

SHERRY DEHGHANI, M.D.

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EDUCATION

Medical Degree (M.D.) from Tehran University of Medical Sciences 2008 - 2015
Tehran, Iran GPA: 3.75/4
Clinical Courses: 4/4

M.D. Thesis: "The results of Hematopoietic Stem Cell Transplantation in pediatric patients with Malignant Infantile Osteopetrosis using Cyclophosphamide, Busulfan and Antithymocyte Globulin as a conditioning regimen" under supervision of Prof. Amir Ali Hamidieh M.D. (08.2012-02.2014) Thesis grade: 4/4

WORK EXPERIENCE

Internal Medicine Resident at Montefiore Hospital, Albert Einstein College of Medicine Bronx, New York, USA	July 2021- present
Postdoctoral Research Fellow at Regenerative Medicine lab, Mayo Clinic Rochester, MN, USA	2019 - 2021 2 years
Clinical Research Coordinator (CRC) at Mayo Clinic Rochester, MN, USA	2019 - 2020 1 year
Family Physician at "Josheghan-e-Ghali" Clinic Kashan County, Iran	2016 - 2018 1 year 6 months
Research Assistant at Brain and Spinal Injury Research Center, Neuroscience Institute, (www.basir.tums.ac.ir) Tehran University of Medical Sciences, Tehran, Iran	2015 - 2016 1 year 6 months
Part- time job in nursery for "intellectually disabled children (ID)" Tehran, Iran	2012 - 2013 1 year

SELECTED PUBLICATIONS

- **SS. Dehghani**, C. Figueredo, A. Kaul, T. Ullman. "*CRP/Alb Association with Endoscopic Activity of Disease In The Patients with IBD*", in preparation
- N. Kogekar, **SS. Dehghani**, J. Wynne, D. Alvarez, B. Fortune. "*Noninvasive testing to predict hepatic decompensation or death in patients with advanced metabolic associated fatty liver disease*", in preparation
- M. Wysota, **SS. Dehghani**, A. Shastri, A. Zeidan. " *The best prognostic tool for MDS to AML conversion, a literature review*", in preparation
- R. Thaler, **SS. Dehghani**, F. Khani, I. Sturmlechner, M. Schreiner, X. Zhou, H. Araya, A. Dudakovic, J. Westendorf, F. Varga, A.J. van Wijnen. "*Tissue selective epigenetic networks direct lineage fate predisposition of mesenchymal stromal cells and can stably be altered by nutritional factors*", Submitted to Nucleic Acids Research
- R. Thaler, F. Khani, I. Sturmlechner, **SS. Dehghani**, J. Denbeigh, X. Zhou, O. Pichurin, A. Dudakovic, S. Jerez, J. Zhong, J. Lee, R. Natarajan, I. Kalajzic, Y. Jiang, D. Deyle, E. Paschalis, B. Misof, T. Ordog, A.J. van Wijnen. "*Vitamin C epigenetically controls osteogenesis and bone*"

mineralization", Nature Communication, June 2022

- C. Paradise, L. Galvan, O. Pichurin, S. Jerez, E. Kubrova, **S. Dehghani**, R. Thaler, A. Noelle Larson, A.J. van Wijnen, A. Dudakovic. "*Brd4 is required for chondrocyte differentiation and bone formation*", Bone, January 2022
- L. Galvan, C. Paradise, S. Jerez, E. Kubrova, **S. Dehghani**, O. Pichurin, R. Thaler, A.J. van Wijnen, A. Dudakovic. "*The Epigenetic Reader Brd4 Regulates Long Bone Formation*", Journal of bone and mineral disease research, November 2020
- H. Majedi, **S. Dehghani**, S. Soleyman-Jahi, A. Tafakhori, A. Emami, M. Mireskandari, M. Hosseini. "*Assessment of factors predicting inadequate pain management in chronic pain patients*", Anesthesiology and Pain Medicine Journal, December 2019
- **S. Dehghani**. "*Multiple Types of Autoimmunity Resulting from the Same CD40 Ligand Mutations.*", Immunology and Genetics Journal, November 2018
- R. SBadv, **S. Dehghani**, M. Behfar, B. Ahadi, A. Tabasi, AA. Hamidieh. "*Impact of hematopoietic stem cell transplant on VEP and ABR values of the patients with malignant infantile osteopetrosis*", The European Journal of Pediatric Neurology, April 2018
- H. Majedi, **S. Dehghani**, S. Soleyman-Jahi, A. Emami Meibodi, M. Mireskandari, M. Hajiaghababaie, A. Tafakhori, T. Mendoza, C. Cleeland. "*Validation of the Persian version of the Brief Pain Inventory (BPI-P) in chronic pain patients*", Journal of Pain and Symptom Management, April 2017
- M. Behfar, **S. Dehghani**, T. Rostami, A. Ghavamzadeh, AA. Hamidieh. "*Non-sibling hematopoietic stem cell transplantation using myeloablative conditioning regimen in children with Maroteaux-Lamy syndrome: A brief report*", Pediatric Transplantation Journal, March 2017
- M. Behfar, **S. Dehghani**, A. Sadat Hosseini, A. Jalali, AA. Hamidieh, A. Ghavamzadeh. "*Non-TBI Myeloablative Conditioning with Intravenous Busulfan and Cyclophosphamide in HSCT for Malignant Infantile Osteopetrosis*", Pediatric Transplantation Journal, March 2015

