor D, Tatu C, Bunu C, Boss H, Poenaru D. *In Vitro Human Adult Mesenchymal Stem Cells Differentiation towards Chondrogenic Lineage*, Fiziologia. Physiology, ISSN 1223-2076, 17, 4 (56), 2007

8. Tanasie G, Tatu C, Bunu C, Tascu M, Igna C, Vasilco R, Cristea M, Paunescu V, **Anghel S**, Schuszler L, Mirea F, Voicu A, Dema A, Paunescu V. *Stem cells and osteoarticular regeneration*, Fiziologia. Physiology, ISSN 1223-2076, 17, 3 (55), 8-11, 2007
9. Gurban CV, Tanasie G, Gotia SR, Cornianu M, Glaja R, Faur A, **Anghel S**, Ceacali C. *Osteocalcin and Estradiol – Markers of Bone Cells in Postmenopausal Osteoporosis*, Fiziologia – Physiology, 17 (4): 21 – 24, 2007
10. Tanasie G, **Anghel S**, Tatu C, Paunescu V, Siska I, Bunu C, Tatu F, Ionita H, Paunescu V. *In vitro expansion of human bone marrow derived undifferentiated mesenchymal stem cells*, Fiziologia. Physiology, ISSN 1223-2076, 16, 2 (50), 27-31, 2006

● **Abstracts published in abstract books at national and international conferences/congresses**

1. Bojin F, Gavriluc OI, Cristea MI, Gruia AT, **Anghel S**, Tatu CS, Tanasie G, Panaitescu C, Tatu CA, Paunescu V. Ouabain inhibits in vitro proliferation of tumour-associated fibroblasts and cancer cell lines. *European Journal of Cancer* 48, Suppl. 5 (2012): S52; Proceedings Book, 22nd Biennial Congress of the European Association of Cancer Research – From basic research to personalized cancer treatment, 7-10 July 2012, Barcelona, Spain.
2. Bojin FM, Tatu CA, Gavriluc O, Ciuculescu F, Cristea M, Rosca A, **Anghel S**, Gruia A, Crisnic D, Tanasie G, Tatu C, Nistor D, Bunu C, Paunescu V. In vitro characterization of tumor-associated fibroblasts as supportive network for cancer development. *International Immunology*, 22 (suppl.); 167 - 14th International Congress of Immunology, Kobe, Japan, 2010
3. Tanasie G, **Anghel S**, Tatu RF, Bojin FM, Tatu C, Nistor D, Bunu C, Tatu CA, Paunescu V. *Human adult stem cells as a source for osteoprogenitor cells in vitro*, Proceedings of the XXXVI International Congress of Physiological Sciences (IUPS2009), The Physiological Society of Japan, 27 iulie-1 august, Kyoto, Japonia, The Journal of Physiological Sciences, vol 59, supl.1, pg.443, 2009
4. Bojin MF, Tanasie G, Cristea M, **Anghel S**, Tatu RF, Ordodi V, Tatu CA, Bunu C, Paunescu V. *Human adult mesenchymal stem cells chondrogenic lineage*, Proceedings of the XXXVI International Congress of Physiological Sciences (IUPS2009), The Physiological Society of Japan, 27 iulie-1 august, Kyoto, Japonia, The Journal of Physiological Sciences, vol 59, supl.1, pg.443, 2009
5. **Anghel S**, Tanasie G, Boss H, Dreucean M, Poenaru D. *Stem cells based osteoarticular engineering*, simpozionul “New trends in tissue engineering and stem cell research” 1 -2 iulie, Toulouse, Franța, 2008
6. Tanasie G, Toth-Tascu M, Mirea F, Dreucean M, **Anghel S**, Schluszer L, Igna C. *Combined bioimplants for articular defects healing*, TERMIS (Tissue Engineering and Regenerative Medicine Society) 2008 meeting, 22-26 iunie, Porto, Portugalia, Tissue Engineering, vol.14, 5:825-826, 2008
7. Paunescu V, Deak E, Herman D, Gavriluc O, Siska IR, Tanasie G, Bunu C, **Anghel S**, Tatu CA, Oprea TI, Henschler R, Ruster B, Bistrrian R, Seifried E. *In vitro differentiation of human mesenchymal stem cells to epithelial lineage*, The LXXIII Cold Spring Harbor Symposium on Quantitative Biology, 28 mai-2 iunie, Cold Spring Harbor, New York, USA, Control & Regulation of Stem Cells, pg.139, 2008
