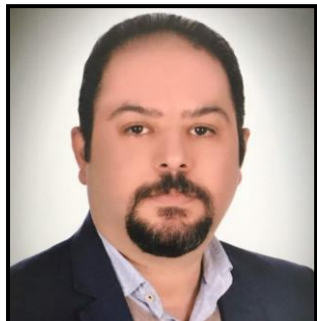


Personal profile



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 Degree : Ph.D. of Applied Cell Sciences
 Position : Academic Member (Assistant Professor)
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Academic Qualifications

Doctor of Philosophy (Ph.D): January 2019 - Applied Cell Sciences, Assessed by Ministry of Health and Medical Education (Iran)

Doctor of Philosophy (Ph.D): July 2010 – November 2016, University Putra Malaysia in the field of Immunobiology, C.G.P.A: 3.929 out of 4.

PhD Thesis Title: Global Gene Profiling and Anti-Tumour Activity of Human Mesenchymal Stem Cells on BV173 B Leukaemia Cell Line.

Master's Degree: December 2006 - April 2010, University of Putra Malaysia in the field of Immunobiology, C.G.P.A: 3.91 out of 4.

Master Thesis Title: Characterisation of Inhibitory Effect Induced by Human Bone Marrow Derived Mesenchymal Stem Cells on Haematopoietic Origin Tumour Cells.

Bachelor's Degree: January 2003 - February 2005, Tabriz University of Medical Science in the field of Laboratory Sciences

Associate's Degree: September 1997- August 1999, Islamic Azad University in the field of Laboratory Sciences

Work Experience

- Academic Member (Assistant Professor) in Faculty of Advance Technologies in Medicine, Iran University of Medical Sciences (February 2025 – To date)
- Academic Member (Assistant Professor) in Faculty of Advance Technologies in Medicine, Iran University of Medical Sciences (October 2021 – February 2023)
- Postdoctoral Position in Stem Cell and Regenerative Medicine Center at Faculty of Advanced Technology in Medicine, Iran University of Medical Sciences (February 2019 – March 2021)
- Research Assistant and Postdoctoral Position in Immunology Lab. at Faculty of Medicine and Health Sciences, UPM (August 2016 –October 2018).
- Graduate Research Assistant in Immunology Lab. at Medical Faculty of UPM (July 2007 –December 2008).
- Employee as a Lab. Technician in Shaberstar Hospital (January 2000 – July 2001).

Supervision and Laboratory Coaching

Postgraduate Student:

- Maryam Heidari (Ph.D.), Appointed since 2025 (Ongoing)
- Mohammad Tollabi (Ph.D.), Appointed since 2024 (Ongoing)
- Hamideh Valizadeh (Ph.D.), Appointed since 2021 (Ongoing)
- Ramesh Renggasamy (Ph.D.), Appointed on 11th September, 2017 and finished on 31st October 2018

Undergraduate Students (Final Year Projects):

- Divya Dharshini, Appointed on 20th February, 2018 and finished on 30 April 2018
- Noeh Yi Xing, Appointed on 1st March, 2018 and finished on 30 April 2018
- Wafa Abdulhamed M Shtawi, Appointed 1st July, 2018 and finished on 10th September 2018
- Muhra Romodan Omer, Appointed 1st July, 2018 and finished on 10th September 2018
- J. Niranjana A/P P. Jaganathan, Appointed 1st July, 2018 and finished on 30th September 2018

Research Skills & Experiences

1. Extensive knowledge in:

- **Cell Culture:** Mammalian Primary Cell, Tumor Cell Line (e.g. Leukemic origin) and Microbial Cell Culture.
- **Isolation, Expansion and Characterization of Mesenchymal Stem Cells (MSCs) From Various Sources:** Human Bone Marrow, Umbilical Cord, Placenta and PBMCs, Rat Bone Marrow and PBMCs, Goat Bone Marrow (Sternum) and PBMCs.
- **Cell-based Anti-cancer Assays:** Cell Proliferation and Cell Viability Assays (³H-thymidine assay, MTT, MTS Assay, etc) and Transwell Assay.
- **Flow Cytometry (BD LSRFortessa and FACSCalibur):** Immunophenotyping, Apoptosis Assays, Cell Cycle Assay and assessment of cells' intracellular and surface markers.

