



CURRICULUM VITAE

*Seyed Behnamedin Jameie (PhD)
Professor of Anatomical Sciences
(Neuroscience)*

*International Editorial Board of
"Gray's Anatomy for Students"*

Update: 22-Feb-2022 (03-12- 1400)

Biographical Information:

- Personal Information

Name: Seyed Behnamedin

Surname: Jameie

Date of Birth: 23 April, 1963

Place of Birth: Shiraz, Iran

Nationality: Iranian

- Academic Information

- Professor of Anatomical Sciences, Neuroscience researcher

- University Presidential Advisor

- Faculty member of Anatomy Department, Faculty of Medicine/ IUMS

- Fonder & Director of Neuroscience Research Center (NRC)/ IUMS

- Editor in Chief of Thritha Journal

- Address:

Department of Anatomy, Faculty of Medicine, Neuroscience Research Center (NRC)

Iran University of Medical Sciences (IUMS)

Hemmat Express Way, Tehran, Iran

Mobile Phone: 989121583544

E-Mail: jameie.sb@iums.ac.ir & behjame@gmail.com

- Degrees and Certifications

► 2001

Visiting Researcher: RIKEN Brain Science Institute, Lab of K Tanaka & K Rockland, Saitama, Tokyo, Japan

► 1998

Post-doctoral Research Period: 1st Department of Oral Anatomy, Prof S Kitamura Lab, Faculty of Dentistry, Tokushima University, Tokushima, Japan

► 1993-1998

PhD: Anatomical Sciences and Neuroscience, Faculty of Medicine, Shaheed Beheshti University of Medical Sciences, Thran, Iran

► 1990-1993

M.Sc: Anatomical Sciences, Faculty of Medicine, Shaheed Beheshti University of Medical Sciences, Tehran, Iran

► 1985-1989

B.Sc: Occupational Therapy, Faculty of Rehabilitation, Iran University of Medical Sciences, Tehran, Iran

Academic Appointments & Teaching Experience:

Undergraduate Teaching:

- ▶ **Gross Anatomy** (Neuroanatomy, Head & Neck, Trunk & Pelvis, Upper & Lower Limbs, Cross Sectional Anatomy) for Medical, Dental, Rehabilitation, Paramedical & Nursing Students
- ▶ **Histology & Embryology** for Medical students
- ▶ **Rehabilitation courses** (Kinesiology, Muscle Testing and ROM Evaluation) for Physical therapy & Occupational therapy students
- ▶ **General Anatomy:** for Sport Engineering, Nuclear Engineering students

Postgraduate Teaching:

- ▶ **Anatomy** (Head & Neck, Trunk & limbs) for MSc students of Anatomy
- ▶ **Cross Sectional and Clinical Anatomy** for PhD students of Anatomy
- ▶ **Embryology** for Msc students of Anatomy
- ▶ **Surgical & Clinical Anatomy** for PhD students of Anatomy
- ▶ **Neuropsychology and Principles of Neuroscience** for PhD students of Psychology
- ▶ **Histology** for MsC students of Radiobiology
- ▶ **Histopathology and Applied Histopathology** for MSc students of Tissue Engineering

Academic & Executive Responsibilities: (most recent)

- ▶ **2021(June)-2021(Dec)**
 - Director Management of Medical Information & Scientific Resources, IUMS
- ▶ **2017-present**
 - University Presidential Advisor and Director of "University Young Students Advisor", IUMS
- ▶ **2016-present**
 - Mostafa Prize Referee of Islamic Republic of Iran for years of 2015, 2017 & 2019
- ▶ **2015-present**
 - Director of Neuroscience Research Center, Iran University of Medical Sciences
- ▶ **2015- 2018**
 - Director of Student Research & Technology Coordination Center (SRTC), IUMS
- ▶ **2015-2018**
 - Focal Point Director of Tehran University Research Committee Network, Vice Chancellor of Research and Technology, Ministry of Health and Medical Education,
- ▶ **2012 – 2019**
 - Head of Department of Medical Basic Sciences, Faculty of Allied Medicine, IUMS
- ▶ **2011- Present**
 - Editor in Chief of Thritha Journal
- ▶ **2013- Present**
 - Editorial member of International Journal of Clinical
- ▶ **2013- 2015**
 - Editorial member of Archive of Neuroscience Journal by TUMS & SCI Research Center
- ▶ **2010 -2015**
 - Director of Central Library and Medical Informatics Affairs of TUMS

- ▶ **2008 - 2010**
- Director of Central Library and Medical Informatics Affairs, IUMS, Tehran, Iran
- ▶ **2008-2013**
- Member of "Librarian Committee of MOHM", Ministry of Health and Medical Education,
 - ▶ **2008-2010 & 2015- Present**
- Member of University Research Council, IUMS
 - ▶ **2004-2010**
- Co-coordinator and lecturer of "Workshop of Methodology & Scientific Writing", Vice Chancellor of Research, IUMS
 - ▶ **2009**
- Member of Scientific Committee of the 4th Iranian Symposium of Neuropsychology, Tarbiat Moalam University
 - ▶ **2008**
- Coordinator and lecturer of "Workshop of Methodology" Iranian Forensic Medical Organization
 - ▶ **2004- Present**
- Referee for Msc and PhD dissertation defense, IUMS, TUMS, SUMS, GhUMS, KUMS, Islamic AU
 - ▶ **2008**
- Member of Scientific & Organizing Committee of the 5th Asian- Pacific International Congress of Anatomists (APICA) & the 8th Iranian Congress of Anatomical Sciences
 - ▶ **2007-2018**
- Member of Scientific & Organizing Council of "Research Center of Rehabilitation", IUMS
 - ▶ **2007**
- Member of Scientific and Organizing Committee of "Addiction Biology Meeting "IUMS
 - ▶ **2007**
- Member of Scientific & Organizing Committee of "First Iranian Congress of Neuroscience Methodology", IUMS
 - ▶ **2007-2008**
- Member of Nanotechnology Committee, Faculty of Medicine, IUMS
 - ▶ **2006-2008**
- Editorial Board of Journal of Uroomieh University of Medical Sciences
 - ▶ **2006**
- Member of Scientific and Organizing Committee of the 1st Iranian Congress of Trace Elements, IUMS
 - ▶ **2006**
- Member of Scientific Committee of the sixth Scientific Annual Meeting of the Iranian Pain Society, Tehran, Iran 4-5 May 2006
 - ▶ **2005**
- Member of Scientific Committee of 2nd Iranian Radiographic Sciences Association, IUMS
 - ▶ **2005**
- Vice President of "Seminar on Basal Ganglia" IUMS
 - ▶ **2003-2004**
- Director of Embryology subcommittee of Anatomy Department, IUMS, Tehran, Iran
 - ▶ **2003-2007**
- Supervisor of Neuroscience Division & EM laboratory, Cellular & Molecular Research Center, IUMS, Tehran, Iran
 - ▶ **2003**
- Member of scientific board, "Seminar of Anatomical and Clinical Aspects of Cerebral Cortex", IUMS

- ▶ **2002-2010**
- Member of Scientific Board of Cellular & Molecular Research Center, IUMS
- ▶ **2001-2006**
- Vice Chancellor of Research, Faculty of Allied Medicine, IUMS, Tehran, Iran
- ▶ **2001-2007**
- Vice Chancellor of Research, Cellular & Molecular Research Center, IUMS, Tehran, Iran
- ▶ **2000-2001**
- Member of Policy Making Council of Hormozgan University of Medical Sciences
- ▶ **2000-2001**
- Head of Anatomy Department, Faculty of Med, Hormozgan University of Medical Sciences

Professional Membership (Local & International)

- ▶ **Iranian Member** of International Editorial Advisory Board of "Gray's Anatomy for Students" Churchill Livingstone, 1st & 2nd Edition, 2005 & 2010
- ▶ **Iranian Member** of Editorial and Advisory Board of Turkish Journal of Neuroanatomy Published by Hacettepe University (www.neuroanatomy.org), 2005
- ▶ **Iranian Member** of International Editorial Advisory Board of "Atlas of Clinical Gross Anatomy", published by Elsevier, Mosby, 1st & 2nd Edition 2006 & 2013
- ▶ **Editor in Chief, Thrita Journal**, by Kosar Publisher (2010-present)
- ▶ **Editorial Member** "Journal of Archive Neuroscience" by Kosar Pub Co (2013- 2015)
- ▶ **Editorial Member** "ICNS Journal, by Shahiid Beheshti University of Medical Sciences
- ▶ **Member of Anatomical Society of South Africa** (ASSA), South Africa (2001-2003)
- ▶ **Member of International Society for History of Neuroscience**, (ISHN), USA, 2001-2002
- ▶ **Member of Malpighi Academy for the study of Microscopic Anatomy**, Italy (2000-2001)
- ▶ **Member of Iranian Association of Anatomical Sciences** (ISAS), Iran (1996-present)
- ▶ **Member of Iranian Neuroscience Society** (ISN), Iran 2010-present
- ▶ **Member of International Brain Research Organization** (IBRO), 1997-1999.