8. Tanasie G, Tatu C, **Anghel S**, Bunu C, Păunescu V. *Human bone marrow – derived mesenchymal stem cells phenotype*, GENOSTEM third workshop on MSCs engineering for connective tissue disorders, 7 – 9 februarie, Barcelona, Spania, 2007
9. Tanasie G, Bunu C, **Anghel S**, Paunescu V. *Preliminary studies regarding MSC culture on 3D matrix*, GENOSTEM third workshop on MSCs engineering for connective tissue disorders, 28-29 septembrie, Heraklion, Grecia, pg.10, 2006
10. Siska IR, Deak E, Tanasie G, Bunu C, Herman D, Ordodi V, **Anghel S**, Nistor D, Tatu C, Paunescu V. *Differentiation of endothelial and epithelial-like cells from human mesenchymal stem cells*, Joint Meeting of The German Society of Physiology and The Federation of European Physiological Societies, 26-29 martie, Munchen, Germania, Acta Physiologica, 186, supl. 1, pg.200, 2006
11. Dehelean CA, Tatu C, Pinzaru-Cinta S, Peev C, Soica C, Tanasie G, **Anghel S**. *In vitro studies on mesenchymal stem cells of a dry birch tree bark extract*, EUROTOX 2006/6 CTCD Congress, Toxicology Letters, 164 (suppl.1), S228, (SCIENCEDIRECT), 2006
12. **Anghel S**, Bojin F, Tatu CA, Ordodi V, Gruia A, Rosca A, Tanasie G, Tatu C, Panaitescu C, Paunescu V. Differentiation mechanisms and pathways of dog periosteum-derived stem cells. *Fiziologia-Physiology*, 2012; supplement: 30 - The 11th National Congress of the Romanian Society of Physiological Sciences, 10-12 May 2012, Timisoara, Romania.
13. Paunescu V, Bojin F, Ordodi V, Gavriluc O, Cristea M, **Anghel S**, Gruia A, Mic FA, Tanasie G, Tatu C, Panaitescu C. Molecular expression pattern of human mesenchymal stem cells-differentiated adipocytes. *Fiziologia-Physiology*, 2012; supplement: 22 - The 11th National Congress of the Romanian Society of Physiological Sciences, 10-12 May 2012, Timisoara, Romania.
14. Bojin F, Ordodi V, Gavriluc O, Cristea M, **Anghel S**, Gruia A, Nistor D, Crisnic D, Boleman A, Tanasie G, Tatu C, Panaitescu C, Paunescu V. Na/K pump inhibitors decrease proliferation of normal and tumor cells. *Fiziologia-Physiology*, 2012; supplement: 34 - The 11th National Congress of the Romanian Society of Physiological Sciences, 10-12 May 2012, Timisoara, Romania.
15. Bojin F, Ordodi V, Cristea M, **Anghel S**, Gruia A, Tanasie G, Tatu C, Panaitescu C, Paunescu V. Introspection in molecular expression pattern of human mesenchymal stem cells-differentiated adipocytes. Academician Nicolae Cajal Symposium, Bucharest, March 28-31 2012, Abstract book pg. 10
16. Cristea M, Bojin F, Ordodi V, **Anghel S**, Gruia A, Gavriluc O, Georgescu R, Vintila R, Tatu C, Bunu C, Tatu CA, Tanasie G, Paunescu V. Bone reconstruction model in rats – mesenchymal stem cells and Biological scaffold. Proceedings of the Vth Edition of the Symposium “New Trends and Strategies in the Chemistry of Advanced Materials”, 3-4 November 2011 Timisoara, Romania, pg.7
17. **Anghel S**, Bojin F, Tatu CA, Ordodi V, Gruia A, Rosca A, Tanasie G, Tatu C, Panaitescu C, Paunescu V. Trilineage differentiation pathway of dog periosteum-derived and bone marrow-derived stem cells. *Fiziologia-Physiology*, 2011; suppl: 39 - 41st Annual Immunology Conference, 22-24 September, Timisoara, Romania.
