

# SALAH ELSAID

Aboghanem20002@gmail.com  
15 Stewart St, Athens, OH, USA  
+15678067034



## EDUCATION

### **Kyushu University, Japan**

**2014** Ph.D (Molecular Biology).

### **Sohag University, Egypt**

**2008** MSc (Zoology).

### **Sohag University, Egypt**

**2000** BSc (Zoology).

## ACCOMPLISHMENTS

- Registered a new gene isoform in the gene databank (*Ceacam2L*) under accession number AB731450.
- Characterization of Ceacam2-L localization and interaction in mouse testes.
- Improving the primary culture of Sertoli cell to investigate the role of some drugs in tight junction disruption.
- Improved method for isolation and culturing primary proximal tubule cells to test novel SGLT inhibitors as anti-diabetic drugs.
- The best poster presentation in AFLSIA, Nov, 2013.
- The cover image of Molecular reproduction and development Dec., 2012.
- The cover image of Journal of histochemistry and cytochemistry, Sept., 2014.

## JOB HISTORY

### **Ohio University Athens, Ohio-USA.**

**Postdoc researcher** 2018 – Oct 31 2020.

- Performing frontier research in the field of non-alcoholic fatty liver disease and fibrosis.
- Training and mentoring new lab members on their research projects to improve their theoretical and practical background.
- Teaching and mentoring undergrads and postgrads in the field medical biochemistry and molecular biology.
- Prepare manuscripts for publication in collaboration with faculty, staff and students.
- Present research findings to stakeholders and professional peers.
- Assist and review of outside grants and manuscripts.
- Apply for grants and funding where appropriate .

- Mentor medical, graduate and undergraduate students.

## **Sohag University Naser city, Sohag-Egypt.**

*Assist Lecturer, 2001-2010 Assist. Prof 2014 – Now*

- Conducting research in the field of reproductive biology and non-alcoholic fatty liver diseases.
- Teaching undergrads and postgrads in the field genetics and molecular biology.
- Giving molecular biology and genetics lectures and seminars for all levels of undergrad.

## **Kyushu University Fukuoka city, Japan.**

*Ph.D student 2010 – 2014*

- Conducting research in the field of male reproductive biology.
- Molecular cloning of genes to investigate their sub-cellular localization and interactions .
- Primary culture of Sertoli cells to investigate the effect of cetain drugs on tight junction dynamics.
- Cell lines culture for in vitro studies.
- Teaching undergrads and postgrads in the field genetics and molecular biology.
- Giving molecular biology and genetics lectures and seminars for all levels of undergrad.

## **SKILLS**

- Performed all levels of bench research in molecular and cell biology including data collection and laboratory management.
- Conducted and assisted various procedures such as metabolic phenotyping (glucose and insulin tolerance test), epidermal glomerular filtration rate. Mice injection and gavage administration.
- Mice genotyping and breeding to maintain age matched cohort for metabolic studies.
- Using metabolic cages that cage measure activity, energy expenditure O2 consumption and locomotion.
- Cell culture and isolation of primary cells from kidney proximal tubules and hepatocytes.
- Quantitative real-time PCR and conventional PCR , RNA extraction, western blot analysis.
- Molecular expression cloning of genes.
- Strong bioinformatics experience.
- Excellent statistical and data analysis experience.
- Teaching and mentoring undergrads and postgrads in the field of molecular biology and biochemistry.

## **MEMBERSHIPS**

- Zoological society of Japan, 2012-now.
- Zoological society of Egypt, 2004-now.

## **PUBLICATIONS**

- Mohamed Hamza Hasan and **Salah A. Abd El-Rady** (2012) The effect of fishing pressure on the ecology of sea cucumber populations in the Gulf of Aqaba, Red Sea, SPC Beche-de-mer Information Bulletin 53-59.
- **Salaheldeen E**, Kurio H, Howida A, Iida H (2012) Molecular cloning and localization of a CEACAM2 isoform, CEACAM2-L, expressed in spermatids in mouse testis. Mol Reprod Dev. 79(12):843-852.

- **Salaheldeen E**, Howida A, Wakayama T and Iida H (2014) CEACAM2-L on Spermatids Interacts with Poliovirus Receptor on Sertoli Cells in Mouse Seminiferous Epithelium. JHC (62)9: 632-644.
- Howida A, **Salaheldeen E** and Iida H (2016) Molecular cloning of Spergen-4 encoding a spermatogenic cell-specific protein associated with sperm flagella and acrosome region in rat spermatozoa. Zoological Science, 33(2):195-203.
- Ayoub, H. A., Khairy, M., **Salaheldeen Elsaid**, S., Rashwan, F. A., & Abdel-Hafez, H. F. (2018). Pesticidal Activity of Nanostructured Metal Oxides for Generation of Alternative Pesticide Formulations. Journal of Agricultural and Food Chemistry, 66(22), 5491–5498. American Chemical Society (ACS).
- **Salaheldeen, E.**, Jaume, A., & Michael Najjar, S. (2019). Carcinoembryonic Cell Adhesion-Related Molecule 2 Regulates Insulin Secretion and Energy Balance. International Journal of Molecular Sciences, 20(13), 3231. MDPI AG.

## REFERENCES

- **Prof. Dr. Hiroshi Iida** (Kyushu University-Japan). [iidahiro@agr.kyushu-u.ac.jp](mailto:iidahiro@agr.kyushu-u.ac.jp)
- **Prof. Dr Mohamed Eltonsy** (Calgary University-Canada) Medicine department , Health research innovation center 4A34, Tel: +1 (403) 220-6848 Email: mohammedomarahmed.mo@ucalgary.ca
- **Dr. Harrison Muturi** (Department of Biomedical Sciences Heritage College of Osteopathic Medicine Tel: 740-593-2376 Fax: 740-593-2778 Email: [muturi@ohio.edu](mailto:muturi@ohio.edu)).
- **Res. Assist. Prof. Vishva Sharma**, (Department of Biomedical Sciences Heritage College of Osteopathic Medicine , Tel: 740.593.2227, Email: [sharmav@ohio.edu](mailto:sharmav@ohio.edu)