2. Good hands-on knowledge and experience in:

- Differentiation Assay
- RNA Extraction, PCR, qPCR
- Microarray Assay, Gene Expression Analysis
- ELISA
- Western Blotting
- Animal work (e.g., SD rat, Mice and Goat)
- Rats Dissection
- Working in Clean Room (class B, C and D)

3. Experience in:

- Histological Tissue Sample Preparation
- IHC (Immunohistochemistry)

Computer and Bioinformatics Skills

Excellent Expertise in:

1. Microsoft Word, PowerPoint and Excel (Microsoft Office Software)
2. Adobe Photoshop and CorelDraw (Graphics Software)
3. Gene Ontology, Cell Signaling Pathways Analysis using KEGG Database, DAVID Bioinformatics and GeneSpring (Agilent software for gene expression) Software

4. De Novo and FlowJo Software (Flow Cytometry analysis)
5. SPSS and GraphPad Prism software

Book Chapters

- Nanoparticles in Polymer Systems for Biomedical Applications
Rajesh Ramasamy and **Vahid Hosseinpour Sarmadi**
"The Multiple Facets of Mesenchymal Stem Cells in Modulating Tumour Cells' Proliferation and Progression" Editors: Jince Thomas et. al., Apple Academic Press, 2018
- Biomaterials for precision cancer medicine
Arezou Mehrabi, Raziye Najafloo, Hamideh Valizadeh, **Vahid Hosseinpour Sarmadi**, Soheila Naderi, Gholamabbas Faghihebadi, Peiman Brouki Milan
"Natural polymers for diagnosis and treatment of cancers", Elsevier, 2025
- Biomaterials for precision cancer medicine
Saeideh Hatami, Raziye Najafloo, **Vahid Hosseinpour Sarmadi**, Seyed Mohammad Amin Haramshahi, Peiman Brouki Milan
"Synthetic Polymers for Malignancies Treatment", Elsevier, 2025
- Biomaterials for precision cancer medicine
Raziye Najafloo, Melina Ghasemian, **Vahid Hosseinpour Sarmadi**, Gholamabbas Faghihebadi, Peiman Brouki Milan
"Biofunctionalization of materials for targeting cancer cells", Elsevier, 2025

Books

- "Vitamins and Micromolecules in Regenerative Medicine"
Seyed Mohammad Amin Haramshahi, Noor Ahmad Latifi, **Vahid Hosseinpour Sarmadi**, Samira Zolfaghari, Zeinab Shahmahmoudi, Hossein Rostami
(Published)
- "An Introduction to Tissue Engineering"
Peimn Brouki miln, Alireza Rezapour, **Vahid Hosseinpour Sarmadi** (Published)
- "Application of Unique Polymeric System in Drug Delivery and Tissue Engineering"
Peimn Brouki miln, Alireza Rezapour, **Vahid Hosseinpour Sarmadi** (Published)

Publications

1. Mohammad Reza Khalili, Salma Ahmadloo, Seyed Amin Mousavi, Mohammad Taghi Joghataei, Peiman Brouki Milan, Soheila Naderi Gharahgheshlagh, Seyedeh