18. Bojin F, Gavriluc O, Tatu CA, Ordodi V, Rosca A, Cristea M, Gruia A, **Anghel S**, Nistor D, Crisnic D, Tatu C, Tanasie G, Panaitescu C, Paunescu V. Ouabain-induced effects on normal and tumor cell lines. *Fiziologia-Physiology*, 2011; suppl: 23 - 41st Annual Immunology Conference, 22-24 September 2011, Timisoara, Romania.
19. Paunescu V, Bojin F, Gavriluc O, Tatu CA, Ordodi V, Rosca A, Cristea M, Gruia A, **Anghel S**, Nistor D, Crisnic D, Tatu C, Tanasie G, Panaitescu C. Multipotent stromal cells of different origins: Insights on in vitro characteristics. *Fiziologia-Physiology*, 2011; suppl: 33 - 41st Annual Immunology Conference, 22-24 September, Timisoara, Romania.

20. Ordodi V, Bojin F, Gruia A, Boleman A, Gavriiliuc O, Cristea M, **Anghel S**, Tanasie G, Panaitescu C, Paunescu V. Mesenchymal stem cells as model of in vitro adipogenesis. *Fiziologia-Physiology*, 2011; suppl: 55 - 41st Annual Immunology Conference, 22-24 September, Timisoara, Romania.
21. Bojin F, Cristea M, Ordodi V, **Anghel S**, Tanasie G, Panaitescu C, Paunescu V. Differences between stromal stem cells from various tissular sources – morphological and functional studies. *Romanian Journal of Biochemistry*, 2011; 48 (suppl.): 30 – The Annual International Conference of the Romanian Society of Biochemistry and Molecular Biology, The Conference on “Cellular and Molecular Biotechnologies on Medical Applications”, 28-30 September 2011, Craiova, Romania.
22. Bojin F, Gavriiliuc O, Tatu CA, Cristea M, Anghel S, Crisnic D, Nistor D, Tatu C, Tanasie G, Panaitescu C, Paunescu V. In vitro adipogenic differentiation pathway. The XXVth National Conference of Romanian Society of Physiological Sciences, 26-28 May 2011, Tg. Mures, Romania
23. Paunescu V, Bojin F, Cristea M, Gavriiliuc O, Anghel S, Tanasie G, Tatu C, Panaitescu C. Characterization of stem cells of different origins. The XXVth National Conference of Romanian Society of Physiological Sciences, 26-28 May 2011, Tg. Mures, Romania
24. Bojin F, Gavriiliuc O, Tatu CA, Ordodi V, Cristea M, Gruia A, **Anghel S**, Boleman A, Crisnic D, Tatu, C, Tanasie G, Panaitescu C, Paunescu V. Genetic changes during adipocytes ontogenesis. VIth Academician Nicolae Cajal Symposium, Bucharest, March 30-April 01 2011, Abstract book pg. 19.
25. Paunescu V, Bojin F, Gavriiliuc O, Tatu CA, Ordodi V, Rosca A, Cristea M, Gruia A, **Anghel S**, Crisnic D, Tatu C, Tanasie G, Panaitescu C. In vitro suppression of tumor development. VIth Academician Nicolae Cajal Symposium, Abstract book pg. 15. Bucharest, March 30 - April 01 2011
26. Bojin F, Tatu CA, Gavriiliuc O, Rosca A, Tatu C, Tanasie G, Cristea M, Gruia A, Crisnic D, Nistor D, **Anghel S**, Bunu C, Paunescu V. Tumor-associated fibroblasts as a subset of mesenchymal stem cells. Diaspora in Romanian scientific research and higher education – Molecular Medicine, Next generation Conference, 22-23 September 2010, Romanian Academy, Abstract book 48-49
27. Bojin F, Tatu CA, Gavriiliuc O, Boleman A, Gruia A, Cristea M, **Anghel S**, Nistor D, Tatu C, Tanasie G, Bunu C, Paunescu V. Adipocytes-induced changes in tumor microenvironment and cancer cells behavior. Immunology and Clinical Allergy Joint Meeting, 28 April-1 May, 2010, Sibiu, Abstract book pg. 30, ISBN 978-973-88744-3-5
