



Last Update: 20/11/2012

PERSONAL INFORMATION

First name Hamed
Surname Heidari-Vala
Nationality Iranian
Date/Place of birth 21/05/1982 Tabriz- Iran
Gender/Marital Male/Single
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EDUCATION

Dates 2000-2006
Degree DVM (Doctor of Veterinary Medicine)
Thesis Title Evaluation of serum concentration of Na, K, P, Ca, Mg and Cl in cattle with hyperketonemia
University Faculty of Veterinary Medicine, Islamic Azad University, Tabriz Branch, Tabriz, Iran

CURRENT POSITION

Position1/Dates Research Assistant / 2009-Present
Institution Reproductive Biotechnology Research Center, Avicenna Research Institute
City/Country Tehran, Iran

Position2/Dates Executive Manager / 2011-Present
Institution Reproductive Biotechnology Research Center, Avicenna Research Institute
City/Country Tehran, Iran

AWARDS

Title The distinctive student of the year in research and educational activities
Institution Islamic Azad University, Tabriz, Iran
Date 2004

Title Selected chief student of the Young Researchers Club
Institution Islamic Azad University, Tabriz, Iran,
Date 2004

Title A travel grant for 5th Meeting of International Network for Young Researchers in Male Fertility (INYRMF), Stockholm, Sweden
Institution INYRMF & Karolinska Institute
Date 19-20 Apr 2012

LANGUAGE

Mother tongue Azeri
Other language(s) Persian Native Turkish Advanced
 English Advanced

PEER-REVIEWING FOR JOURNALS

Journal /Publisher Pharmaceutical Biology/Informa Healthcare
Date 2011
ISSN 1388-0209 (print), 1744-5116 (electronic)

Journal /Publisher Journal of Medicinal Plants Research/Academic Journals
Date 2011
ISSN 1996-0875 ©2011

PUBLICATIONS

- Title of Paper* Comparison of ICSI outcomes between sperm retrieved from testicular biopsy and ejaculation in cryptozoospermic men
Authors N Amirjannati, **H Heidari-Vala**, MA Akhondi, SH Hosseini Jadda, K Kamali, MR Sadeghi
Journal/Publisher Andrologia/WILEY-BLACK WELL
Date/Vol /No/PP 2012, Vol. 44(s1), pp.704–709 
- Title of Paper* Evaluation of an aqueous-ethanolic extract from Rosmarinus officinalis (Rosemary) for its activity on the hormonal and cellular function of testes in adult male rat
Authors **H Heidari-Vala**, R Ebrahimi Hariry, MR Sadeghi, MA Akhondi, M Heidari
Journal/Publisher Iranian Journal of Pharmaceutical Research
Date/Vol /No/PP 2012, Accepted
- Title of Paper* The inductive effects of Centella asiatica on rat spermatogenic cell apoptosis in vivo
Authors M Heidari, **H Heidari-Vala**, MR Sadeghi and MA Akhondi
Journal/Publisher Journal of Natural Medicines/Springer
Date/Vol /No/PP 2012, Vol. 66(2), pp. 271-278 
- Title of Paper* Nestin, a neuroectodermal stem cell marker is expressed by bovine sertoli cells
Authors P Tajik, A Barin, M Movahedin, AH Zarnani, R Hadavi, G Moghaddam, J Shoja, M Jeddi-Tehrani, J Ashrafi-Helan, **H Heidari-Vala**, E Torkabadi and B Qasemi-Panahi,
Journal/Publisher Comp Clin Pathol/Springer
Date/Vol /No/PP 2012, Vol. 21(4), pp. 395-399
- Title of Paper* In vitro Human Chondrocyte Culture; A Modified Protocol
Authors M Heidari, MN Tahmasebi, S Etemad, SH Salehkhrou, **H Heidari-Vala** and MA Akhondi
Journal/Publisher Middle-East Journal of Scientific Research/IDOSI Publications
Date/Vol /No/PP 2011, Vol. 9 (1), pp. 102-109
- Title of Paper* Differentiation of Bovine Spermatogonial Stem Cells into Osteoblasts
Authors B Qasemi-Panahi, P Tajik, M Movahedin, G Moghaddam, Y Barzgar, **H Heidari-Vala**
Journal/Publisher Avicenna J Med Biotech (AJMB)/Avicenna Research Institute
Date/Vol /No/PP 2011, Vol. 3(3), pp. 149-153
- Title of Paper* Relationship between sperm chromatin status and ICSI outcome in men with obstructive azoospermia and unexplained infertile normozoospermia
Authors MR Sadeghi, N Lakpour, **H Heidari-Vala**, M Hodjat, N Amirjannati, H Hossaini Jadda, S Binaafar, MA Akhondi
Journal/Publisher Rom J Morphol Embryol/ Academy of Medical Sciences
Date/Vol /No/PP 2011, Vol. 52(2), pp.645–651 
- Title of Paper* Isolation and recognition of spermatogenic cell lineages from mouse testis tissue
Authors T Modarresi, K Parivar, H Mohseni Kouchesfehiani, M Sabbaghian, **H Heidari-Vala**, MR Sadeghi
Journal/Publisher Cell Journal (Formerly published as Yakhteh Journal)/Royan Institute
Date/Vol /No/PP 2010, Vol. 12(3), pp. 429-432