POSTER PRESENTATIONS

- **S. Dehghani**, C. Andrade, H. Hertan. "*Spontaneous Regression of Colon Adenocarcinoma: Unraveling the Astonishing Phenomenon*", ACG 2023, October 2023
 - **S. Dehghani**, C. Andrade, H. Hertan. "*Plug-Assisted Retrograde Transvenous Obliteration (PARTO) For Cecal Varices Treatment*", ACG 2023, October 2023
 - R. Grover, Y. Chen, P. Armenta, T. Sindhu, M. Fazzari, **S. Dehghani**, K. Chew, C. Tsai, A. Oomen, F. Thau, T. Ullman, R. Greywoode. "*Sarcopenia Is Associated With An Increased Risk of Surgery At One Year In A Diverse IBD Population*", Digestive Disease Week (DDW), May 2023
 - R. Grover, Y. Chen, P. Armenta, T. Sindhu, M. Fazzari, **S. Dehghani**, K. Chew, C. Tsai, A. Oomen, F. Thau, T. Ullman, R. Greywoode. "*Higher Visceral Adipose Tissue Volume Is Not Associated With An Increased Risk of Hospitalization Or Surgery at 12 Months in IBD*", Digestive Disease Week (DDW), May 2023
 - **S. Dehghani**, T. Heidar, C. Andrade, H. Guddati. "*Myoclonic Jerks and Chronic Diarrhea; The Challenges of Zollinger-Ellison Syndrome*", ACG 2022 Annual Meeting, October 2022
 - M. McGoldrick, R. Grover, **SS. Dehghani**, C Tow. "*Factors Associated with Post-Hospitalization Follow up in Patients with Severe Alcoholic Hepatitis*", Digestive Disease Week (DDW), December 2021
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MEMBERSHIPS

- Member of the Resident Wellness Committee at Montefiore Hospital
- Delegate for the Committee of Interns and Residents (CIR) - New York
- Member of American College of Gastroenterology (ACG)
- Member of The American Academy of Regenerative Medicine (AARM)
- Member of Society of Hematologic Oncology (SOHO)
- Member of Exceptional Talent Development Center (ETDC) of TUMS
- Member of National Organization of Education of Exceptional Talents (NODET)

CERTIFICATIONS

- "Stem cell culture" Workshop at TUMS, July 2018
- "Gene Therapy" Workshop at TUMS, July 2018
- "Design and application of genomics editing with CRISPR technology" workshop at TUMS, June 2018
- "Statistics and SPSS" Workshop at TUMS, May 2010
- "Design of randomized clinical trials" Workshop at TUMS, May 2009
- Certificated in "Performing scientific experiences on laboratory animals" from TUMS, August 2007

HONORS AND AWARDS

- Presidential Award for Best Poster Presentation " *Spontaneous Regression of Colon Adenocarcinoma: Unraveling the Astonishing Phenomenon*" ACG 2023, Vancouver, CA
- Ranked top 0.03% in the Iran National University entrance exam, 166th among more than 500,000 participants, 2008
- Ranked 10th in pre-internship exam among 200 medical students in Iran, 2014
- Graduated from Art and Literature School in Violin with excellent grade

LANGUAGE PROFICIENCY

- Persian: Native
- English: Full professional proficiency
 - GRE
 - Toefl
- French: Professional Working Proficiency
 - DELF: B1