- Lena Mohebi, Seyed Mohammad Amin Haramshahi, and **Vahid Hosseinpour Sarmadi**. "Navigating mesenchymal stem cells doses and delivery routes in heart disease trials: A comprehensive overview." *Regenerative Therapy*, 29 (2025): 117-127. Doi:org/10.1016/j.reth.2025.02.012
2. Tayyeb Ghadimi, Noorahmad Latifi, Ahmad Hivechi, **Vahid Hosseinpour Sarmadi**, Sina Bayat Shahbazi, Naser Amini, Peiman B Milan, Siamak Farokh Forghani, Abolfazl Abbaszadeh, Ghazaleh Larijani, Hamid Fathalian, Shokoufeh Mortazavi, Fatemeh Latifi, Fatemeh Ghadimi, Soheila Naderi Gharahgheshlagh " Sargassum glaucescens Extract/Marine-Derived Collagen Blend Sponge and their Properties for Wound Healing". *Marine Biotechnology*, 27, 25 (2025). Doi:org/10.1007/s10126-024-10402-z
 3. Mohammad Tollabi, Zahra Poursalehi, Parichehr Mehrafshar, Rayhaneh Bakhtiari, **Vahid Hosseinpour Sarmadi**, Lobat Tayebi & Seyed Mohammad Amin Haramshahi "Insight into the role of integrins and integrins-targeting biomaterials in bone regeneration". *Connective Tissue Research*, Sep 2024, 65(5), 343–363. Doi:org/10.1080/03008207.2024.2396002
 4. Naderi Gharahgheshlagh, Tayyeb Ghadimi, Noorahmad Latifi, Siamak Farokh Forghani, Peiman B. Milan, Ahmad Hivechi, **Vahid Hosseinpour Sarmadi**, Amirhesam Arabsorkhi-Mishabi, Naser Amini, Mahdy Saboury, Ghazaleh Larijani, Melina Ghasemian, Fatemeh Ghadimi, Gholamabbas Faghihebad "Fabricating modified cotton wound dressing via exopolysaccharide-incorporated marine collagen nanofibers". *Materials Today Communications*, March 2024, 39, 108706. Doi:org/10.1016/j.mtcomm.2024.108706
 5. Tayyeb Ghadimi, Soheila Naderi Gharahgheshlagh, Noorahmad Latifi, Ahmad Hivechi, **Vahid Hosseinpour Sarmadi**, Siamak Farokh Forghani, Naser Amini, Peiman B. Milan, Fatemeh Latifi, Masoud Hamidi, Ghazaleh Larijani, Seyed Mohammad Amin Haramshahi, Motahareh Abdollahi, Fatemeh Ghadimi, saeed Nezari. "The Effect of Rainbowtrout (*Onchorhynchus mykiss*) collagen incorporated with exopolysaccharides derived from *Rhodotorula mucilaginosa* sp. on burn healing". *Macromolecular Bioscience*, April 2023, doi: 10.1002/mabi.202300033
 6. Neda Alasvand, Sara Simorgh, Maziar Malekzadeh Kebria, Azam Bozorgi, Salah Moradi, **Vahid Hosseinpour Sarmadi**, Kaveh Ebrahimzadeh, Naser Amini, Farzad Kermani, Saeid Kargozar, Peiman Brouki Milan, "Copper/cobalt doped strontium-bioactive glasses for bone tissue engineering applications". *Open Ceramics*, April 2023, doi.org/10.1016/j.oceram.2023.100358
 7. Alireza Rezapour, Seyed Mohammad Amin Haramshahi, Sepideh Musazadeh, Arezoo Mehrabi, Jafar Kiani, **Vahid Hosseinpour Sarmadi***, Maziar Malekzadeh

