

Curriculum Vitae

Personal information

First name	HARPA
Surnames	MARIUS MIHAI
Address	, SINCRAIU DE MURES, jud. Mures, ROMANIA
Telephone	
E-mail	marius_harpa@yahoo.com
Nationality	Romanian
Date of birth	
Gender	Male

Professional experience

Current job

- 01 Jan 2012 to present - Resident Doctor in Cardiovascular Surgery – Institute for Cardiovascular Disease and Heart Transplant Institute – Tirgu Mures, Romania
- 01 Oct 2011 to present – PhD Student in Heart Valve Tissue Engineering – University of Medicine and Pharmacy, Tirgu Mures, Romania
- Researcher in the project „STEM CELL SEEDED COLLAGEN SCAFFOLDS FOR HEART VALVE REPLACEMENT”, supported by a grant from the Romanian National Authority for Scientific Research, project number PNII-ID-PCCE-2011-2-0036.

Education

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| 2005-2011 | <ul style="list-style-type: none">• Graduate of Faculty of Medicine |
| 2001-2005 | <ul style="list-style-type: none">• University of Medicine and Pharmacy Targu Mures, Romania• “O.C. Tăslăuanu” High School, Toplita, profile "Mathematics and Computer Intensive" |

Training

- Experience Exchange to Hannover Medical School – 24-26 Nov 2014
- Experience Exchange to Biocompatibility and Tissue Regeneration Laboratories Department of Bioengineering, Clemson University, Clemson SC, USA – 01-31 Oct 2012
- Erasmus grant at the University Claude Bernard Lyon 1, Faculty of Medicine Charles Mérieux South Lyon, France 01.01.2010 - 06.30.2010
- Erasmus mobility grant - Caen University Hospital, Department of Cardiac Surgery –France 07.01.2009 - 09.30.2009

Awards

- Mures County Doctors College Award – For human, moral and professional qualities – 17th April 2015

Publications

Articles

ISI:

1. Marius Mihai Harpa, Ionela Movileanu, Leslie Neil Sierad, Ovidiu Simion Cotoi, Horatiu Suciu, Carmen Sircuta, Terezia Preda, Dan Nistor, Klara Branzaniuc, Radu Deac, Michael Dandel, Simona Gurzu, Lucian Harceaga, Peter Olah, Agneta Simionescu, Dan Simionescu - Pulmonary heart valve replacement using stabilized acellular xenogeneic scaffolds; effects of seeding with autologous stem cells., Rev Romana Med Lab, Dec 2015, Vol 23, nr. 4, pg. 415-430 DOI: 10.1515/rrlm-2015-0046
2. Marius Harpa, I Movileanu, L Sierad, O Cotoi, H Suciu, T Preda, D Nistor, C Sircuta, K Branzaniuc, R Deac, S Gurzu, L Harceaga, P Olah, D Simionescu, M Dandel, A Simionescu. "In vivo testing of xenogeneic acellular aortic valves seeded with stem cells", Letter to the Editor, Rev Romana Med Lab, Sept 2016, vol. 24, nr. 3, DOI: 10.1515/rrlm-2016-0031
3. Allison Kenamer, Leslie Sierad, Richard Pascal, Nicholas Rierson, Christopher Albers, Marius Harpa, Ovidiu Cotoi, Lucian Harceaga, Peter Olah, Preda Terezia, Agneta Simionescu, Dan Simionescu - Bioreactor conditioning of valve scaffolds seeded internally with adult stem cells, Tissue Eng Regen Med 2016;13(1):1-9
4. Sierad Leslie, Shaw Eliza, Bina Alexander, Brazile Bryn, Rierson Nicholas, Patnaik Sourav, Kenamer Allison, Odum Rebekah, Cotoi Ovidiu, Terezia Preda, Branzaniuc Klara, Smallwood Harrison, Deac Radu, Egyed Imre, Pavai Zoltan, Szanto Annamaria, Harceaga Lucian, Suciu Horatiu, Raicea Victor, Olah Peter, Simionescu Agneta, Liao Jun, Movileanu Ionela, Harpa Marius, Simionescu Dan - Functional Heart Valve Scaffolds Obtained by Complete Decellularization of Porcine Aortic Roots in a Novel Differential Pressure Gradient Perfusion System, Tissue Eng Part C Methods, 2015 Dec, 21(12), 1284-96, doi: 10.1089/ten.TEC.2015.0170. – Co-corresponding author

