**CURRICULUM VITAE**

Maha Ali Essameldeen Mohamed Ali

**Contact info:**

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**Current positions:**

- Lecturer- Department of Medical Biochemistry - Assiut University- Egypt

**Personal information:**

1) Gender: female

2) Citizenship: Egypt

3) Date of birth: 10/11/1981.

**Degrees:**

2004 MD degree

Grade: Excellent with honors.

School of Medicine, Assiut University, Egypt.

2008 First part of master degree in Biochemistry

Grade: Excellent studying Histology and Histochemistry

2010 Master of Science (M.Sc) in Medical Biochemistry

Grade; Excellent

Department of Medical Biochemistry, School of Medicine, Assiut University, Egypt.

2011 First part of doctorate degree.

Studying Advanced Statistics and Computer, Research Methodology and Medical Ethics

Department of Medical Biochemistry,

School of Medicine, Assiut University, Egypt.

2013 Second part of doctorate degree in Medical Biochemistry

Department of Medical Biochemistry, School of Medicine, Assiut University, Egypt.

**Academic appointments:**

3/2005 - 3/2006 House officer at Assiut University Hospital- Egypt.

3/2006 - 6/2010 Demonstrator at the department of Medical Biochemistry,

School of Medicine, Assiut University, Egypt

6/ 2010 – 1/2017 Assistant lecturer, Department of Medical Biochemistry,

School of Medicine, Assiut University, Egypt.

1/ 2017 lecturer, Department of Medical Biochemistry,

School of Medicine, Assiut University, Egypt.

**Teaching duties:**

1. 1st and 2nd year medical students, School of Medicine, Assiut University.
2. 1st and 2nd year students, School of veterinary Medicine, Assiut University.
3. 3rd year students. School of pharmacy, Assiut University.

**Postgraduate training experiences and workshops:**

1. Fourteen months lab rotation including all methods of molecular biology necessary for cloning a vector for the expression of a protein of interest and transfection experiments using immortalized cell lines and different protein analytical and immunochemical methods such as western blot, immunoprecipitation and immunofluorescence microscopy. Interfaculty Institute for Biochemistry, University of Tübingen, Germany.
2. -Research fellow- Department of physiological science – Eastern Virginia medical school, USA for 2 years.
3. How to compete for a research fund, Assiut University, Egypt.
4. International publishing of research, Assiut University, Egypt.
5. Research Ethics, Assiut University, Egypt.
6. Code of ethics, Assiut University, Egypt.
7. Research team management, Assiut University, Egypt.
8. Effective presentation, Assiut University, Egypt.
9. The 2nd scientific congress of medical biochemistry, Assiut University, Egypt.

**Professional memberships:**

1. American heart association (AHA)
2. Microcirculatory society (MCS)

**Publications:**

1. [Augmented EGF receptor tyrosine kinase activity impairs vascular function by NADPH oxidase-dependent mechanism in type 2 diabetic mouse.](http://www.ncbi.nlm.nih.gov/pubmed/26036345) Kassan M, Ait-Aissa K, **Ali M**, Trebak M, Matrougui K. Biochim Biophys Acta. 2015 Oct; 1853(10 Pt A):2404-10. j. bbamcr.2015.05.032.
2. Inhibition of Epidermal Growth Factor Receptor Tyrosine Kinase and Endoplasmic Reticulum Stress Protects Myocardial from Ischemia - Reperfusion Injury in Type 2 Diabetic Mice. Vishal R. Mali, **Maha Ali**, Samuel Haddox, Khalid Matrougui, and Souad Belmadani. FASEB J April 2016 30:729.3.
3. Disruption of interleukin 12 stimulates and enhances angiogenesis in type 2 diabetes **Maha Ali**, Vishal Mali, Samuel Haddox, Soad Abdelghani, Sahar Eldeek, Atif Abulfadl, and Souad Belmadani., FASEB J April 2016 30:952.4.
4. Stromal Interaction Molecule 1 Disruption Protects Myocardial from Ischemia - Reperfusion Injury.Vishal R Mali, **Maha Ali**, Samuel Haddox, Souad Belmadani, Mohamed Trebak, and Khalid Matrougui. FASEB J April 2016 30:952.5.
5. [Essential Role of IL-12 in Angiogenesis in Type 2 Diabetes.](https://www.ncbi.nlm.nih.gov/pubmed/28837799) Ali M, Mali V, Haddox S, AbdelGhany SM, El-Deek SEM, Abulfadl A, Matrougui K, Belmadani S. Am J Pathol. 2017 Nov;187(11):2590-2601. doi: 10.1016/j.ajpath.2017.07.021. Epub 2017 Aug 22. PMID:28837799
6. Essential Role of Stromal Interaction Molecule 1 in Heart Failure. Vishal Mali, **Maha Ali**, Samuel Haddox, Mohamed Trebak, Khalid Matrougui. Circulation Research. 2016;119: A447
7. Differential Role of Endothelial vs. VSMC STIM1 in Angiogenesis and Arteriogenesis. **Maha Ali**, Vishal Mali, Samuel Haddox, Mohamed Trebak, Souad Belmadani, Khalid Matrougui. Circulation. 2016;134: A15643

**Grants:**

Egyptian ministry of high education Research fellowship

**Languages Spoken:**

1- Arabic (1st language).

2- English. (International TOEFL Scores 86 Internet-based test. equivalent to 567 paper-based test)

3- German (intermediate).

**VOLUNTEER EXPERIENCE:**

- Shared in field clinics in rural areas in Assiut, Egypt.