Research field of Interest:

- ▶ **Basic Neuroscience:** Interaction between sex steroids and nervous system, Sensory Deprivation, Sleep & Biological Rhythms, Neural Tract Tracing, Neuronal Differentiation
- ▶ **Clinical Neurosciences:** Neurodegenerative Diseases (MS, PA, AD), Spinal Cord Injury, Neuropathic Pain, LLLT clinical application, Application of Herbal Med in Neuroscience, Neoplasm in NS (GBM)

Educational & Research Technical Expertise:

- ▶ Different teaching techniques (anatomy, histology & embryology)
- ▶ Human Dissection, Cadaveric Fixation and Plastination
- ▶ Modeling, Surgery and Microsurgery techniques in Rodents
- ▶ Histology preparation, tissue processing and staining
- ▶ Enzyme- and Immunohistochemistry Staining
- ▶ Stereotaxic Surgery
- ▶ Animal Modeling in neuroscience research
- ▶ Routine Nervous Tissue Staining (Nissl, Tyonin, Golgi, Loxol Fast Blue &....)
- ▶ Neural tract Tracing Techniques (HRP, HRP/CTB)
- ▶ Cell culture
- ▶ Western blotting

Research Background (from recent to back)

- ▶ Circadian Rhythm gene clock expression in SCN and Pineal gland
- ▶ Spinal Cord injury in rat model
- ▶ Neurodegenerative disease in rat model
- ▶ Nerve repair and neuroprotection of certain agents
- ▶ Antioxidants therapy in different rat model
- ▶ Neuropathic pain / CCI rat model
- ▶ Application of LLLT in certain intervention in rat model
- ▶ Neurogenesis, memory and learning
- ▶ REM sleep deprivation and Circadian Rhythm
- ▶ Sensory Deprivation (Light deprivation)
- ▶ Sexual dimorphism in NS in different intervention in rat model
- ▶ Application of BNCT in therapy of nervous system tumors in rat model
- ▶ Diabetes Mellitus and nervous system
- ▶ Neural tract tracing with HRP (Topographical neuronal mapping)
- ▶ Neurotoxicity of certain agents in rat model nervous system
- ▶ Anatomical variations

Presentation at Meetings:

INTERNATIONAL

- ▶ **2015 & 2020**
 - Visiting Scientist, Department of Anatomy, UBC, Vancouver, BC, Canada
- ▶ **2015**
 - XXIV International Symposium of Morphological Sciences (ISMS), 2-6 Sep 2015, Istanbul, Turkey, (Oral Presentation)
- ▶ **2011**
 - 1st International Congress on Child and Adolescent Psychology (ICCAP), 27-30 Sep 2011, Shiraz, Iran (Oral Presentation)
- ▶ **2009**
 - 17th Congress of the International Federation of Association of Anatomists (IFAA), 16-19 August 2009, Cape Town, South Africa (Oral Presentation)

- ▶ **2009**
- 3rd Federation of Asian and Oceanian Neuroscience Societies (FAONS) Symposium, 18-20 May 2009, Bangkok, Thailand (Oral Presentation)
- ▶ **2008**
- 5Th Asian-Pacific International Congress of Anatomists, 16-19 May 2008, Tehran, Iran (Oral & Poster presentation)
- ▶ **2007**
- European Retinal Meeting, Oct 3-6, Frankfurt, Germany (Poster Presentation)
- ▶ **2006**
- The 4th Congress of Federation of Asian-Oceania Neuroscience Societies (FAONS), Nov 30- Dec 2, 2006, Hong Kong, (Oral Presentation)
- ▶ **2005**
- XVIII International Symposium of Morphological Sciences, June 5-8. Belgrade, Serbia & Montenegro, (Oral Presentation)
- ▶ **2004**
- 2nd FAONS Symposium and third Iranian Neuroscience Congress, May 17-19, 2004, Tehran, Iran, (Poster Presentation)
- ▶ **2003**
- 5th International Malpighi Symposium, Rome, Italy, Sep 11-14, (Oral Presentation)
- ▶ **2002**
- XVII International Symposium on Morphological Sciences, Timisoara, Romania, 11-15 Sep 2002, (Oral Presentation)
- ▶ **2002**
- The 3rd Federation of Asian-Oceanian Neuroscience Societies Congress, Seoul, Korea. Sep 28th Oct 1st, 2002. (Poster Presentation)
- ▶ **2001**
- African Odyssey, XVI International Symposium on Morphological Sciences, Sun City, South Africa. 22-26 July 2001. (Poster Presentation)
- ▶ **2000**
- Seminar in RIKEN Brain Science Institute invited by Dr, Kathleen Rockland the Head of lab for cortical organization and systematic, Tokyo, Japan. 13 Sep, 2000 (Oral Presentation)
- ▶ **2000**
- 5th International Symposium on Morphological Sciences, Kyoto, Japan, 18-21 Sep 2000 (Oral Presentation)
- ▶ **2000**
- The IV National Congress of Romanian Society of Anatomists & the 1st Congress of the Anatomy Departments of the Medical Union of Balkans and Black Sea Region Countries, Oradea, Romania 2-5 June, 2000 (Oral Presentation)
- ▶ **1999**
- XV Congress of International Federation of Association of Anatomist, Rome, Italy 9-15 Sep 1999. (Oral Presentation)
- ▶ **1998**
- Brisbane '98, Federation of Asian & Oceanian Physiology Society, Australia. 27 Sep-1Oct 1998. (Poster Presentation)

▶ **1997**

- Seminar in Institute for Medical & Dental Engineering invited by Professor Shojiro Inoue, the head of the lab for sleep and sleep disorders, Tokyo Medical & Dental University, Kanda-Surugadai, Tokyo, Japan, 10 Dec 1997, (Oral Presentación)

LOCAL

▶ **Feb 2022**

- Joint Webinar of Neuroscience Research Center and Sport Faculty of Islamic Azad University, Nervous System, Nutrition and Exercise. Crosstalk between female sex steroid hormones and Nervous system. Tehran, Iran

▶ **2019**

- The 8th Basic & Clinical Neuroscience Congress, IUMS, Tehran, Iran 18-20 Dec 2019 (Invited speaker)

▶ **2019**

- The 4th Iranian Congress of Neurorehabilitation, Hamedan University of Medical Sciences, Hamedan , Iran 10-12 Nov 2019 (Invited speaker)

▶ **2018**

- The 13th Iranian Congress on Anatomical Sciences, Hamedan University of Medical Sciences, Hamedan , Iran 25-28 September 2018 (Oral Presentation)

▶ **2018**

- The International Neuroscience Forum (Terotechnology & Brain Mapping). Shiraz University of Medical Sciences, Shiraz, Iran. 24-26 Oct 2018 (oral presentation)

▶ **2016**

- The 12th Iranian Congress on Anatomical Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran 4-6 May 2016 (Oral and Poster Presentation)

▶ **2016**

- 10th Annual International Addiction Sciences Congress, IUMS, Tehran, Iran September 14-16 2016 (Oral Presentation)

▶ **2015**

- 1st National Educational Festival of Anatomical Sciences, TUMS, Tehran, Iran 10, Nov, 2015 (Oral Presentation)

▶ **2014**

- 3rd Basic and Clinical Neuroscience, Tehran, Iran 7-11 Oct 2014 (Oral Presentation)

▶ **2014**

- 19th Congress of Occupational Therapy, Tehran, Iran 11-14 Nov 2014 (Oral Presentation)

▶ **2013**

- Basic and Clinical 2nd Neuroscience Congress, Tehran, Iran, 18-23 December (Poster presentation)

▶ **2012**

- Basic and Clinical Neuroscience Congress, IUMS, Tehran, Iran, 7-9 Nov, (Oral & Poster Presentation)

▶ **2012**

- 10th Iranian Congress of Anatomical Sciences, Rasht UMS, Rasht, Gilan, Iran, 1-5 May 2012 (Oral & Poster Presentation)