28. Gruia A, Bojin F, Cristea M, Ordodi VL, Gavriiliuc O, Gai E, **Anghel S**, Rosca A, Tatu C, Paunescu V. Immunophenotypic characterization of several tumoral cell lines and cytotoxicity evaluation of certain antitumoral compounds by Alamar Blue assay. Immunology and Clinical Allergy Joint Meeting, 28 April-1 May, 2010, Sibiu, Abstract book pg. 28, ISBN 978-973-88744-3-5
29. Tanasie G, Bojin F, Tatu CA, Gavriiliuc O, Tatu RF, Bunu C, **Anghel S**, Cristea M, Paunescu V. In vitro induction of bone marrow derived mesenchymal stem cells in epithelial-like cells. Academician Nicolae Cajal Symposium Vth Edition. „Translational Oncology, Cell Therapy, Virology” Romanian Academy library, Bucharest, April 15-16, 2010, Abstract book pg.10
30. Bojin MF, Siska IR, Herman D, Bunu C, Tatu C, **Anghel S**, Deak E, Tatu CA, Tanasie G, Paunescu V. *Human mesenchymal stem cells transition toward the epithelial lineage – in vitro study*. *Fiziologia – Physiology*, 2009; supplement, Vol. Rezumate, National Conference of the Romanian Society of Physiological Sciences, 28-30 mai, Craiova, pg. 10, 2009
31. Tanasie G, Tatu CA, **Anghel S**, Cristea M, Ionita H, Tatu FR, Bunu C, Paunescu V. *Izolarea, cultivarea in vitro și caracterizarea celulelor stem mezenchimale umane derivate din măduva hematogenă*, Simpozionul “Celulele stem si medicina regenerativa. Stadiul actual si perspective”, organizat de Fundatia Nicolae Cajal, 6-8 noiembrie 2008
32. Nistor D, Siska I, Bunu C, Tanasie G, Bojin F, **Anghel S**, Buncean M, Gavriiliuc O, Paunescu V. *Terapia cu celule stem pentru regenerarea și reconstrucția vasculară*, Simpozionul national CEEX-VIASAN, 10-12 octombrie, Sinaia, 2008
33. Tanasie G, **Anghel S**, Cristea M, Tatu F, Paunescu V. *Characterization of human adult stem cells induced to the osteoblastic lineage*, XX International symposium on morphological sciences, 12-16 septembrie, Timisoara, 2008
34. Tanasie G, Tatu RF, **Anghel S**, Paunescu V, Buncean M, Tascau M, Tatu C, Dreucean M, Bunu C, Igna C, Paunescu V. *Stem cells based articular reconstruction in animal models*, Congresul National de Fiziologie, 6-7 iunie, Cluj-Napoca, 2008
35. Mirea F, Nistor D, Tatu C, Tanasie G, Siska I, **Anghel S**, Plesca D, Cioaca R, Gavriiliuc O, Bunu C, Paunescu V. *Differentiation of mesenchymal stem cells towards different cell lineages under the influence of culture medium factors*. *Fiziologia – Physiology*, 2007;17(55):44. Vol. de rezumate, Conferinta Regenerative Medicine-ERA STEM, 8-10 noiembrie, Timisoara, 2007
36. Paunescu V, Gavriiliuc O, Tatu C, **Anghel S**, Mirea F, Cioaca R, Rosca A, Ordodi V, Tanasie G, Gruia A, Crasnic D, Bunceanu M, Paunescu V, Vintila T, Simionescu O. *Genetic engineering of cancer stem cells in view of immune response modulation in tumours of non-viral origin*, Conferinta Regenerative Medicine-ERA STEM, 8-10 noiembrie, Timisoara, 2007
37. Nistor DC, Siska I, Bunu C, Tanasie G, Tatu C, Mirea F, **Anghel S**, Paunescu V. *Human adult stem cells involvement in cardiovascular tissue engineering*, Conferinta Regenerative Medicine-ERA STEM; *Fiziologia (Physiology)* vol. 17 (3): 43, 2007