- Kebria, Hamideh Valizadeh, Peiman Brouki Milan, "Stem Cells: prospects for cardiac regeneration an overview". Rahavard Salamat Journal, March 2023
8. Samin Abbaszadeh, Mohammad Reza Eskandari, Vahideh Nosrati-Siahmazgi, Kiyan Musaie, Soraya Mehrabi, Ruikang Tang, Mohammad Reza Jafari, Bo Xiao, **Vahid Hosseinpour Sarmadi**, Fakhri Haghi, Bo Zhi Chen, Xin Dong Guo, Hélder A Santos, Mohammad-Ali Shahbazi. "A photoactive injectable antibacterial hydrogel to support chemo-immunotherapeutic effect of antigenic cell membrane and sorafenib by near-infrared light mediated tumor ablation". Materials Today Bio, March 2023, doi.org/10.1016/j.mtbio.2023.100609
 9. Seyedeh Sara Ashraf, **Vahid Hosseinpour Sarmadi**, Ghazaleh Larijani, Soheila Naderi Garahgheshlagh, Sara Ramezani, Soraya Moghadamifar, Seyedeh Lena Mohebi, Peiman Brouki Milan, Seyed Mohammad Amin Haramshahi, Nooshin Ahmadi-rad & Naser Amini. "Regenerative medicine improve neurodegenerative diseases". Cell Tissue Bank, Dec 2022, doi:10.1007/s10561-022-10062-0
 10. Hamza Lawal, Satar Jabbar Rahi Algraittee, Ramesh Ranggasamy, Vahid **Hosseinpour Sarmadi**, Subashini C. Thambiah, Johnson Stanslas, Rajesh Ramasamy. "Moringa oleifera Leaf Ethanol Extract Immunomodulatory Activity Discriminates between Chronic Myeloid Leukaemia Cell Line and Normal Lymphocytes". Malaysian Journal of Medicine and Health Sciences, Dec 2022, 18(21): 100-109. doi:10.47836/mjmhs18.s21.16
 11. Babak Bakhshayesh Eghbali, Sara Ramezani, Sina Sedaghat Herfeh, Cyrus Emir Alavi, Kiomars Najafi, Pedram Esmaeeli Lipaei, Seddigheh Eslamparast Kordmahalleh, **Vahid Hosseinpour Sarmadi**, Naser Amini, Fatemeh Ramezani Kapourchali. " Transcranial direct current stimulation improves sleep quality in patients with insomnia after traumatic brain injury". Brain Injury, Nov 2022, 37(1), 63-73. doi:10.1080/02699052.2022.2145363
 12. Salma Ahmadloo, King-Hwa Ling, Ahmad Fazli, Ghazaleh Larijani, Nooshin Ghodsian, Sanaz Mohammadi, Naser Amini, **Vahid Hosseinpour Sarmadi***, Patimah Ismail*. "Signature pattern of gene expression and signaling pathway in premature diabetic patients uncover their correlation to early age coronary heart disease". Diabetology & Metabolic Syndrome, Jul 2022 14(1), 1-15.
 13. Naser Amini, Peiman Brouki Milan, **Vahid Hosseinpour Sarmadi**, Bahareh Derakhshanmehr, Ahmad Hivechi, Fateme Khodaei, Masoud Hamidi, Sara Ashraf, Ghazaleh Larijani, Alireza Rezapour "Microorganism-derived biological macromolecules for tissue engineering" Frontiers of Medicine, Jun 2022: 16, pages358–377.