- ▶ **2011**
- 5th Iranian Symposium of Neuropsychology, Tehran, Iran 16-17 Dec 2011 (Oral Presentation)
- ▶ **2011**
- National Congress of Neuroscience, Gorgan University of Medical Sciences, Gorgan, Iran 16-18 Feb, 2011 (Oral & Poster Presentation)
- ▶ **2010**
- 1st International Congress of Regional Anesthesia and Pain Intervention and 3rd Annual Congress of Iranian Society of Regional Anesthesia and Pain Medicine, Tehran, Iran, 15-17 Sep. 2010 (Poster Presentation)
- ▶ **2008**
- 8th Iranian Congress of Anatomical Sciences, IUMS, Tehran, Iran 16-19 May 2008 (Oral & Poster Presentation)
- ▶ **2007**
- Addiction Biology Meeting, IUMS, Tehran, Iran 24-25 June 2007 (Oral Presentation)
- ▶ **2007**
- 1st Iranian Congress of Neuroscience Methodology, IUMS, Tehran, Iran, 25-27 April 2007 (Oral Presentation)
- ▶ **2006**
- 1st Iranian Congress of Trace Elements, IUMS, Tehran, Iran 11-12 Nov 2006 (Oral Presentation)
- ▶ **2006**
- 7th Iranian Congress of Anatomical Sciences, Kashan University of Medical Sciences, Kashan, Iran 10-12 May 2006 (Oral Presentation)
- ▶ **2005**
- 20th Congress of Iranian Society of Radiology, IUMS, Tehran, Iran 28-30 Jan 2005 (Oral Presentation)
- ▶ **2005**
- Seminar on Basal Ganglia", IUMS, Tehran, Iran 26- 27 Feb 2005 (Oral Presentation)
- ▶ **2004**
- 6th Iranian Congress of Anatomical Sciences (ICAS), Shiraz, Iran, 4-7 May 2004 (Oral & Poster Presentation)
- ▶ **2004**
- 3rd Iranian Congress of Spinal Cord Injuries, University of Social Welfare and Rehabilitation Sciences, Tehran, Iran 24-25 Feb 2004. (Oral Presentation)
- ▶ **2003**
- Seminar of Anatomical and Clinical Aspects of Cerebral Cortex, IUMS, Tehran, Iran 26-27 Feb 2003 (Oral Presentation)
- ▶ **2002**
- 1st National Conference on Application of LASERS in Medicine & Biomedical Engineering, Amir Kabir University of Technology, Tehran, Iran, 1-3 May, 2002. (Oral Presentation)
- ▶ **2001**
- 5th International Congress of Anatomical Sciences, TUMS, Tehran, Iran 13-16 Nov 2001. (Oral Presentation)

- ▶ **2001**
- 8th International Neurology and Electrophysiology Congress in Iran, Tehran, Iran, 29-31 May 2001. (Oral Presentation)
- ▶ **2001**
- 8th Iranian Congress of Occupational Therapy, University of Social Welfare and Rehabilitation Sciences, Tehran, Iran, April 2001. (Oral Presentation)
- ▶ **2000**
- 7th Iranian Congress of Occupational Therapy, University of Social Welfare & Rehabilitation Sciences, Tehran, Iran, April 2000. (Oral Presentation)
- ▶ **1999**
- 4th Iranian Congress of Anatomical Sciences, IUMS, Tehran, Iran. 2-5 Nov 1999 (Oral Présentation)
- ▶ **1999**
- 14th Iranian Congress of Physiology & Pharmacology, TUMS, Tehran, Iran 16-20 May 1999. (Oral Presentation)
- ▶ **1999**
- 4th Iranian Congress of Stress, IUMS, Tehran, Iran 15-18 June 1999. (Oral Presentation)
- ▶ **1998**
- 6th Iranian Congress of Occupational Therapy, University of Social Welfare & Rehabilitation Sciences, Tehran, Iran April 1999 (Oral Presentation)
- ▶ **1998**
- 2nd Laser Conference in Engineering & Medicine, Azad Islamic University, Tehran, Iran. (Oral Presentation)
- ▶ **1998**
- 9th Iranian Congress of Physical Therapy, University of Social Welfare & Rehabilitation Sciences, Tehran, Iran, 11-13 May, 1998. (Oral Presentation)
- ▶ **1997**
- 13th Iranian Congress of Physiology and Pharmacology, EUMS, Esphahan, Iran 26-29 Aug1997 (Poster Presentation)
- ▶ **1996**
- 1st Iranian Congress of Neuroscience, Shaheed Beheshti University of Medical Sciences, Tehran, Iran 28-30 Nov 1996. (Poster presentation)
- ▶ **1994**
- 1st Iranian Seminar on Anatomical & Clinical Approach of the Cranial Nerves, IUMS, Tehran, Iran 24-26 May 1994(Oral Presentation)
- ▶ **1992**
- 1st Iranian Congress of Rehabilitation Sciences, IUMS, Tehran, Iran, Déc.1993(Oral Présentation)

Invited Lectures, Seminars, Workshops & Referees

- ▶ **2021**, Keynote speaker, Sharif University Interdisciplinary School Webinar, Neurobiology of Free will, June 2021, Tehran
- ▶ **2020**, Keynote speaker, USERN webinar, Critical Thinking and Neuroscience. Dec 2021, Tehran

- ▶ **2020**, Keynote speaker, USERN Research School webinar, Research Methodology and Scientific Writing, Oct 2020, Tehran
- ▶ **2020**, Keynote speaker, AVECINET Research Workshop webinar, Research Methodology and article writing, Oct 2020, Tehran
- ▶ **2019**, Keynote speaker. Sensory-Driven Neuroplasticity: Neuroscience Evidences for Sensory-Motor Based Occupational Therapy. 23th Congress of Iranian Occupational Therapy, Shahid Beheshti University of Medical Sciences, Tehran, Iran 2-4 Jan 2019
- ▶ **2019**, Keynote speaker Sharif University Interdisciplinary School Webinar, Neurobiology of Learning and Memory, Sept 2021, Tehran
- ▶ **2019**, Keynote speaker Sharif University Interdisciplinary School Webinar, Introduction to Neuroanatomy and Neuroembryology, Oct 2019, Tehran
- ▶ **2018**, Invited speaker, Connectomes. The International Neuroscience Forum (Terotechnology & Brain Mapping). Shiraz University of Medical Sciences, Shiraz, Iran. 24-26 Oct 2018
- ▶ **2018**, Panelist keynote speaker, Panel on Neuroethics and Neuroscience Education. The International Neuroscience Forum (Terotechnology & Brain Mapping) . Shiraz University of Medical Sciences, Shiraz, Iran. 24-26 Oct 2018
- ▶ **2016**, Invited Member of Scientific Committee in 12th Iranian Congress on Anatomical Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran, 4-6 May 2016
- ▶ **2015**, Invited panel member and VIP presenter of 20th Iranian Congress of Occupational Therapy, Tehran, Iran 27-29 Oct 2015
- ▶ **2015**, Invited coordinator panel member of 8th International Association of Neuroestoratology and 12th GCNN Congress, Tehran, Iran 27-29 April 2015
- ▶ **2014**, Invited speaker and coordinator of Neuroethics Panel, 3rd Basic and Clinical Neuroscience, Tehran, Iran 7-11 Oct 2014
- ▶ **2013-2020**, Invited external Referee of PhD and Msc dissertation, Department of Anatomy, TUMS, Tehran, Iran 2013-2019
- ▶ **2010**, Invited lecturer : Scientific Writing Workshop, National Institute of Genetic Engineering and Biotechnology Tehran, Iran 28 Dec, 2010
- ▶ **2007-Present**, Invited referee of Iranian Journal of Medical Sciences (IJMS), Shiraz University of Medical Sciences, Shiraz, Iran (2007-Present)
- ▶ **2005-present**, Invited referee of Journal of Iran University of Medical Sciences. IUMS, Iran(2005-Present)
- ▶ **2008**, Invited Simultaneous translator; Advances in Forensic Anthropology, Archeology and Genetics Course, Legal Medicine Organization of IR of Iran & ICRC, Tehran, Iran, 9-11 November 2008
- ▶ **2007**, Invited speaker; 4th local Congress of Iranian Technical Radiological Sciences by Iranian Radiological Society, Tehran, Iran 18 January, 2007
- ▶ **2004**, Invited speaker 10th Iranian Congress of Occupational Therapy, IUMS, 2-3 Oct 2004, Tehran, Iran
- ▶ **2003**, Invited speaker Seminar of Anatomical and Clinical Aspects of Cerebral Cortex, IUMS, Tehran, Iran, 26-27 February, 2003
- ▶ **2002**, Invited lecturer; Neuroscience Short Course for occupational therapists, University of Social Welfare and Rehabilitation Sciences, Sep 6-11, 2002, Tehran, Iran

- ▶ **1999**, Invited referee; Thesis Committee, Department of Physiology, Faculty of Science, Shaheed Beheshti University, Tehran, Iran (June 1999)
- ▶ **1999**, Invited referee; External referee of thesis Committee, Department of Biomechanical Engineering , Faculty of Mechanics, Azad Islamic University, Tehran, Iran, (Oct 1999)
- ▶ **1999-2001**, Invited referee: Thesis Committee for M,Sc & Ph.D students , Department of Physiology, Faculty of Medicine, Shaheed Beheshti University of Medical Sciences, Tehran, Iran.
- ▶ **1997**, Invited speaker; 2nd Department of Oral Anatomy, School of Dentistry, Osaka University, Osaka, Japan (1997 Visiting Scientist Researcher)
- ▶ **1997**, 52nd Tyugoka-Shikoku Local Congress of Japanese Association of Anatomists. Department of Anatomy, Kagawa Medical University, Kagawa, Japan 1997

