

Sajad Shabanpourhaghigi

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Date of Birth: 19/09/1985

Education and Professional Qualifications

Doctor of Medicine Jahrom University of Medical Sciences, Iran

Mofateh Pre-University, Iran Modules: Biology (A*), Chemistry (A*), Math (A*), Physics (A*), English (A*)

General and Specialty Post-graduate Medical Training

Jahrom University of Medical Sciences, Clinical Rotations in: Motahari Hospital

Peymanie Hospital

Shiraz University of Medical Sciences, Clinical Rotation in:

Ebnesina Hospital

Namazi Hospital

Hafez Hospital

Zeinabie Hospital

Dastgheib Hospital

Khalili Hospital

Faghihi Hospital

Employment and Professional Positions

Social Security Clinic-Ayatollah Haghshenas

- Family Physician

Work Experiences and Placements

Research Assistant, Avicenna Research Institute, Shahid Beheshti University of Medical Sciences, Tehran, Iran

Tehran University of Medical Science, Department of Molecular Medicine, Tehran, Iran

Prof. Alborzi Clinical Microbiology Research Center (Center of excellence of research in Microbiology in the Middle East), Shiraz, Iran

Projects included: 1. "Comparative restoration of acute liver failure by menstrual blood stem cells compared with bone marrow stem cells in mice model"

2. "Down-regulation of miR-122 after transplantation of mesenchymal stem cells in acute liver failure in mice model"
3. "Menstrual stem cells in women with premature ovarian failure"

Laboratory Skills

cell culture, Immunofluorescence Staining, Fluorescence microscopy, peripheral blood mononuclear cell isolation, DNA and RNA extraction, PCR, Reverse Transcriptase (RT) PCR, cDNA synthesis, and Gram staining

Publications

1. Effect of Celox Powder on Initial Hemostasis after Cardiac Catheterization among Pediatric Patients with Congenital Heart Disease:A Case-Control Study(In preparation)
2. The demographic and clinical characteristics of pediatric HIV cases of Fars province, cross sectional study 2014- 2015 (In preparation)
3. Evaluation of Frequency of Mortality and Risk Factors in Patients with Acute Myocardial Infarction referring to Peymanieh Hospital, Jahrom, Iran During the Years 2013-2017 Neda Bagherian, Sajad Shabanpourhaghi* / J Biochemical Technology Society
4. Investigating the Complications of Arterial Hole Closure through the skin and Cardiac Function in the Mid-Term Follow-Up in the Children in Hospitals Affiliated to Shiraz University of Medical Sciences during 2011-2016(In preparation)

Patent

Energy Production Device with Capillary Characteristic and Gravity Force

Awards

1) International Invention Innovation Competition in Canada, iCAN 2020 - Toronto, Canada

Gold Medal & Special Award of Toronto International Society of Innovation & Advanced Skills (TISIAS)

2) Global Invention Forum in Cyprus, GiF 2020 - Limassol, Cyprus

Gold Medal

3) International Warsaw Invention Show, IWIS 2020 - Warsaw, Poland

Gold Medal & Special Award of the Association of Polish Inventors & Rationalizers (SPWiR)

4) Macao International Innovation and Invention Expo, MiiEX 2020 - Macao, China SAR

Gold Medal & Special Award of the World Invention Intellectual Property Associations (WIIPA)

- 5) International Invention and Fair of Inventions and Ideas - IDEA Expo 2020
- Hódmezővásárhely, Hungary
Gold Medal
- 6) International Invention and Innovation Show, INTARG 2020 - Katowice, Poland
Gold Medal & Head of the Patent Office of the Republic of Poland Award
- 7) Croatia International Invention Show, INOVA 2020 - Zagreb, Croatia
Gold Medal & Organizer's Special Award of the Croatian Inventors Network (HSI)
- 8) Indonesia Inventors Day 2020, IID 2020 - Jakarta, Indonesia
Gold Medal & Special Award of the Indonesian Invention and Innovation Promotion Association (INNOPA)
- 9) Hong Kong International Invention and Design Competition, IIDC 2020 - Hong Kong, China SAR
Gold Medal
- 10) Kaohsiung International Invention and Design Expo, KIDE 2020 - Kaohsiung, Taiwan
Gold Medal
- 11) Innovation Week in Africa, IWA 2020 - Rabat, Morocco
Gold Medal & Master of Innovation Certificate
- 12) International Exhibition of Inventions, INVENTCOR 2020 - Deva, Romania **Gold Medal**

HONORS:

1) Pro Scientia et Innovatio Honorary Order Program

Officer Rank

Computing Skills

Frequent user of computer programmes and Proficiency in working with Microsoft Office (Word, Excel, PowerPoint) and mac applications, statistical software Graphpad Prism

Languages

Farsi (Native)

English (good)

Swedish (good)