14. Haslinda Abdul Hamid, Rajesh Ramasamy, Mohd Kamarulzaki Mustafa, **Vahid Hosseinpour Sarmadi**, Azizi Miskon. "Magnetic exposure using Samarium Cobalt (SmCO5) increased proliferation and stemness of human Umbilical Cord Mesenchymal Stem Cells (hUC-MSCs)". *Scientific Reports*, May 2022: 12(1): 1-17.
15. Mohadese Hashem Boroojerdi, **Vahid Hosseinpour Sarmadi**, Maryam Maqbool, Cini M John, King-Hwa Ling, Elizabeth George, S. Khartini Abdul Wahab, Rajesh Ramasamy. "*Directional capacity of Human Mesenchymal Stem Cells to support Hematopoietic Stem Cell proliferation in vitro*". *Gene*, Feb 2022: p. 146218, <https://doi.org/10.1016/j.gene.2022.146218>
16. Haslinda Abdul Hamid, **Vahid Hosseinpour Sarmadi**, Vivek Prasad, Rajesh Ramasamy, Azizi Bin Miskon. " *Electromagnetic field exposure as a plausible approach to enhance the proliferation and differentiation of mesenchymal stem cells in clinically relevant scenarios*". *J Zhejiang Univ Sci B*, Jan 2022. 23(1): p. 42-57, <https://doi.org/10.1631/jzus.B2100443>
17. Mohammad Javad Fatemi, Soheila Naderi Garahgheshlagh, Tayyeb Ghadimi; Shahla Jamili, Mohammad Reza Nourani, Ali Mohammad Sharifi, Mohsen Saberi, Naser Amini, **Vahid Hosseinpour Sarmadi**, Seyed Yasin Yazdi-Amirkhiz. "*Investigating the Impact of Collagen-Chitosan Derived from Scomberomorus Guttatus and Shrimp Skin on Second-Degree Burn in Rats Model*". *Regenerative Therapy*, Dec 2021; 18:12-20, <https://doi.org/10.1016/j.reth.2021.03.001>
18. Naser Amini, Babak Bakhshayesh Eghbali, Sara Ramezani*, **Vahid Hosseinpour Sarmadi***, Peiman Brouki Milan, Seyedeh Sara Ashraf, Ghazaleh Larijani, Soheila Naderi Garahgheshlagh, Bahare DerakhshanMehri, Seyedeh Lena Mohebi, Mohammad Taghi Joghataei. "Animal Kernicterus Models: Progress and Challenges". *Brain Research*, Aug 2021. 1770: p. 147624 <https://doi.org/10.1016/j.brainres.2021.147624>
19. Maryam Maqbool, Satar Algraittee, Mohadese Boroojerdi, **Vahid Hosseinpour Sarmadi**, Cini John, Sharmili Vidyadaran, Rajesh Ramasamy. "*Human Mesenchymal Stem Cells Inhibit the Differentiation and Effector Functions of Monocytes*". *Innate Immunity*. Jul 2020; 26(5):424-434. doi: 10.1177/1753425919899132
20. **Vahid Hosseinpour Sarmadi**, Salma Ahmadloo, Heng Fong Seow, King Hwa Ling, Satar Jabbar Rahi Al-Qraittee, Cini M John, Rajesh Ramasamy. " *Human Mesenchymal Stem Cells-mediated Transcriptomic Regulation of Leukemic Cells in Delivering Anti-tumorigenic Effects*". *Cell Transplant*, 29, Jan 2020; doi:10.1177/0963689719885077