Scholarships & Grants

- ▶ **1997-1998**
- Research Scholarship, by the Ministry of Health and Medical Education, of Islamic Republic of Iran
- ▶ **1997-1998**
- Research Scholarship by Setsuo Memorial, the Osaka Foundation for Promotion of Fundamental Medical Research, Japan

Awards

- ▶ **2008**
- **Selected as the "Superior Author"** of Iran University of Medical Sciences, by Vice Chancellor of Research, Iran University of Medical Sciences, Tehran, Iran, Dec 2008
- ▶ **2007**
- **Selected as the "Superior Referee"** of research proposal & scientific articles by Vice Chancellor of Research, Iran University of Medical Sciences, Tehran, Iran, Dec 2007
- ▶ **2004**
- **Selected as the "Youngest Top Researcher"** by Vice Chancellor of Research, Iran University of Medical Sciences, Tehran, Iran 7 Jan, 2004

Workshops

- ▶ **2020**
- Sharif University Interdisciplinary School webinar workshop, Introduction to Neuroanatomy, June 2020 Tehran
- ▶ **2020**
- USERN Research School webinar, Research Methodology and Scientific Writing, Oct 2020, Tehran
- ▶ **2020**
- AVECINET Research Workshop webinar, Research Methodology and article writing, Oct 2020, Tehran

- ▶ **2017**
- Carboxy application in nerve repair workshop by Neuroscience Research Center and Ronak Med Co, Iran University of Medical Sciences, July 2017
- ▶ **2015**
- "Application of NEURON software" workshop, Neuroscience Research Center, Iran University of Medical Sciences, Dec 2015
- ▶ **2009**
- National Workshop on Empowered Faculty, Educational Development Center, Shiraz University of Medical Sciences, Shiraz, Iran, 10-12 March 2009.
- ▶ **2006**
- Workshop on "Specific Ethic Codes in Research" Ministry of Health & Medical Education, Tehran, Iran 15-16 Nov 2006.
- ▶ **2006**
- Workshop "Calibration of Transmission Electron Microscopy", Iranian Nano Network, Tehran, Iran 17-18 Jan 2006
- ▶ **2006,**
- Workshop on "Sperm Preparation Workshop" Avesina Research Center, Tehran, Iran, 9 Mar 2006.
- ▶ **2005**
- Workshop on "Advanced Scientific Writing" TUMS, Tehran, Iran, 19 Nov, 2005
- ▶ **2005**
- Workshop on Citation Manager, National Center for Medical Research, Tehran, Iran 9-13 July 2005.
- ▶ **2005**
- Iran & Swiss Laser Microdissection Workshop, by Cancer Research Center of Cancer Institute of Iran of TUMS & Swiss MMI Company, 25-26 June 2005
- ▶ **2005**
- Iran & Russia Nanotechnology workshop, Vice Chancellor of Research of The Ministry of Medical Health and Education, Tehran, Iran 28-30 May 2005
- ▶ **2005**
- Medical Bioinformatics workshop, Pasture Institute and Iran Molecular Medicine Network, Tehran, Iran 5-7 Oct 2004
- ▶ **2004**
- Reference Management workshop, Vice Chancellor of Research, IUMS, Tehran, Iran 6-7 Jan 2004.
- ▶ **2003**
- WHO/EMRO National Training Course to Raise Standards of Research Proposal and Scientific Reports by developing the Skills of Health Researchers in Iran, Tehran, Iran, TUMS, 13-15 Dec 2003
- ▶ **2003**
- Article Writing workshop, Vice Chancellor of Research, IUMS, Tehran, Iran, 25-26 Oct 2003.
- ▶ **2003**
- Workshop on Electronic Coding, Medical Databases Research and Computer in Medical Science Research, National Research Center of Medical Sciences, Tehran, Iran. 2-3 Feb 2003

► **2003**

- Research Methodology workshop, Vice Chancellor of Research, IUMS, Tehran, Iran, 1-6 Feb 2003

► **2002**

- Advanced SPSS workshop, Vice Chancellor of Research, IUMS, Tehran, Iran. 18-19 Oct 2002.

Publications

PAPERS:

1. **Jameie SB**, Kazemian A, Sanadgol Z, Asadzadeh S, Jameie MS, Farhadi M. Coenzyme Q10 reduces expression of apoptic markers in adult rat nucleus accumbens dopaminergic neurons treated with methamphetamine. *Molecular Biology Reports*. **16 Jan 2022**
2. Gazmeh S, Azhir M, Elyasi L, Jahanshahi M, Nikmahzar E, **Jameie SB**. Apelin-13 protects against memory impairment and neuronal loss induced by scopolamine in male rats. *Metabolic Brain Disease*. 4 Jan **2022**
3. Zirak A, **Jameie SB**, Soleimani M, Abdollahifar MA, Fadaei Fathabadi F, Hassanzadeh S, Esmailzadeh E, Farjo MH, Norouzian M. Related Fluoxetine and Methylprednisolone changes of TNF- α and IL-6 expression in hypothyroidism rat model of spinal cord injury. Accepted by *Yakhteh* "Volume 24, Number 1, **2022**, Serial Number: 85"
4. Mesgar S, **Jameie SB**, Aliaghaei A, Parvardeh, S, Torabi A, Haghparast A. Dopamine D1 receptor-mediated regulation of Per1, Per2, CLOCK, and BMAL1 expression in the suprachiasmatic nucleus in adult male rats. *J Mol Neuroscience*. **2021 Nov 9**
5. Hassanzadeh S, Jalesi M, **Jameie SB**, Khanmohamadi M, Bagher Z, Namjoo Z, Davach SM. More attention on glial cells to have better recovery after spinal cord injury. *Biochemistry and Biophysics Reports*, **2021 (25)**
6. Abaei A, Nourshahi M, Fani M, Entezari Z, **Jameie SB**, Haghparast A. The effectiveness of continuous and interval exercise preconditioning against chronic unpredictable stress: Involvement of hippocampal PGC-1 α /FNDC5/BDNF pathway. *Journal of Psychiatric Research*. **2021**(136); 173-183
7. Khodaverdiloo A, Farhadi M, Jameie Melika, **Jameie SB**, Pirhajati V. Neurogenesis in the rat neonate's hippocampus with short-term REM sleep deprivation restores by royal jelly treatment. *Brain and Behavior*. **2021** (Oct); 1-9

8. Shakouri E, Azarbayjani MA, **Jameie SB**, Peeri M, Farhadi M. Berberin supplement and resistance training may ameliorate diazinon induced neural toxicity in rat hippocampus via the activation of the TrKB and ERK signaling pathway. *Int Clin Neurosc J*. **2021**, winter ;8(1);14-21
9. Sphandiari A, Azarbayjani MA, Meeri M, **Jameie SB**. The effects of resistance training and berberin chloride on the apoptosis-related unfolded protein response signaling pathway in the hippocampus of diazinon-poisoned rats. *Basic and Clinical Neuroscience*. **2021**, June 12(3): 373-383
10. Mirae S, Farhadi M, **Jameie SB**, Najafi Sh. The protective effects of apigenin on OLN-93 cellular model of cerebral cortex. *Physiology and Pharmacology*. **2021**(25): 270-278
11. Bakhshizadeh H, Darharaji M, Feyzi Y, Babaei Sh, Ahadi R, **Jameie SB**, Pourhamzeh M, Daneshi A, Arezoomandan R. The relationship between brain metabolites alterations and neuropsychological deficits in patients with methamphetamine disorders: a proton magnetic resonance spectroscopy study. *Archives of Clinical Neuropsychology*. **2021**; 1-13
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How do you teach Anatomy? I use my own method. I am also using internet and modern electronic media and Web based teaching. What is your method?
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20. **Jameie SB**. Brain Based Occupational Therapy; New Concepts in Rehabilitation. Abstract book of 19th Congress of Occupational Therapy, Tehran, Iran 11-14 Nov **2014**
21. Bagherimofidi SM, **Jameie SB** & Pouladian M. Effects of 17- β estradiol on neurogenesis in dentate gyrus of hippocampus in ovariectomized rat. Abstract book of Basic and Clinical 2nd Neuroscience Congress 18-20 Dec, **2013**
22. Masoumpoor M , **Jameie SB**, Janzadeh A, Nasirnezhad F, Kerdari M & Soelimani Mar. Effects of 660 and 980 nm low level laser therapy on neuropathic pain relief following chronic constriction injury in rat sciatic nerve. Abstract book of Basic and Clinical 2nd Neuroscience Congress 18-20 Dec, **2013**
23. **Jameie SB**, Abdolrahmani M, Janzadeh A, Kerdari M, Soleimani Mar & Hassanzadeh S. Light dependent retinal mechanisms induces synaptic plasticity in SCN and DLGN nuclei in light deprived rat neonates: An electron & light microscopy. Abstract book of Basic and Clinical Neuroscience Congress, 7-9 Nov **2012**
24. Masumi M, Janzadeh A, Sadegh M, Abian N, Kerdari M, Nasirnezhad F & **Jameie SB**. Comparative study of therapeutic effects of low power laser with CoQ10 on the sciatic nerve repair following CCI in adult male rat. Abstract book of Basic and Clinical Neuroscience Congress, 7-9 Nov **2012**

