

CURRICULUM VITAE

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Date of Birth 4th November 1988
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Languages Arabic (native language), English, some French.
Present Post Assistant lecturer and Researcher at Cancer Biology Department, South Egypt Cancer Institute, Assiut University.

Qualifications

MSc in Microbiology and medical immunology, Faculty of Medicine, Assiut University, Egypt, June 2018.

MB BCh, Faculty of Medicine, Assiut University, Egypt, Grade: Excellent with honour, September 2011.

High School Diploma, Mallawi Secondary School, 2005.

Positions Held

House Officer, Assiut University Hospital, March 2012 – February 2013.

Demonstrator and Researcher at Cancer Biology Department, South Egypt Cancer Institute, Assiut University, March 2013 till July 2018

Research Trainee in Department of Molecular Medicine, Mayo Clinic, Rochester, MN, March 2015 till May 2016.

Research Fellow in Department of Molecular Medicine, Mayo Clinic, Rochester, MN, May 2016 till July 2017.

Assistant Lecturer at Cancer Biology Department, South Egypt Cancer Institute, Assiut University, July 2018 till present.

Conferences & Courses Attended

- National Cancer Institute BGO 2018 Annual Conference, November, 2018, Cairo, Egypt
- 10th international scientific conference of south Egypt cancer institute (Cancer management; steps towards excellence), October, 2018, Assiut, Egypt.
- Basic Life Support (Course), September, 2107, Assiut, Egypt.
- Mayo-KI 22nd Annual Scientific Research Meeting, September, 2017, Rochester MN, USA.
- American Society of Gene & Cell Therapy 19th Annual Meeting, May 4-7, 2016, Washington DC, USA.
- Institute For Molecular Virology 12th Annual Symposium, May 16th, 2016, Saint Paul, MN, USA.
- Critical Thinking and Scientific Writing (Course), 2016, Rochester, MN, USA.
- Responsible Conduct of Research (Course), 2015, Rochester, MN, USA.
- Molecular Mechanisms of Human Disease (Course), 2015, Rochester, MN, USA.

- Sixth Annual Scientific Conference of the South Egypt National Cancer Institute, April, 2014, Assiut, Egypt.
- Pharmacotherapy: Pros and Cons Conference, South Egypt National Cancer Institute, April, 2014, Assiut, Egypt.
- Introduction to PCR workshop, Assiut University, August, 2013, Assiut, Egypt.
- Basics of Molecular Biology in Cancer workshop, National Cancer Institute, April, 2013, Cairo, Egypt.
- Surgical Sutures workshop, November, 2012, Assiut, Egypt.
- Basic Life Support workshop, November, 2012, Assiut, Egypt.
- Basics of Infection Control course, November, 2012, Assiut, Egypt.
- Medical Ethics course, November, 2012, Assiut, Egypt.

Awards

- Best oral presentation for young investigators at the 10th international scientific conference of south Egypt cancer institute (Cancer management; steps towards excellence), October, 2018, Assiut, Egypt.

Publications

- El Khatib MM, Ohmine S, Jacobus EJ, Tonne JM, Morsy SG, Holditch SJ, Schreiber CA, Uetsuka K, Fusaki N, Wigle DA, Terzic A, Kudva YC, Ikeda Y. Tumor-Free Transplantation of Patient-Derived Induced Pluripotent Stem Cell Progeny for Customized Islet Regeneration. *Stem Cells Transl Med.* 2016 May;5(5):694-702.
- Morsy SG, Tonne JM, Zhu Y, Lu B, Budzik K, Krempski JW, Ali SA, El-Feky MA, Ikeda Y. Divergent susceptibilities to AAV-SaCas9-gRNA vector-mediated genome-editing in a single-cell-derived cell population. *BMC research notes.* 2017 Dec;10(1):720.

Masters Thesis

- “Cell Cycle-Targeted Gene-Editing for Cancer Gene Therapy”, 2018

Presentations

- In Vivo Beta-Cell-Targeted Gene Editing by AAV Vectors, 19th ASGCT, Washington DC, USA, 2016.
- Towards induced pluripotent stem cells (iPSC)-mediated cell therapy; optimization of beta-cell regenerative efficiency by comparing differentiation strategies and various human iPSC lines, keystone symposium, Keystone CO, USA, 2016.
- CRISPR-Cas9 optimization and its Application in Cancer Gene Therapy by AAV vector, 12th IMV symposium, Saint Paul, MN, USA, 2016.
- CRISPR-Cas9 optimization and its Application in Cancer Gene Therapy by AAV vector, 22nd Mayo-KI Annual Research Meeting, Rochester MN, USA, 2016.
- Genome editing for irreversible tumoricidal gene therapy. 21st ASGCT, Chicago, IL, USA, 2018.

References

- Prof. Dr. Samia Shouman
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