21. Reza Gheitasi, Sanaz Jourghasemi, Iraj Pakzad, **Vahid Hosseinpour Sarmadi**, Yazdan Samieipour, Zambari Sekawi, Farid Azizi Jalilian. "*A Potential Marker in Brucellosis, Long intergenic non coding RNA Tmevpg1*". Molecular Biology Reports 46(3): Oct 2019; DOI:10.1007/s11033-019-05095-w
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23. Mansooreh Sadat Mojani, Asmah Rahmat, Rajesh Ramasamy, **Vahid Hosseinpour Sarmadi**, Pratheep Sandrasaigaran, Shalini Vellasamy & Seyed Majid Akhavan Hejazi. "*Metabolic and Immunologic Alterations of Ginger Rhizome among Streptozotocin-Nicotinamide Induced Diabetic Rats*". Mal J Nutr 22(3): 421-432, 2016
24. Mansooreh Sadat Mojani, **Vahid Hosseinpour Sarmadi**, Shalini Vellasamy, Pratheep Sandrasaigaran, Asmah Rahmat, Loh Su Peng, Rajesh Ramasamy. "*Evaluation of Metabolic and Immunological Changes in Streptozotocin-Nicotinamide Induced Diabetic Rats*". Cellular Immunology, 289 (2014) 145-149, April 2014
25. Mansooreh Sadat Mojani, **Vahid Hosseinpour Sarmadi**, Asmah Rahmat and Rajesh Ramasamy. "*Effect of Palm Tocotrienols versus Alpha-Tocopherol on Lymphocyte's Proliferation in Streptozotocin-Induced Diabetic Rats*". Research in Immunology, Vol. 2013 June 2013
26. **VH Sarmadi**, C K Tong, S Vidyadaran, M Abdullah, H F Seow, R Ramasamy. "*Mesenchymal Stem Cell Inhibit Proliferation of Lymphoid Origin Haematopoietic Tumour Cells by Inducing Cell Cycle Arrest*". Med J Malaysia, Vol. 65 (3) September 2010
27. R Ramasamy, K Krishna, M Maqbool, S Vellasamy, **VH Sarmadi**, M Abdullah & S Vidyadaran. "*The Effect of Human Mesenchymal Stem Cell on Neutrophil Oxidative Burst*". Malaysian Journal of Medicine and Health Sciences, Vol. 6 (2) June 2010
28. **Sarmadi, VH**, and Heng, FS, and Ramasamy, R. "*The Effect of Human Mesenchymal Stem Cells on Tumour Cell Proliferation*". Med J Malaysia, Vol. 63 (4) July (2008)
29. Tong CK., **Sarmadi VH**, Vidyadaran S, Latifah SY, Seow HF and Ramasamy R. "*Human Bone Marrow Derived Mesenchymal Stem Cells Suppress T Cell*

Proliferation by Inducing Cell Cycle Arrest". Malaysian Journal of Medicine and Health Sciences, Vol. 4 (1) January 2008: 41-50

Proceedings, Paper and Poster

1. Chih Kong Tong, **Vahid Hosseinpour Sarmadi**, Latifah Saiful Yazan, Heng Fong Seow and Rajesh Ramasamy. *"Human bone marrow derived mesenchymal stem cell suppress T cell proliferation by inducing cell cycle arrest"*. National Research and Innovation Competition, June 2007. Universiti Sains Malaysia
2. **Vahid Hosseinpour Sarmadi**, Heng Fong Seow & Rajesh Ramasamy. *"The Effect of Human Mesenchymal Stem Cells on Tumour Cell Proliferation"*. 2nd Malaysian Tissue Engineering and Regenerative Medicine Scientific Meeting. Medical Centre Universiti Kebangsaan Malaysia 22-23 July 2008. Medical Journal of Malaysia vol63 (Suppl A): 63-64 (**Poster Presentation**)
3. Ramasamy R, Tong CK., **Sarmadi VH.**, Seow HF. and Dazzi F. *"Mesenchymal stem cells inhibit proliferation of tumour cells: Impact on cancer therapy"*. 2nd Malaysian Tissue Engineering and Regenerative Medicine Scientific Meeting. Medical Centre Universiti Kebangsaan Malaysia 22-23 July 2008. Medical Journal of Malaysia vol 63 (Suppl A): 77-78
4. Rajesh Ramasamy, **Vahid Hosseinpour Sarmadi**, Sharmili Vidyadaran, Maha Abdullah and Seow Heng Fong. *"Studies on mesenchymal stem cells as a potential cellular therapy for cancer"*. National Biotechnology Seminar, 24-26 May 2010, PWTC, Kuala Lumpur
5. Ramasamy R, **Sarmadi VHP**, Seow HF, Abdullah M, Vidyadaran S. *"Mesenchymal Stem Cells Inhibit Hematopoietic Origin Tumour Cells Via Cell Cycle Arrest"*. International Society for Stem Cell Research (ISSCR) 8th Annual Meeting. 16-19 June 2010. San Francisco CA, USA
6. Rajesh Ramasamy, **Vahid Hosseinpour Sarmadi**, Chih Kong Tong, Sharmili Vidyadaran, Maha Abdullah and Heng Fong Seow. *"Mesenchymal Stem Cells Inhibit Proliferation of Lymphoid Origin Haematopoietic Tumour Cells by Inducing Cell Cycle Arrest"*. 9th Annual Scientific Meeting, College of Pathologists, Academy of Medicine of Malaysia. 26th June 2010, Faculty of Medicine and Health Sciences, Universiti Putra Malaysia. (**Poster Presentation**)
7. Rajesh Ramasamy, **Vahid Hosseinpour Sarmadi** & Heng Fong Seow. *"Mesenchymal Stem Cell Mediated Tumour Suppression: A Potential Therapy for Cancer"*. 22nd Pacific Science Congress, 14-17 June 2011, Kuala Lumpur Convention Centre, Kuala Lumpur, Malaysia. (**Poster Presentation**)