25. **Jameie SB**, Neuroethics; neuroscience for ethics or ethics for neuroscience, Neuroscientists Responsibility for 3rd Millinium , Abstract book of Basic and Clinical Neuroscience Congress, 7-9 Nov **2012**
26. **Jameie SB**, Janzadeh A, Kerdari M, Soleimani Mar & Hassanzadeh. Localization and topographical mapping of the motoneurons supplying agonist and antagonist adult rat shoulder muscles: An HRP study. Abstract book of Basic and Clinical Neuroscience Congress, 7-9 Nov **2012**
27. **Jameie SB**. Brain Neuroplasticity in Health and Disease; Ontogenetically Approach. Abstract book of The 5th Iranian Symposium of Neuropsychology 16-17 **Dec 2011**
28. **Jameie SB**. Brain ontogeny: Neuroplasticity and myelination in health and disease. Abstract book of International Congress on Child and Adolescent Psychology. 27-30 Sep **2011**
29. **Jameie SB**, Abdolrahmani M & Nobakht M. Study of the effects of Total Light Deprivation on Dorsal Lateral Geniculate Nucleus (DLGN) of Neonate Rats. Abstract Book of National Congress of Neuroscience, Gorgan, Iran 16-19 Feb, **2011**
30. **Jameie SB**, Mehednergadiany SH., Nobakht M., Janzadeh A & Kerdari M. Study of the effects of female gonadal steroids on hippocampal neurogenesis of induced diabetic adult female rats. Abstract Book of National Congress of Neuroscience, Gorgan, Iran 16-19 Feb, **2011**
31. **Jameie SB**, Goodarzi S, Baghban Khojasteh N & Pazirandeh A. Study of B¹⁰ distribution in different regions of adult rat's brain: a BNCT approach to cancer treatment. Abstract Book of 14th ICNCT, Buenos Aires, Argentina 25-29 Oct. **2010**
32. Janzadeh A, Nasirinezhad F, & **Jameie SB**. Effects of CoQ10 on rat neuropathic pain model: Behavioral and histological study. Abstract Book of 1st International Congress of Regional Anesthesia and Pain Intervention and 3rd Annual Congress of Iranian Society of Regional Anesthesia and Pain Medicine, Tehran, Iran, 15-17 Sep. **2010**
33. **Jameie SB** & Joghataei MT. Protective effects of sexual steroid hormones in animal model of Parkinson's disease: an immunohistochemical study. Abstract book of 17th Congress of the International Federation of Association of Anatomists (IFAA), 16- 19 August **2009**, Cape Town, South Africa
34. **Jameie SB** & Joghataei MT. Protective effects of sexual steroid hormones in animal model of Parkinson's disease: an immunohistochemical study. Abstract book of the 5th APICA, Tehran, Iran 16-19 May **2008**.
35. Aboolrahmani M, **Jameie SB** & Nobakht M. Study of the effects of total light deprivation on dorsal lateral geniculate nucleus of male neonate rats. Abstract book of the 5th APICA, Tehran, Iran 16-19 May **2008**.
36. Seghatoleslam M & **Jameie SB**. Study of the simultaneous effects of N-nitro-L-arginine methylester (L-NAME) and L-arginin on pyloric sphincter in rat embryo. Abstract book of the 5th APICA, Tehran, Iran 16-19 May **2008**.
37. Zendejdel A, Hassanzade GhR, **Jameie SB** & Akbari M. Study of the effect of diabetes on median and dorsal raphe nucleus efferents to CA3 of adult rat hippocampus. Abstract book of the 5th APICA, Tehran, Iran 16-19 May **2008**

38. **Jameie SB** & Tabatabai P. Study of the effects of ovarian steroid deprivation on synaptic density of the neurons of adult rat dorsal raphe nucleus: an electron microscopic study. Abstract book of the 5th APICA, Tehran, Iran 16-19 May **2008**
39. Kellarstaghly H & **Jameie SB**. Sexual dimorphism of the adult rat trigeminal motor nucleus. Abstract book of the 5th APICA, Tehran, Iran 16-19 May **2008**
40. **Jameie SB** & Elyasi L. Denderitic spines in health and disease. A new approach to mental retardation. Abstract book of the 5th APICA, Tehran, Iran 16-19 May 2008
41. **Jameie SB**, Abdolrahmani M, Roozdar B & Tabatabai P. Retinal mechanism induces synaptic plasticity in SCN of light deprived rat neonates. An electron microscopic study. Abstract book of the 5th APICA, Tehran, Iran 16-19 May **2008**
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43. **Jameie SB**. Neuroanatomical basis of addiction. Abstract book of "Addiction Biology Meeting" Tehran, Iran, 24-25, June **2007**
44. **Jameie SB**, Nobakht M, Abdolrahmani M, Roozdar B & Tabatabaei P. Retinal mechanisms induce synaptic plasticity in SCN and DLGN nuclei in light deprived rat neonates: An electron & light microscopic analysis. Abstract book of the European Retina Meeting, Frankfurt, Germany, 3-6 Oct **2007**
45. **Jameie SB**, Immunohistochemistry application in neuroscience research. Abstract book of the st Iranian Congress of Neuroscience Methodology, Tehran, Iran, 25-27 April **2007**
46. **Jameie SB**, Taghavi S & Molajani R. Study of the Effects of Sensory stimulation and Motor Exercise on Hand skills in Educable Mental Restarted Children. Abstract book of 12th Iranian Congress of Occupational Therapy, Tehran, Iran, 2-3 Jan **2007**
47. **Jameie SB**, Roozdar B & Abootorabi B. Testisectomy induces reversible morphometric changes in the adult rat trigeminal motor nucleus. Abstract book of the 4th Congress of Federation of Asian-Oceanian Neuroscience Societies, Nov 30-Dec 2 (**2006**), Hong Kong
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50. Najafzadeh N, Nobakhat M, **Jameie SB**, Rastegar T, Tabatabaie P, Effects of tamoxifen on CA1 pyramidal cells in prenatal and postnatal rat hippocampus. Abstract book of the 7th Iranian Congress of Anatomical Sciences, Kashan, Iran 10-12 May **2006**
51. Nobakhat M, Najafzade N, & **Jameie SB**. Effetcts of Tamoxifen on Morphological and Ultrastrutural Aspects in developing hippocampus of rat. Abstract book of 7th Congress of the European Association for Clinical Pharmacology and Therapeutics, Poznan, Poland 25-29 June **2005**

52. **Jameie SB**, Shariati T, Kelarestaghy H, Roozdar B & Abootorabi A. Study of sexual dimorphism and the effects of testisectomy on morphometric parameters of the rat trigeminal motor nucleus. Abstract book of XVIII of ISMS, Belgrade, Serbian 5-8 June **2005**
53. **Jameie SB**, Rahbar NA & Sadeghy Y, Study of Anatomical Variation of human Willis Circle throughout cerebral Angiography, Abstract book of 20th Congress of Iranian Society of Radiology, 28-30 Jan **2005**
54. **Jameie SB**. Basal Ganglia and Motor Development. Abstract book of the "Seminar on Basal Ganglia" 26-27 March **2005**
55. Shams A, **Jameie SB**, Al-Taraihi TM, Rezazadeh M, Nazarpour S & Siadati A. Morphological changes of lumbar spinal neurons after sciatic nerve transaction in neonate rats. Abstract Book of 2nd FAONS Symposium and 3rd Iranian Neuroscience Congress, 17-19 May **2004**, Tehran, Iran
56. Seghatoleslam M, Shariati T, **Jameie SB**. Study of the effects of L-NAME on circular muscle of Pylor in rat embryo. Abstract Book of 6th Iranian Congress of Anatomical Sciences, 4-7 May **2004**, Shiraz Iran
57. Shariati T, Seghatoleslam M, **Jameie SB**. Study of the effects Nitric Oxide (NO) on intrauterine development of lower limb in rat embryo. Abstract Book of 6th Iranian Congress of Anatomical Sep **2004**
58. **Jameie SB**, Shahnam A & Joghataee MT. Sexual Dimorphism in adult rat median raphe nucleus. Abstract Book of 6th Iranian Congress of Anatomical Sciences, 4-7 May **2004**, Shiraz, Iran
59. **Jameie SB** & Behzadi G. Tyrosin hydroxylase immunoreactive neurons in the rat dorsal raphe nucleus: A morphological and topographical immunohistochemistry study. Abstract Book of 6th Iranian Congress of Anatomical Sciences, 4-7 May **2004**, Shiraz Iran
60. **Jameie SB**, Shahnam A & Joghataee MT. Sexual dimorphism in number and proportion of neurons in the adult rat median raphe nucleus. Abstract Book of the 5th International Malpighi Symposium, 11-14 Sep, **2003**. Rome, Italy.
61. **Jameie, B.** Salajegheh, M & Sardary D. Effects of Low Power He-Ne LASER on Repairing Process of the Rat Crushed Sciatic Nerve. Abstract book of the 1st national conference on application of lasers in medicine and biomedical engineering **2003**
62. **Jameie SB**, Matsumoto H & Kitamura S. An HRP study of localization and topographical mapping of the motoneurons supplying the rat serratus anterior muscle. Abstract Book of XVII International Symposium on Morphological Sciences, 11-15 Sep, **2002**. Timisora, Romania
63. Froohi, A & **Jameie B.** A comparative study of the views held by Galenus versus those held by Islamic (Iranian) physicians toward neurosciences. Abstract book of 7th Annual Meeting of International Society of History of Neuroscience UCLA, California, **USA 2002**
64. **Jameie, B.**, Behzadi, G., & Noyan, MH. Ovariectomy influences the dendritic spine density of the dorsal raphe neurons in the adult female rat. Abstract Book of the 5th International Congress of Anatomical Sciences, Tehran, Iran, 13-16 Nov/ **2001**

