

Curriculum Vitae

Personal Information

Full Name: Davoud Pashoutan Sarvar

Gender: Male

Date of Birth: June 25, 1990

Place of Birth: Iran

Nationality: Iranian

Address: Asadabad, Hamedan, Iran

Email: d.p.sarvar@gmail.com



Education

- 2014-2017. M.Sc. in Hematology & Blood Transfusion Sciences, Tabriz University of Medical Sciences, Tabriz, Iran.
- 2008-2012. B.Sc. in Medical Laboratory Sciences (MLS), Hamedan University of Medical Sciences, Hamedan, Iran.

Work Experiences

- 2012-2014. **Medical Laboratory Technologist**, Sajjad Medical Diagnostic Laboratory, Borujerd, Lorestan, Iran.
- 2017-2018. **Director of Hematology, Coagulation and Blood Banking Section**, Clinical Laboratory Division of Qa'im Hospital, Asadabad, Hamedan, Iran.
- 2018-2020. **Instructor of Hematology and Blood Transfusion Medicine**, Asadabad University of Medical Sciences, Asadabad, Hamedan, Iran.

Honors & Awards

- **1st Place Appreciation of Certificate** in Master of Science Course (**GPA: 3.97**), at Tabriz University of Medical Sciences from 2014-2017, Tabriz, Iran.
- **Top Educational Student** at Tabriz University of Medical Sciences from 2014-2017, Tabriz, Iran.
- **3rd Place Appreciation Award** for Top-Researcher at Asadabad University of Medical Sciences.
- **Certificate of Appreciation** in Sajjad Medical Diagnostic Laboratory, Borujerd, Lorestan, Iran.
- **Certificate of Appreciation** in Clinical Laboratory Division of Qa'im Hospital, Asadabad, Hamedan, Iran.

Teaching Courses

- **Hematology & Blood Transfusion Medicine** at Asadabad University of Medical Sciences, Asadabad, Hamedan, Iran.
- **Immunology & Immunoematology** at Asadabad University of Medical Sciences, Asadabad, Hamedan, Iran.
- **Quality Management in Clinical Laboratories** for Qa'im Hospital Laboratory Staff, Asadabad, Hamedan, Iran.
- **Laboratory Accreditation** for Qa'im Hospital Laboratory Staff, Asadabad, Hamedan, Iran.
- **Cell Culture Techniques**
- **Workshops** (Flowcytometry, Hemovigilance, Patient Blood Management, Endnote, Searching Article Databases)

Skills

- The Basics and Advanced Medical Laboratory Techniques (Phlebotomy, Hematology, Coagulation, Blood Banking, Body Fluid Analysis, Serology, Microbiology, Quality Management, etc.)
- Clinical Interpretation of Laboratory Tests
- Examination of Peripheral Blood Smear and Bone marrow Aspiration
- Cell Culture, Flowcytometry and Evaluation of Cell Death (Apoptosis and Necrosis)
- Isolation, Culture and Identification of Hematopoietic and Mesenchymal Stem Cells
- Primer Design for PCR, Extraction of DNA and RNA, cDNA Synthesis
- Molecular Tests (e.g. PCR, Real Time – PCR, ...)
- ELISA, Hemoglobin Electrophoresis, Serum and Urine Protein Electrophoresis

Additional Skills

- Microsoft's Windows Operating Systems
- Microsoft Office (Word, PowerPoint, Excel, etc.)
- Windows and Software Installation
- Photo, Image & Design Editing Software (Adobe Photoshop)
- Database Search Skills (PubMed, Scopus, ScienceDirect, etc.)
- Reference Management Programs (Mendeley, Reference Manager and Endnote)
- Data Analysis Software (SPSS and GraphPad Prism)

Publications

✚ Academic Books:

- **Pashoutan-Sarvar D** (Author), Movassaghpour A (Supervisor); Basic & Applied Concepts of Flowcytometry in the Diagnosis of Blood Disorders P-Book; 1st ed, 2020. [ISBN: 978-622-6788-40-3](https://doi.org/10.15171/apb.2016.041), Published at Asadabad University of Medical Sciences.

✚ Research Papers (Published):