38. Mirea F, Ordodi V, Nistor D, Tatu C, Siska I, Bunu S, **Anghel S**, Tanasie G. *In vitro differentiation of mesenchymal stem cells towards the chondrocytic lineage under the action of medium factors*. Volum de rezumate Simpozionul National de Cercetare Stiintifica Medicala de Excelenta, 25-26 octombrie, Sibiu, 2007
39. Nistor DC, Siska I, Tanasie G, Tatu C, Mirea F, **Anghel S**, Plesca D, Paunescu V. *Analiza comparativa a celulelor endoteliale obtinute din celule stem adulte umane*. Volum de rezumate Simpozionul National de Cercetare Stiintifica Medicala de Excelenta, 25-26 octombrie, Sibiu, pg. 133, 2007
40. Bunu C, Nistor DC, Siska I, Tanasie G, Tatu C, **Anghel S**, Mirea F, Paunescu V. *Therapeutic transplant of human stem cells for cardiovascular regeneration and reconstruction*. Volum de rezumate Simpozionul National de Cercetare Stiintifica Medicala de Excelenta, 25-26 Octombrie, Sibiu, pg. 75, 2007
41. Tanasie G, Tatu C, Bunu C, Tascau M, Igna C, Vasilco R, Cristea M, Paunescu V, **Anghel S**, Voicu A, Dema A, Paunescu V. *Bioimplanturi combinate pentru reconstrucția osteoarticulara*, Simpozionul National VIASAN, septembrie, Sibiu, 2007
42. Cioca DP, Rusu DA, **Anghel S**, Gluhovschi CA. *GRAFACCEPT: noi strategii de imunotolerizare*, Conferinta Nationala de Imunologie, 19-21 septembrie, Iasi, 2007

43. Cioca DP, Gluhovschi CA, Rusu DA, **Anghel S**. *Metode novatoare de modulare a cross-prezentarii antigenice*, Conferinta Nationala de Imunologie, 19-21 septembrie, Iasi, 2007
44. Tanasie G, **Anghel S**, Tatu CA, Gruia A, Paunescu V, Tatu C, Mirea F, Nistor D, Bunu C. *Funcționalitatea in vitro a celulelor stem mezenchimale în interacțiune cu diferite materiale și suporturi*, Conferinta Nationala de Fiziologie, 1-2 iunie, Bucuresti, 2007
45. Nistor DC, Siska I, Tanasie G, Tatu C, Mirea F, Cioaca R, **Anghel S**, Paunescu V. *Studiu comparativ al celulelor endothelial-like derivate din celule stem adulte umane*. Conferinta Nationala de Fiziologie, 1-2 iunie, Bucuresti, pg. 104, 2007
46. Nistor DC, Siska I, Tanasie G, Mirea F, Cioaca R, Szilagy D, **Anghel S**, Bunu C, Deak E, Mihalas G, Paunescu V. *Sources of endothelial cells for stents endothelisation*. Conferința "Endotelial cell and tumor angiogenesis", 19-21 aprilie, Timisoara, 2007
47. Siska IR, Deak E, Maniu H, Nistor DC, Tanasie G, Bunu C, Tatu C, Ordodi V, Szilagy D, Herman D, **Anghel S**, Mirea F, Tatu C, Paunescu V. *Celulele stem adulte umane – sursa celulara pentru ingineria vasculara*. Simpozion VIASAN "De la medicina moleculara si celulara la medicina clinica". Volum de rezumate ISBN 10973-708-004-1, pg 58-59, oct, 2006
48. Tanasie G, Deak E, **Anghel S**, Bunu C, Siska I, Nistor DC, Mirea F, Tatu C, Ordodi V, Negreanu T, Igna C, Paunescu V. *Diferențierea osteogenica in vitro pe suporturi 3D a celulelor stem mezenchimale de câine*. Simpozion VIASAN "De la medicina moleculara si celulara la medicina clinica". Volum de rezumate ISBN 10973-708-004-1, pg 59-60, oct, 2006
49. Siska IR, Nistor DC, Tanasie G, Mirea F, Ordodi V, **Anghel S**, Munteanu C, Bunu C, Deak E, Paunescu V. *Avantajele dezvoltarii unei bănci de sânge de cordon ombilical si placenta*. Simpozion VIASAN "De la medicina moleculara si celulara la medicina clinica". Volum de rezumate ISBN 10973-708-004-1, pg 61-62, oct, 2006
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