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68. **Jameie, B.,** & Behzadi, G., & Noyan, MH. Effects of REM sleep deprivation on the acetylcholine esterase activity of the rat dorsal raphe nucleus, an enzyme histochemistry. Abstract book of the XVI International Symposium on Morphological Sciences, Sun City, South Africa (22-26 July/**2001**)
69. **Jameie, B.,** Matsumoto, H., & Kitamura, S. Study of the Localization and Topographical Mapping of the Motoneurons Supplying the Rat Scapular Muscles by means of HRP. Abstract Book of the 4th Iranian Congress of Anatomical Sciences (Nov, **1999**)
70. **Jameie, B.,** Matsumoto, H., & Kitamura, S. Topographical Organization of Motoneurons to Serratus Anterior Muscle in the rat cervical spinal cord by means of HRP. Abstract Book of the 9th Iranian Congress of Physical Therapy (April, **1998**).
71. **Jameie, B.,** Behzadi, G., Noyan, M., & Sadeghy, Y. Effects of REM-Sleep Deprivation on Tyrosin Hydroxylase activity of the rat Dorsal Raphe Nucleus. Abstract Book of the 4th Iranian Congress of Stress, Iran University of Medical Sciences, Tehran, Iran (15-18 June, **1999**)

EDUCATIONAL PAMPHLETS:

- ▶ Peripheral nerve injuries of the upper & lower limbs. Oct **1986**.
- ▶ Scoliosis & Rehabilitation. Dec **1988**.
- ▶ Cerebral vascular disorders & Rehabilitation. April **1989**.
- ▶ Head injuries and Rehabilitation. Oct **1989**.
- ▶ Exercise therapy in Amputation. Sep **1991**.
- ▶ Multiple Sclerosis & Rehabilitation. Aug **1991**.
- ▶ Spinal cord injuries & rehabilitation. Aug **1991**.
- ▶ Upper motor neuron disease. Jul **1991**.
- ▶ Low Back Pain & rehabilitation. Aug **1991**.
- ▶ Total Hip Replacement & Rehabilitation. Sep **1991**.
- ▶ Burns & Rehabilitation. Sep **1991**.
- ▶ Cancer & Rehabilitation. Sep **1991**.
- ▶ Kinesiology. Nov **1991**.
- ▶ Surgical Anatomy of the hand, May **1991**.
- ▶ Vascular Anatomy of the brain. June **1991**.
- ▶ Functional & Surgical anatomy of the hand. June **1999**.

Books (Translation to Farsi/ Written)

1. Functional Neuroanatomy, Translation to Farsi by EbneSina Publishing Co, **ISBN: 978-600-6889-81-0** (2021/Bahman 1399) Jameie et al
2. Before We are born Essentials of Embryology and Birth defects, translation to Persian by Sobhan Publishing Co, **ISBN 978-600-6531-39-7**
3. Gray 's Anatomy for Students 2020, Head & Neck, translation in Persian by Jameie et al. Published by Ebne Sina Publishing Co, **ISBN 978-964-7150**
4. Gray 's Anatomy for Students 2020, Limbs, translation in Persian by Jameie et al. Published by Ebne Sina Publishing Co, **ISBN 978-964-7150**
5. Gray 's Anatomy for Students 2020, Trunk, translation in Persian by Jameie et al. Published by Ebne Sina Publishing Co, **ISBN 978-964-7150**
6. Gray 's Anatomy for Students 2015, Head & Neck, translation in Persian by Jameie et al. Published by Ebne Sina Publishing Co, **ISBN 978-964-7150-79-8**
7. Gray 's Anatomy for Students 2015, Limbs, translation in Persian by Jameie et al. Published by Ebne Sina Publishing Co, **ISBN 978-964-7150-76-7**
8. Gray 's Anatomy for Students 2015, Trunk, translation in Persian by Jameie et al. Published by Ebne Sina Publishing Co, **ISBN 978-964-7150-74-3**
9. Essentials of Embryology and Birth Defects (Keith Moore) translation in Persian by Jameie et al, Published by Sobhan Publisher Co, **ISBN: 978-600-6531-39-7**
10. Langman's Medical Embryology (Translation in Persian) by Jameie et al . Published by Arjamand Publisher Co, 2012 **ISBN: 978-964-496-295-0**
11. Cross Sectional & Longitudinal Anatomy (in Persian). Authors: Jameie SB & Shamshirband H. Published by Eben Sina Publisher. 2011, **ISBN: 978-600-92363-5-0**
12. 3D angiography atlas (Anatomy and Pathology) in Persian. Authors: Jameie SB & Shamshirband H. Published by Artin Teb Co 2011 **ISBN: 978-964-8443-34-9**
13. Clinical Applied Anatomy for Medical Imaging Field (in Persian), Published by Tehran University of Medical Sciences. 1st Ed, **2011, ISBN: 978-964-2787-41-8**
14. Cross Sectional Human- Anatomy (Translation, in Persian). Published by Khosravi Publication Co. 2nd Ed, **ISBN: 964-8565-45-7 2011 (1389)**
15. Cross Sectional Human- Anatomy (Translation, in Persian). Published by Khosravi Publication Co. **1st Ed, ISBN: 964-8565-45-7 2007**
16. Pocket Atlas of Human Anatomy (Translation in Persian). Published by Khosravi Publication Co. 1st Ed, **2010 ISBN: 978-964-8565-87-4**
17. Gray's Anatomy for students Vol 1 (Translation in Persian). Published by Abnus Publication Co. **ISBN: 978-600-5523-30-0, 2010**
18. Gray's Anatomy for students Vol 2 (translation). Published by Abnus Publication Co. **ISBN: 978-600-5523-33-1 , 2010**
19. Gray's Anatomy for students Vol 3 (translation). Published by Abnus Publication Co. **ISBN: 978-600-5523-32-4 , 2010**
20. Gray's Anatomy for students Vol 1 (Translation in Persian). Published by Abnus Publication Co. **ISBN: 964-6334-24-5, 2006**
21. Gray's Anatomy for students Vol 2 (translation). Published by Abnus Publication Co. **ISBN: 964-2515-15-6, 2006**

22. Gray's Anatomy for students Vol 3 (translation). Published by Abnus Publication Co. **ISBN: 964-2515-15-6, 2006**
23. Clinical and Applied Anatomy for Rehabilitation Students (Written in Persian) Published by Iran University of Medical Sciences, Vice Chancellor of Research, **ISBN: 964-6473-88-1 2005-2006** (Selected as the top book in IUMS/2006)
24. Gray's Anatomy for Medical Students, 1st Edition 2005, Elsevier, Churchill Livingstone, **Iranian Member of International Advisory Board**
25. Atlas of Clinical Gross Anatomy, 1st Edition 2006, Elsevier, Mosby, **Iranian Member of International Advisory Board**
26. Neurophysiology and Neuroanatomy Applied to Rehabilitation (Written in Persian), Published by Iran University of Medical Sciences **Nov 1991**

Ongoing research/ Dissertations (PhD, MSc, MD students from recent to back)

