bv

+966 555 241484

hindalbadrani@outlook.com
h.albadrani@mu.edu.sa

Saudi Arabia, Riyadh

Hind Albadrani

ASSISTANT PROFESSOR

REFERENCES

Dr. Jean-Marc Renaud
Faculty of Medicine at University of Ottawa
+16135625800 Ext 8156
jmrenaud@uottawa.ca

SKILLS

Computer software: Microsoft office, Sigma and SAS analysis

Laboratory techniques: Microscopy, ELISA technique, Cell culture, Electrophoreses, molecular techniques, spectrophotometry and genotyping, PCR, histology, physiology measurement, animal work and surgery …..etc

Language: Arabic and English

Personal Skills: intellectual speaker, good writer, stress management and skilled time management.

ABOUT ME

University of Ottawa PhD. holder Cellular and Molecular Medicine with specialization pathology and experimental medicine. More than 8 years experience in medical research field involving Molecular and physiological mechanism. Participated in several international confrances. Currently, i am assistant professor at Majmaah University.

WORK EXPERIENCE

Assistant Professor
College of Applied Medical Sciences at Majmaah University / Majmaah /Apr 2015 - Present

- Teach student
- Conduct research
- Administration work
- Senior Specialist – Laboratory Molecular Genetics

Laboratory Technician
Department of Pathology and Laboratory Medicine at National Guard Health Hospital Affairs / Riyadh/Aug 2008 - Aug 2009

- Receiving blood samples
- Perform blood testing
- Analyzing specimens
- Writing medical report
- Equipment maintenance
- Troubleshooting

Phlebotomist Training
Ambulatory Care Center Laboratory at National Guard Health Hospital Affairs / Riyadh/Feb 2009 - May 2009

- Collect blood from patients
- Prepare the samples for testing

Safety Laboratory Training
Safety Laboratory Training Department at National Guard Health Hospital Affairs / Riyadh/Feb 2009 - Oct 2009

- Dealing with environmental and chemical hazards
- MSDS
- Internal and external incident,
- Fire
- Blood pathogen infections .... etc

Laboratory Technician Training
Department of Pathology and Laboratory Medicine at Dallah Hospital / Riyadh/July 2007 - Aug 2007

- Training at biochemistry, hematology, and serology lab

Laboratory Technician Training
Department of Pathology and Laboratory Medicine at Alyamamah Hospital / Riyadh/July 2006 - Aug 2006

- Training at biochemistry lab

EDUCATION

Ph.D.
Faculty of Medicine at University of Ottawa / Ottawa, Canada / 2021

PhD. Cellular and Molecular Medicine with specialization pathology and experimental medicine

Master's Degree
Faculty of Medicine at University of Ottawa / Ottawa, Canada / 2015

MSc. Cellular and Molecular Medicine

Post Bachelor Diploma
College of Applied Medical Sciences at King Saud Bin Abdulaziz University for Health Sciences / Riyadh / 2009

Post B.Sc. Clinical Chemistry

Bachelor of Science
College of Science at King Saud University / Riyadh / 2008

B.Sc. Biochemistry
GPA (3.76 out of 5.00)

Activities

- A head of the scientific research and innovation unit at Majmaah University 2022.
- Participation in International Conference on Muscle Wasting, Ascona, Switzerland, 2022.
- A head of the clinical training unit of medical laboratory program at Majmaah University 2022.
- Workshop trainer for a graduate student program at Majmaah University 2022.
- Workshop trainer for a graduate student program at Tmair hospital 2022.
- A member of the scientific research and innovation unit at Majmaah University 2022.
- Participation in International Conference on Muscle Wasting, Ascona, Switzerland, 2018.
- Participation in international conference of Experimental Biology, San Diego, US, 2016.
- Attendance The First Conference in The Biotechnology, Riyadh, Saudi Arabia, 2009.

PUBLICATIONS

- Albadrani H, Ammar T, Bader M, Renaud JM. Angiotensin 1-7 prevents the excessive force loss resulting from 14- and 28-day denervation in mouse EDL and soleus muscle. J Gen Physiol. 2021 Dec 6;153(12):e201912556. doi: 10.1085/jgp.201912556. Epub 2021 Nov 5. PMID: 34739541; PMCID: PMC8576869.
- Albadrani H, Ammar T, Rajgara R, Bader M, Wiper-Bergeron N, Renaud JM. Angiotensin 1-7 increases fiber cross sectional area and force in juvenile mouse skeletal muscle. Am J Physiol Cell Physiol. 2022 Oct 24. doi: 10.1152/ajpcell.00271.2021. Epub ahead of print. PMID: 36280388.
- Liposomal curcumin protects against hypoxic stress induced by sodium nitrite in rats heart (submitted)
- H Khare N, Maheshwari SK, Rizvi SMD, Albadrani HM, Alsagaby SA, Alturaiki W, Iqbal D, Zia Q, Villa C, Jha SK, Jha NK, Jha AK. Homology Modelling, Molecular Docking and Molecular Dynamics Simulation Studies of CALMH1 against Secondary Metabolites of *Bauhinia variegata* to Treat Alzheimer's Disease. Brain Sci. 2022 Jun 12;12(6):770. doi: 10.3390/brainsci12060770. PMID: 35741655; PMCID: PMC9220886.
- Biofabrication and their in-vitro toxicity of Selenium Nanocrystalline by using waste part (Peel) of Benincasa hispida (submitted)
- Optimizing the Approach for Maintaining Single Muscle Fibers in Culture (prepared to submit)