- **Pashoutan-Sarvar D**, Shamsasenjan K, Akbarzadehlaleh P. Mesenchymal Stem Cell-Derived Exosomes: New Opportunity in Cell-Free Therapy. *Advanced Pharmaceutical Bulletin*. 2016;6(3):293-9. <https://doi.org/10.15171/apb.2016.041>
- **Pashoutan-Sarvar D**, Shamsasenjan K, Akbarzadehlaleh P, Movassaghpour A, Timari H, Aqmasheh S. The Application of Mesenchymal Stem Cell-Derived Vesicles in Regenerative Medicine. *Scientific Journal of Iranian Blood Transfusion Organization*. 2017;14(3):237-48.
- Aqmasheh S, Shamsasanjan k, Akbarzadehlaleh P, **Pashoutan-Sarvar D**, Timari H. Effects of Mesenchymal Stem Cell Derivatives on Hematopoiesis and Hematopoietic Stem Cells. *Advanced Pharmaceutical Bulletin*. 2017;7(2):165-77. <https://doi.org/10.15171/apb.2017.021>
- Timari H, Shamsasenjan K, Movassaghpour A, Akbarzadehlaleh P, **Pashoutan-Sarvar D**, Aqmasheh S. The Effect of Mesenchymal Stem Cell-Derived Extracellular Vesicles on Hematopoietic Stem Cells Fate. *Advanced Pharmaceutical Bulletin*. 2017;7(4):531-46. <https://doi.org/10.15171/apb.2017.065>
- **Pashoutan-Sarvar D**, Karimi MH, Movassaghpour A, Akbarzadehlaleh P, Aqmasheh S, Timari H, et al. The Effect of Mesenchymal Stem Cell-Derived Microvesicles on Erythroid Differentiation of Umbilical Cord Blood-Derived CD34+ Cells. *Advanced Pharmaceutical Bulletin*. 2018;8(2):291-6. <https://doi.org/10.15171/apb.2018.034>
- Amelirad A, Shamsasenjan K, Akbarzadehlaleh P, **Pashoutan-Sarvar D**. Signaling Pathways of Receptors Involved in Platelet Activation and Shedding of These Receptors in Stored Platelets. *Advanced Pharmaceutical Bulletin*. 2019;9(1):38-47. <https://doi.org/10.15171/apb.2019.005>
- Aqmasheh S, Shamsasenjan K, Khalaf Adeli E, Movassaghpourakbari A, Akbarzadehlaleh P, **Pashoutan-Sarvar D**, et al. Effect of Mesenchymal Stem Cell-derived Microvesicles on Megakaryocytic Differentiation of CD34+ Hematopoietic Stem Cells. *Advanced Pharmaceutical Bulletin*. 2020;10(2):315-22. <https://doi.org/10.34172/apb.2020.038>

✚ Conference Papers:

- **D. Pashoutan-Sarvar**, K. Shamsasenjan, Aliakbar Movassaghpour. The Effect of Mesenchymal Stem Cell-Derived Microvesicles on Erythroid Differentiation of Umbilical Cord Blood-Derived CD34+ Cells. The 3rd National Festival & International Congress on Stem Cell & Regenerative Medicine (28 Nov. – 1 Dec. 2018, Tehran, Iran).

Training Courses

- The workshop of “**Ethics in Research** “, Hamedan University of Medical Sciences, 1 November 2017, Hamedan, Iran.
- The workshop of “**Research Ethics** “, Asadabad University of Medical Sciences, 30 April 2019, Asadabad, Hamedan, Iran.
- The workshop of “**Ethics in Education** “, Asadabad University of Medical Sciences, 1 November 2017, Asadabad, Hamedan, Iran.
- The workshop of “**Principles of PCR and RT-PCR** “, Tabriz University of Medical Sciences, 11 March 2015, Tabriz, Iran.
- The workshop of “**Medical Statistics Using SPSS**”, Tabriz University of Medical Sciences, 26 December 2016, Tabriz, Iran.
- The workshop of “**Primer Design for PCR**”, Tabriz University of Medical Sciences, 26 December 2016, Tabriz, Iran.

Abilities

- Communication Skills
- Presentation Skills
- Active Listening Skills
- Designing New Methods
- Critical and Creative Thinking
- Team-Management Skills
- Interpersonal skills
- Problem-Solving Skills
- Leadership Skills
- Highly Motivated

Research Interests

- Investigating on Cellular & Molecular Interactions of Mesenchymal Stem Cells in the Bone Marrow
- Cell and Cell-Free Therapy of Hematological Malignancies and Immunological Disorders
- Hematopoietic Stem Cell Transplantation
- Targeted Therapy Drugs for Leukemia

Membership of Scientific Societies

- Member of Iranian Society for Medical Laboratory Sciences (MLS)
- Member of Iranian Laboratory Hematology Association (ILHA)

Languages

Turkish: Native

Persian: Fluent

English: Fluent

Kurdish: Intermediate

Arabic: Basic

Additional Activities & Hobbies

- Driving
- Traveling
- Ecotourism
- Mountaineering
- Listening to Music
- Sports (Football, Swimming, Badminton)

References

- **Karim Shams, Ph.D.** *Associate Professor of Molecular Hematology*, Department of Immunology, Faculty of Medicine, Tabriz University of Medical Sciences, Tabriz, Iran.
Email: shamsk@tbzmed.ac.ir, *Tel.:* +98 914 642 7690.
- **Aliakbar Movassaghpour, Ph.D.** *Associate Professor of Hematology & Blood Banking*, Hematology and Oncology Research Center, Tabriz University of Medical Sciences, Tabriz, Iran.
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