- ▶ **2018-2020**, 2nd advisor of PhD thesis of History of Science "The methodology of anatomy in Mansur b. Muhammad b. Ahmad Shirazi's Tashreeh-ul-abdan" Institute of Human Sciences, Tehran, Iran
- ▶ **2021-present**: 2nd advisor of PhD thesis of Sport Physiology. "The comparison of the effect of 6 weeks of HIIT and MICT training with CoQ10 supplementation on the expression of p53, TERT genes and antioxidant level in the heart tissue of the elderly wistar rats". (Rajaei U, Tehran, Iran).
- ▶ **2021-present**: 2nd supervisor of PhD thesis of Analytical Chemistry. Design nano-biosensor based on grapheme quantum dots (GQDs) for Beta-amyloid diagnosis in the rat Alzheimer's induced model. (Elm-Sanat U, Tehran, Iran)
- ▶ **2019-present**: 1st advisor of PhD thesis of Tissue Engineering. "Study of the effects of exosomes containing temozolamid and quercetin conjugated with folic acid on survival and proliferation of glioblastoma U87-MG cell line and astrocyte 1321 N1 and expression of apoptotic genes p53 and Caspase 3" (Islamic AU, Tehran Markaz)
- ▶ **2019-present**, 2nd advisor of PhD thesis of Medical Radiation Eng. "The assessment of low level laser effects on controlling pain and improving the life quality of the suffering individuals after lumbar spine surgery". Islamic Azad University, Tehran Markaz.
- ▶ **2018-present**, 1st supervisor of MSc thesis of Tissue Engineering, "The effect of fibroelectrospin derived from polyvinyl alcohol and gelatin containing methylprednisolone on adult male rat model of spinal cord injury", Azad University Science and Research campus.
- ▶ **2018-present**, 2nd supervisor of PharmD thesis "Effect of prenatal administration of aesculus hippocastanum on fetal growth of rat", Faculty of Pharmacy, IUMS
- ▶ **2018-present**, Supervisor of PhD thesis of Anatomy, "Study of dominance role of non- photic inputs to adult rats suprachiasmatic nucleus on Per1, Per2 expression
- ▶ **2018-present**: Advisor of PhD thesis of Anatomy "The effect of all-trans retinoic acid preconditioning bone marrow mesenchymal stem cells on the autophagy and activity of NLRP3 in the rat model of spinal cord injury
- ▶ **2018-present**, 2nd supervisor of PhD thesis of Sport Physiology "Comparison Effect of Detraining and High Fat Feeding on ECG And Sinus Node HCN4 Protein in Former Athletes Female Rat : Rajaei University, Tehran Iran

- ▶ **2017-2020**, 2nd advisor of Phd thesis of Psychology "Comparison of the Effectiveness of mothers' mindfulness training, vibro-acoustic and Lego therapy on autism syndrome and aggression in Autistic children', Islamic Azad University, Science and Research Kampus, Busheher.
- ▶ **2017- 2020**, Supervisor of PhD thesis of Anatomy" Evaluating the development of preantral follicles in decellulized ovarian scaffold following transplantation in ovariectomized mice"
- ▶ **2016-2020** 2nd Supervisor of PhD thesis of Anatomy "Assessment of fluoxetine and methylprednisolone cotreatment on the level of TNF- α , IL-6 following spinal cord injury induction of adult male rat hypothyroidism model
- ▶ **2015-2018** Advisor of PhD thesis Medical Genetic "Investigation on the Effects of IM235 and Curcumin in changing the expression profile of Th1 family cytokines (IFN- γ , IL-6, IL-12 and TNF- α) and Th2 family cytokines (TGF- β , IL-4, IL-5 and IL-10) in C57BL/6 models of Multiple Sclerosis"
- ▶ **2016-2020**; Supervisor of MSc thesis of Anatomy " Investigating the effect of injection stem cell derived from human adipose tissue on the expression of Cdk5 and P35 genes in male rats' Alzheimer's hippocampus"
- ▶ **2015-2018**; Advisor of MSc thesis of Psychology "Comparative study of the effects of β -estradiol and apigenin on memory, learning and beta-amyloid formation in dentate gyrus of adult ovariectomized rat hippocampus"
- ▶ **2016-2018**: 2nd supervisor of MSc thesis of Physiology "Investigating the neuroprotective role of Artemisinin on the expression of TNF- α , IL-1 β , P53 protein and apoptosis of dopaminergic neurons in substantia nigra in animal model of Parkinson disease induced by MPTP in male C57BL/6 mice
- ▶ **2014-2016** Advisor of MSc thesis of Psychology " Comparative MRI study of Behavior and Limbic structures between health and ADHD young boys in shiraz (finished)
- ▶ **2016**, Supervisor of PhD thesis of Sport Physiology "The effect of 6 weeks of HIT training preconditioning on klotho, PLP, TNF α of Purkinje cell in MS mouse model induced by EAE"
- ▶ **2015-2016** Supervisor of PhD thesis of Sport Physiology "Effect of voluntary training preconditioning on hippocampus BDNF, miR-134 and miR-132 of depressed male rats"
- ▶ **2015-2016** Supervisor of PhD thesis student of Neurolinguistics "Investigating the relationship between individual's overall memories and emotional meta-memories among FL learners: A neuropsychological linguistics perspective
- ▶ **2015-2016** Advisor of PhD thesis of student of sport physiology "Effect of continuous and high intensity interval training on gene expression of HAND1, HAND2, ANP, NPRA and NprI in healthy male rats"
- ▶ **2015-2016** Advisor of PhD thesis of Anatomy "Study of inductive effects of exogenous estrogen and progesterone on microglial polarization in the cuprizone model of multiple sclerosis in ovariectomized C57bl/6 mice
- ▶ **2015-2016** Supervisor of PhD thesis of Sport Physiology "The effect of six weeks high-intensity interval training on accumulation of Neural cell adhesion molecule (NCAM)n neuromuscular junction in plantaris muscle of adult and aged rats"

- ▶ **2015**, Advisor of MsC thesis of Anatomy " Study of the anti-apoptotic effects of exogenous melatonin on the adrenergic neurons of male adult rat LC nucleus following REM sleep deprivation "
- ▶ **2015**, Supervisor of PhD thesis of anatomy " Study of FNDC5 expression in cerebellar purkinje neurons of adult rats with spinal cord injury following treatment by methylprednisolone"
- ▶ **2015**, Supervisor of MD thesis "Study of the effects of CoQ10 on nucleus accumbance of adult male rat following methamphetamine use"
- ▶ **2015**, Supervisor of PhD thesis of anatomy " Study the FNDC5 expression in Purkeinje cells of adult rat cerebellum with spinal cord injury following treatment by methylprednisolone"
- ▶ **2015**, Supervisor of Psychiatry Residency thesis " Study of the effects of CoQ10 on striatum of adult male rat following methamphetamine use"
- ▶ **2014**, Supervisor of PhD thesis of Sport Physiology "Effect of aerobic training on Irisin and P2X3 receptors in spine of adult rats with neuropathic pain induced by CCI.
- ▶ **2014**, Advisor of MsC thesis of Physiology " The study of simultaneous injection of endo morphine 1 and GABA agonist on pain threshold ,spinal super oxide dismutase, glutation and NMDA receptors changes following spinal cord injury in male rats"
- ▶ **2013**, Supervisor of MD thesis "Study of co-enzyme Q10 on p2x3 receptors expression in DRG and lumbar spinal cord of adult male rat"
- ▶ **2013**, Supervisor of MsC thesis of Anatomy "Study of total light deprivation on hippocampal neurogenesis in adult male & female rats"
- ▶ **2013**, Supervisor of MsC thesis of Medical Radiation Eng "Study of Anti appoptic Effect of Diode Laser 660nm and 980nm on spinal cord neurons of adult male rats From neuropathic pain treated by Coenzyme Q10 by Western blotting"
- ▶ **2013**, Supervisor of Msc thesis of Anatomy "effect of total light deprivation on GABAergic receptors expression of adult rats colliculus : An immunohistochemistry study
- ▶ **2013**, Supervisor of MsC thesis of Medical Radiation Eng "Effect of therapeutic combination of low-power laser (660 nm) and CoQ10 on adult rat neuropathic pain induced by CCI"
- ▶ **2013**, Advisor of MsC thesis of Physics (Molecular Physics) "Study of the effect of electric fields with different waveforms and frequencies on induced neuropathic pain in adult male CCI rat mode"
- ▶ **2013**, Supervisor of MsC thesis of anatomy "Study of co-enzyme Q10 on spinal cord injury of rat menopausal model.
- ▶ **2013**, Supervisor of PhD thesis of Health Psychology "Study of the effect of REM sleep deprivation on learning memory and neurogenesis of hippocampus in adult male.
- ▶ **2013**, Supervisor of Msc thesis of clinical psychology "Evaluation of oxidative stress, spatial learning and memory following REM sleep deprivation in hippocampus of adult male rat".
- ▶ **2013**, Advisor of MsC thesis of anatomy "Differentiation of amniotic mesenchymal stem cells into oligodendrocyte-like cells