8. **Vahid Hosseinpour Sarmadi**, Heng Fong Seow, King Hwa Ling, Aishah Adam and Rajesh Ramasamy. *"Deciphering the Anti-Tumour Activity of Human Mesenchymal Stem Cells on Haematopoietic Tumours using In-Vitro Model"*. Immunology Symposium, 16-17th October 2014, Faculty of Medicine and Health Sciences, Universiti Putra Malaysia. **(Poster Presentation)**
9. **Vahid Hosseinpour Sarmadi**, Rajesh Ramasamy, Salma Ahmadloo, Seow Heng Fong, Ling King Hwa. *"Deregulation of molecular signalling pathways in leukaemia cells affected by mesenchymal stem cells in medicating the growth inhibition of leukaemic tumour cells"*. The 2nd National Festival & International Congress on stem Cell & Regenerative Medicine. 13-15th July 2017, I.R Iran International Conference Center (Saran Conventional Hall), Tehran, Iran. **(Oral Presentation)**
10. **Vahid Hosseinpour Sarmadi**, Heng Fong Seow, King Hwa Ling and Rajesh Ramasamy. *"Gene Profiling of Anti-Tumour Activity of Umbilical Cord Mesenchymal Stem Cells on Lymphoid Origin Tumour Cell Proliferation"*. Putra Cancer Research Symposium, 5-6th September 2017. Institute of Bioscience, University Putra Malaysia. **(Poster Presentation)**
11. **Vahid Hosseinpour Sarmadi**, Heng Fong Seow, King Hwa Ling and Rajesh Ramasamy. *"Mesenchymal Stem Cells: A New Cure to Cancer?"*. STEM CELL RUN, Tissue Engineering Centre, 4th November 2017. Universiti Kebangsaan Malaysia. **(Poster Presentation)**
12. Hamza Lawal, Satar Jabbar Rahi Al-Graitte¹, **Vahid Hosseinpour Sarmadi**, Ramesh Renggasamy, Subashini C. Thambiah, Johnson Stanslas, Rajesh Ramasamy. *"The immunomodulatory functions of moringa oleifera on normal and malignant lymphocytes"*. 6th International Postgraduate Conference on Pharmaceutical Sciences 2018. 15-16 August 2018, International Medical University, Kuala Lumpur, Malaysia. **(Oral Presentation)**
13. **Vahid Hosseinpour Sarmadi**, Mohammad Taghi Joghataei. *"Effect of Neupogen-induced Peripheral Blood Mesenchymal Stem Cells on Critical Defect (non-union) Bone Fracture Healing in Goat Tibiae"*. 2nd Symposium of Stem Cells in Bone and Cartilage Defect, Applications and Futures. 18 July 2019, Shafa Teaching, Research and Clinical Center, Tehran – Iran. **(Oral Presentation)**

Awards and Medals

1. **SILVER MEDAL**
Rajesh Ramasamy, Francesco Dazzi, **Vahid Hosseinpour Sarmadi**, Tong Chih Kong and Seow Heng Fong.
Mesenchymal Stem Cells Inhibit Proliferation of Tumour Cells: Impact on Cancer Therapy.