BDI:

1. Marius Harpa, Klara Branzaniuc, Ionela Movileanu, Ovidiu Cotoi, Horatiu Suciu, Radu Deac, Lucian Harceaga, Agneta Simionescu, Peter Olah, Dan Simionescu – Implantation of valvular collagen biomaterials seeded with autologous stem cells – intraoperative hemodynamic measurements in an animal model, ACTA MEDICA TRANSILVANICA June 2015;20(2):38-39

ABSTRACTS

- Harpa MM, Suciu H, Movileanu Ionela, Branzaniuc Klara, Cordos B, Simionescu Agneta, Simionescu Dan – Six months in vivo testing of acellular valvular xenografts in a sheep RVOT animal model, Acta Medica Marisiensis, Dec 2015, vol. 61, suppl 8, pg 4
- Harpa Marius, Horatiu Suciu, Movileanu Ionela, Sircuta Carmen, Branzaniuc Klara, Simionescu Dan – A xenograft heart valvular conduit – intraoperative hemodynamic parameters measurements. Acta Medica Marisiensis, Dec 2014, vol. 60, suppl 4, pg 62
3. Premiul 1 la Secțiunea Chirurgie Cardiaca E-posters - Marius Harpa, Horatiu Suciu, Radu Deac, Victor Raicea, Ionela Movileanu, Carmen Sircuta, Radu Balau, Klara Branzaniuc, Agneta Simionescu, Dan Simionescu. „Studiu experimental privind xenograft-uri decelularizate, însemănțate cu celule stem și implantate în model animal ovin – rezultate preliminare”. Congresul Societății Române de Chirurgie Cardiovasculară, Iasi, Romania, 18-21 Septembrie, 2014, Revista Medico-Chirurgicală a Societății de Medici și Naturaliști din Iași, Vol. 118, Iulie-Septembrie 2014, nr. 3, Supl. 1, pg. 87, ISSN 0048-7848
 4. Premiul I la Secțiunea Preclinic a Congresului Marisiensis 2016 - Movileanu Ionela, Harpa M., Cotoi O.S., Preda Terezia, Simionescu Agneta, Simionescu D., Adipose tissue derived stem cells - the medicine of the future?, Acta Medica Marisiensis, 2016, Vol 62, Supp 4, pg 2.
 5. Movileanu Ionela, Harpa M., Deac R., Suciu H., Olah P., Simionescu D., Testing of valvular xenografts seeded with stem cells on animal model, Acta Medica Marisiensis, 2015, Vol 61, Supp 2, pg 57-58.

Personal skills and competences Mother tongue(s) Other languages	Romanian English French
Social skills and competences	Member of the University Senate 2008-2009 Member of University Staff Council 2008-2009 Member of University Ethics Committee 2008-2011 Representative series student from 2005 to 2009 Member of the Assembly of Representatives and the Executive Office of Tg Mures Students League 2005-2009 Participant in the General Assembly of the Federation of Medical Students Associations in Romania (FASMR) Băișoara, Cluj, 27 to 29 March 2009
Organisational skills and competences	Organizer of the International Congress of Cardiovascular and Thoracic Surgery 2008 Targu Mures, 23 to 26 October 2008 Executive Member of National Congress for Students and Young Doctors, Marisiensis 2009 Organizer of the National Congress of Students and Young Doctors "Marisiensis" 2008 Organizer of the Student Festival of Satire and Humor 2007 and 2008 Organizer of cultural, artistic and sports event "Medifun" 2008
Computer skills and competences	Certified as Professional Computer Operator and Programmer-intermediate level
Driving licence	Category A, B