- ▶ **2013**, Supervisor of MSc thesis of clinical psychology " The effect of rem sleep deprivation on learning memory and oxidative stress (glutathione) in hippocampus of adult male rats"
- ▶ **2012**, Supervisor of Msc thesis of Anatomy "Study of the effects of ovarian steroidal hormones on neurogenesis process of hippocampus of induced diabetic adult female rats
- ▶ **2012**, Supervisor of PhD thesis of Anatomy" Comparative study of the effects of CoQ10 and Vitamin D on EAE model of Multiple Sclerosis in C57BL/6" Department of Anatomy, Faculty of Medicine, Tehran University of Medical Sciences, Tehran, Iran
- ▶ **2012**, Supervisor of Msc thesis of Anatomy "Study of the effects of ovarian steroidal hormones on neurogenesis process of hippocampus of induced diabetic adult female rats
- ▶ **2012**, Supervisor of Msc thesis " Design and stimulation of a new system for neutron capture Therapy (NCT) of a sample phantom for determining the required irradiation time and computation of absorbed dose and also reaching the desirable energy of clinical neutron source"
- ▶ **2012**, Supervisor of MD thesis "The effect of CoQ10 on P2X3 receptor expression in dorsal root ganglia rat model of sciatic nerve pain"
- ▶ **2012**, Advisor of PhD Thesis of Medical Radiation , Interaction Modeling of Cerebral Cortex neuron activation with MRI signal to determine region of cerebral electrical activity
- ▶ **2012**, Advisor of MSc of Anatomy thesis "Advisor of Msc of Anatomy Thesis "Tracing the efferent of bed nucleus stria terminalis and medial amygdala to pre optic area after nostril obstructed Rats"
- ▶ **2011**, Supervisor of MSc thesis of biotechnology "Study of the effects of a gelatin hydroxyapatite nano -composite with bone marrow Endothelial cells in the management of an experimental model of critical bone defect in rat"
- ▶ **2011**, Supervisor of Msc thesie of biotechnology "Study of the effects of a gelatin-hydroxyapatite nano-composite with bone marrow stromal cells in the management of an experimental model of critical bone defect in rat"
- ▶ **2011**, Advisor of Msc Thesis of Anatomy "Study of the neuroprotective effects of exogenous melatonin on the dopaminergic neurons of the substantia nigra of the rat menopausal model"
- ▶ **2011**, Supervisor of MSc thesis of anatomy "Study of the Effects of Total Light Deprivation on the Posterior Parietal Cortex and Lateral Geniculate Nucleus of the Neonate Rat"
- ▶ **2011**, Supervisor of Msc thesis of Anatomy "Study of the effects of female gonadal steroids on hippocampal neurogenesis of induced diabetic adult female rats". Department of Anatomy, Faculty of Medicine, Tehran University of Medical Sciences, Tehran, Iran
- ▶ **2011**, Supervisor of Msc thesis of Medical Nuclear Engineering |Comparative study of diode laser of 980nm with 690 nm on sciatic nerve of CCI model of neuropathic pain treated with CoQ10" Department of Basic Sciences. Faculty of Allied Medicine, Tehran University of Medical Sciences, Tehran. Iran
- ▶ **2011**, Advisor of Msc thesis of Anatomy" Study of the protective effects of Boswellia extracts on neuroblastoma dopaminergic neurons of in vitro PA model'

- ▶ **2010**, Supervisor of MD thesis "Study of the prevalence rate, risk factors and consequence of chronic pain in adult population of Tehran During 2001-2009 (f
- ▶ **2010**, Supervisor of Msc thesis of Medical Radiation Eng "Investigation on B-10 distribution of Boron carriers ,BPA and BSH in rat's brain and modeling of boron distribution determination method"
- ▶ **2010**, Advisor of Msc thesis " Investigation of B-10 distribution of Boron carriers, BPA & BSH in rat's brain and modeling of boron distribution determination methods" Department of Medical Nuclear Engineering & Cellular , Molecular Research Center, Tehran, Iran
- ▶ **2010**, Advisor of Msc thesis" Study of the effects of exogenous melatonin on dopaminergic neurons of substantia nigra in rat model of menopause". Department of Anatomy, Faculty of Medicine, Iran University of Medical Sciences, Tehran, Iran
- ▶ **2009**, Supervisor of MD thesis "Study of the effects of total light deprivation on morphometric parameters of adult rat suprachiasmatic nucleus". Department of Anatomy, Faculty of Medicine, IUMS, Tehran, Iran
- ▶ **2009**, Supervisor of Msc thesis "Study of anti-cancer effect of Cuscuta Kotschyana and its host plant extracts on breast cancer cells MCF-7". Payam Noor University and Cellular. Molecular Research Center, Iran University of Medical Sciences, Tehran, Iran
- ▶ **2008**, Advisor of PhD thesis "Study of the luteinizing hormone (LH) receptor isoforms and its relation to apoptosis in hippocampus of the gonadectomized rats. Department of Biochemistry and Cellular and Molecular Research Center, Iran University of Medical Sciences, Tehran, Iran
- ▶ **2007**, Advisor of MSc thesis " Study of the effects of Q-ten on sciatic nerve repair in CCI model of the adult male rats". Department of Physiology, Cellular and Molecular Research Center, Iran University of Medical Sciences, Tehran, and Iran
- ▶ **2007**, Advisor of MSc thesis "Study of the effects of diabetes on median and dorsal raphe nuclei efferent fibers to hippocampus in rat". Cellular & Molecular Research Center of Iran University of Medical Sciences & Department of Anatomy of Tehran University of Medical Sciences, Tehran, Iran (finished)
- ▶ **2007**, Supervisor of Pharm D thesis "Study of the effects of Silymarin on Postoperative Adhesion and Cytokine Expression in a rat model". Cellular & Molecular Research Center of Iran University of Medical Sciences & Faculty of Pharmacy of Islamic Azad University, Tehran, Iran
- ▶ **2006**, Supervisor of MD thesis "Study of prevalence rate, risk factors and consequence of chronic pain in adult population of Tehran in 2001-2006. Cellular & Molecular Research Center and Faculty of Medicine of Iran University of Medical Sciences, Tehran, Iran
- ▶ **2006**, Supervisor of MD thesis "Study of life quality, of the patient with chronic pain in adult population referred to pain clinics of Tehran in 2006-2007. Cellular & Molecular Research Center and Faculty of Medicine of Iran University of Medical Sciences, Tehran, Iran
- ▶ **2006**, Supervisor of MSc thesis " Distribution of Boron in Brain Tumor (Glioma) after Injection of BSH for BNCT" Cellular & Molecular Research Center, Iran University of Medical Sciences, Tehran Iran

- ▶ **2006**, Supervisor of Msc thesis " Study the effects of total light deprivation on DLGN and visual cortex of neonate rats; study by Nissl and Cyochrom oxidase" Department of Anatomy, Iran University of Medical Sciences, Tehran, Iran
- ▶ **2005**, Supervisor of Msc thesis "Study of the effects of of sensory-motor exercises on hand dexterity of educated mental restarted children", Occupational Therapy Department, Iran University of Medical Sciences, Tehran, Iran.
- ▶ **2005**, Advisor of Msc thesis "Effects of Tamoxifen on CA1 pyramidal cells in prenatal and postnatal rat hippocampus" Department of Anatomy, Iran University of Medical sciences, Tehran, Iran.

- ▶ **2004**, Supervisor of MSc thesis " Study of the sexual dimorphism and the effects of Testisectomy on the motor trigeminal nucleus of adult rat" Cellular and Molecular Research Center and Department of Anatomy, Iran University of Medical sciences, Tehran, Iran.
- ▶ **2004**, Supervisor of MSc thesis "Study of the sexual dimorphism and the effects of ovariectomy on morphometric parameters of of adult rat median raphe nucleus "Department of Anatomy, Iran University of Medical sciences, Tehran, Iran.
- ▶ **2003**, Advisor of MSc thesis "Study the effects of nitric oxide (NO) on pilor circular muscular layer of rat embryo " Cellular and Molecular Research Center and Department of Anatomy, Iran University of Medical sciences, Tehran, Iran.
- ▶ **2002**, Supervisor of MSc thesis "Study of the effects of low power He-Ne LAZER on the repair process of the rat sciatic injured nerve". Campus of Research & Sciences of Islamic Azad University, Tehran, Iran
- ▶ **2002**. Advisor of MSc thesis " Comparative study of the functional lateral dominancy of educable mental retarded children with normal children of age 5-6 year " Occupational Therapy Department, University of Social Welfare and Rehabilitation Sciences. Tehran, Iran.
- ▶ **2001**, Advisor of MSc thesis "Study of the effects of cadmium chloride on development of cranial region of neural tube in mouse embryo". Cellular and Molecular Research Center and Department of Anatomy, Iran University of Medical sciences, Tehran, Iran