ABSTRACT PRESENTATION (ORAL)* Poster presentations were not included

<i>Title</i>	<i>Evaluation of synchronous development of linguatula serrata and dicrocoelium dendriticum in hepatic specimens of slaughtered sheep in Tabriz industrial slaughterhouse</i>
<i>Authors</i>	<i>MH Mohammadpour, H Heidari-Vala</i>
<i>Event/Date/Place</i>	<i>The 1st congress of Iranian veterinary laboratory science students, July 2004, Tabriz University, Tabriz, Iran</i>
<i>Title</i>	<i>Biometric evaluation of Qarebagh horse breed and its importance among Azerbaijan horse types</i>
<i>Authors</i>	<i>H Heidari-Vala, MH Mohammadpour, HA Mahpeykar</i>
<i>Event/Date/Place</i>	<i>The 4th National Scientific/Research Conference of Agricultural and Natural Resources, November 2005, Islamic Azad University, Tabriz, Iran</i>

SKILLS

<i>Animal Experiment</i>	<i>Laboratory and farm animal models handling and general surgeries</i>
<i>Bioengineering</i>	<i>Electrospinning, Freeze-Drying & some chemical-base fabrication method</i>
<i>Laboratory</i>	<i>Some experiences in laboratory techniques like:</i>
	<i>PCR</i>
	<i>ELISA</i>
	<i>Cell Culture</i>
	<i>Immunohistochemistry (IHC)</i>
	<i>Immunocytochemistry (ICC)</i>
	<i>Transmission Electron Microscopy (TEM)</i>
	<i>Sperm Functional Tests, some techniques applied at Andrology Dep.</i>
<i>Computer & IT</i>	<i>Win XP and 7, Windows Office, Internet, EndNote, SPSS</i>

SHORT TERM PROFESSIONAL TRAINING (SELECTED)

<i>Title</i>	<i>17th European Workshop on Molecular and Cellular Endocrinology of the Testis (European Testis Workshop; ETW)</i>
<i>University/Country/Date</i>	<i>Karolinska, Djuronaset, Stockholm, Sweden, April, 2012</i>
<i>Title</i>	<i>5th meeting International Network for Young Researchers in Male Fertility</i>
<i>University/Country/Date</i>	<i>Karolinska, Djuronaset, Stockholm, Sweden, April, 2012</i>
<i>Title</i>	<i>Cloning and following of Stra8 gene in the spermatogonial stem cells and confirmation of CD-4 expression to purification of male germ cells</i>
<i>University/Country/Date</i>	<i>Tarbiat Modares University, Tehran, Iran, November, 2010</i>
<i>Title</i>	<i>Basic Nanobiotechnology Course; Preliminary concepts and applications</i>
<i>University/Country/Date</i>	<i>NABAA scientific & research institute, Medical Science University of Tehran, Tehran, Iran, Autumn, 2008</i>
<i>Title</i>	<i>Bioinformatic and Genetic Data Analysis</i>
<i>University/Country/Date</i>	<i>Tabriz University, Tabriz, Iran, January, 2007</i>
<i>Title</i>	<i>Biotechnology Application in Animal Science</i>
<i>University/Country/Date</i>	<i>Tabriz University, Tabriz, Iran, July, 2006</i>