Research and Innovation Exhibition (PRPI 2008) UPM, 2008

2. **GOLD MEDAL**

Rajesh Ramasamy, **Vahid Hosseinpour Sarmadi** and Seow Heng Fong.
Mesenchymal Stem Cells Mediated Tumour Cell Suppression: A Potential Therapy for Cancer.

Research and Innovation Exhibition (PRPI 2009) UPM, 2009

3. **SILVER MEDAL**

Rajesh Ramasamy, Maryam Maqbool, Kalidasan Krishna, **Vahid Hosseinpour Sarmadi** and Sharmili Vidyadaran.

The Effect of Human Mesenchymal Stem Cells on Neutrophil Mediated Immune Responses.

Research and Innovation Exhibition (PRPI 2009) UPM, 2009

4. **BRONZE MEDAL**

Mansoor Sadat Mojani Qomi, **Vahid Hosseinpour Sarmadi**, Rajesh Ramasamy and Asmah Rahmat.

Effect of Vitamin E Supplementation on Inflammatory Factors in Diabetic Induced Rats.

Research and Innovation Exhibition (PRPI 2009) UPM, 2009

5. **BRONZE MEDAL**

Rajesh Ramasamy, **Vahid Hosseinpour Sarmadi**, Sharmili Vidyadaran, Maha Abdullah & Heng Fong Seow.

Mesenchymal Stem Cells Mediated Tumour Cell Suppression: A Potential Therapy for Cancer.

BIOMALAYSIA 2009 17-19 November Kuala Lumpur Convention Centre

6. **BEST POSTER AWARD**

Rajesh Ramasamy, **Vahid Hosseinpour Sarmadi**, Chih Kong Tong, Sharmili Vidyadaran, Maha Abdullah & Heng Fong Seow.

Mesenchymal Stem Cells Inhibit Proliferation of Lymphoid Origin Haematopoietic Tumour Cells by Inducing Cell Cycle Arrest.

9th Annual Scientific Meeting College of Pathologists Academy of Medicine of Malaysia "Current Issue in Pathology", June 2010

7. **GOLD MEDAL**

Rajesh Ramasamy, **Vahid Hosseinpour Sarmadi** & Heng Fong Seow.
Mesenchymal Stem Cells Therapy for Haematopoietic Origin Tumours.

Research and Innovation Exhibition (PRPI 2011) UPM, 2011

Teaching Experience for Ph.D. Students

- Basic Immunology and Transplantation
- Principle of Immunology and Transplantation Immunology
- The methods of Cellular and Molecular Evaluation
- Cell Banking and Cell Therapy

Patents

- Extraction Kit of Stromal Vascular Fraction Cells from Adipose Tissue
- Semi-close Extraction Kit of Platelet Rich Plasma Cells

Workshops and Certificates

➤ Workshops

❖ Facilitator

- ✓ Flow cytometry Workshop: An Update on The Application in Diagnostic and research. 27-28 November, 2007

❖ Participant

- ✓ PCR Workshop: Back to Basic Comprehensive Conventional PCR. 12-13th May, 2016
- ✓ Flow cytometry Workshop, University Putra Malaysia 13-14th September, 2017

➤ Certificates

- ✓ Technical officer certificate for manufacturers and importers of medical equipment from the Association of Medical Equipment Specialists

Languages

- Azari (mother tongue)
- Persian: Excellent knowledge

- English: Good knowledge of English (all of 4 skills)

References

- Professor Mohammad-Taghi Joghataei (Ph.D), Iran University of Medical Sciences
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- Assoc. Prof. Dr. Rajesh Ramasamy (Ph.D.), University Putra Malaysia
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- Professor Heng Fong Seow (Ph.D.), University Putra Malaysia
Email: shf@upm.edu.my
0060122489396
- Assoc. Prof. Dr. Peiman Brouki Milan (Ph.D.), Iran University of Medical Sciences
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