INTERESTS

<i>Research Interests</i>	<i>Regenerative medicine; healing, connective tissue (cartilage, tendon) bioengineering, islet regenerating Reproductive biology and biotechnology; applied andrology, male germ cell, spermatogonial stem cell, sperm sorting, in-vitro gamete maturation, male fertility preservation</i>
<i>Extracurricular</i>	<i>Amateurish scientific journalism; Asr-E-Azadi national daily (2003-2005), Daam, Kesht Va Sanaat Monthly (2008), Salamat Weekly, (2008-2009)</i>
<i>Hobbies</i>	<i>Music, literature and poem, horse riding and climbing</i>

MEMBERSHIP

<i>Title/Duration</i>	<i>Iranian Society of Embryology and Reproductive Biology/Jan2012-present</i>
<i>Title/Duration</i>	<i>International Network for Young Researchers in Male Fertility/ 2010-present</i>
<i>Title/Duration</i>	<i>Veterinary Council, I.R of Iran/2007- present</i>
<i>Title/Duration</i>	<i>Iranian Biotechnology Society/2005- present</i>
<i>Title/Duration</i>	<i>Iranian Genetic Society/2005- present</i>

REFEREES

<i>Name/Degree</i>	<i>Mohammad Reza Sadeghi/PhD, Associate Professor</i>
<i>Institution/Address</i>	<i>Emryology Dep., Infertility Clinic, Avicenna Research Institute, P.O.Box: 19615-1177, Evin, Tehran, Iran, Tel:+982122432020</i>
<i>Email</i>	<i>sadeghi@avicenna.ac.ir</i>
<i>Name/Degree</i>	<i>Somaieh Kazemnejad/ Ph.D, Assistant Professor</i>
<i>Institution/Address</i>	<i>Embryology and Stem cell Dep., Reproductive Biotechnology Research Center, Avicenna Research Institute, P.O.Box: 19615-1177, Evin, Tehran, Iran., Tel: +98 2122432020</i>
<i>Email</i>	<i>s.kazemnejad@avicenna.ac.ir</i>
<i>Name/Degree</i>	<i>Arash Khaki/DVM,PhD, Associate Professor</i>
<i>Institution/Address</i>	<i>Pathobiology Dep., Veterinary Faculty, Islamic Azad University, Tabriz, Iran, Mobile: +98 9143138399</i>
<i>Institution /Address</i>	<i>Women's Reproductive Health Research Center, Tabriz University of Medical Sciences, Al-Zahra Hospital, Southern Artesh Ave, Tabriz, Iran, Postal code: 5138665793, Tel/Fax: +984115541221</i>
<i>Email</i>	<i>arashkhaki@yahoo.com</i>
<i>Name/Degree</i>	<i>Kambiz Gilany/PhD, Assistant Professor</i>
<i>Institution/Address</i>	<i>Andrology Dep., Reproductive Biotechnology Research Center, Avicenna Research Institute, P.O.Box: 19615-1177, Evin, Tehran, Iran, Tel:+982122432020</i>
<i>Email</i>	<i>k.gilany@avicenna.ac.ir</i>
<i>Name/Degree</i>	<i>Seyed Mahdi Banan/DVM,PhD, Assistant Professor</i>
<i>Institution/Address</i>	<i>Animal Biology Dep., Science Faculty, University of Tabriz, Daneshgah Ave, Tabriz, Iran, Mobile: +98 9143080560</i>
<i>Email</i>	<i>smbanan@tabrizu.ac.ir</i>