



CURRICULUM VITAE (C.V)

Personal Information:

- Name: **Ali Moosa A Mahzari**
- Date of Birth: **24 Apr 1982**
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- Marital Status: **Single**
- Gender: **Male**
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- Research gate link: https://www.researchgate.net/profile/Ali_Mahzari2
- Linkedin link: <https://www.linkedin.com/in/ali-mahzari-27a3866b/>

Educational Qualifications:

- 2004 – 2005. Bachelor Degree in Clinical Laboratory Sciences, College of Applied Medical Sciences. King Saud University, Riyadh. G.P.A (3.47/5.00).
- 2008 – 2010, Master Degree of Laboratory Medicine, School of Medical Sciences, major Clinical Biochemistry, RMIT university, Melbourne, Australia. G.P.A (2.9/4.00).
- 2014 – 2018, Doctor of Philosophy (Laboratory Medicine - Lipid Biology and Metabolic Disease Laboratory, School of Health and Biomedical Sciences)

Professional Training – working Experience:

- 2005 – 2006 One year internship at Military Hospital. Riyadh.
- 2006 – 2008 Working at King Fahad Medical City as a Lap Technologist II (Biochemistry Department).
- 2012 – 2013 Working as researcher within the centre for Cancer Research at MIMR, part of Monash University.
- 2008 – 2017 An executive member in Saudi Club in Melbourne.
- 2009 – Present Member of Australian Association of Clinical Biochemists (AACB).
- 2011 – Present Working at Albaha University, Faculty of Applied Medical Sciences, Laboratory Medicine Department.
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- 2019 – Present as An Editorial Board Member in Advances in Diagnostics and Laboratory Medicine, Journal of Clinical Chemistry and Laboratory Medicine.
- 2019 – 2021 Head of Basic Sciences Department, faculty of Applied Sciences at Albaha University.
- 2021 – Present Head of Laboratory Medicine Department, faculty of Applied Sciences at Albaha University.

Medical Conference – Training course:

- 2005 The International Conference on Avian Influenza – King Abdulaziz Medical City – Riyadh – KSA.
- 2007 The Quality Control Basic Training at King Fahad Medical City, Riyadh, Saudi Arabia.

- 2007 The First Riyadh Clinical Chemistry Club Meeting.
- 2008 – 2011 An executive member in Saudi Club in Melbourne.
- 2011 Attending the 8th Annual Conference of Holy Makkah Laboratories (Quality & Management in Medical Laboratories).
- 2016 Poster presentation ADS conference in Adelaide.
- 2016 Speaker at hepatitis conference in Dubai, 10 – 12 October.
- 2016 Poster presentation at 3rd Australian Lipid Meeting, 21-22 November, Baker ID heart and Diabetes institute, Melbourne.
- 2018 Speaker for the 2nd World Congress on Gastroenterology, Kuala Lumpur.
- 2018 Poster presentation EMBL Australia Postgraduate Symposium, Brisbane.
- 2019 Attending the Health in the Digital Era Conference, Albaha University.
- 2019 Poster presentation at Saudi Laboratory and Diagnostics Congress, Jeddah, KSA.
- 2019 Attending the Second International Conference on Education (Future Prospects), Albaha University.
- 2021 Speaker for First SSCC Journal Club Meeting, title "Current Status of Knowledge Regarding Non-alcoholic Fatty Liver Disease" Virtual Meeting.
- 2021 Speaker for Virtual Medical Academy, title "The Silent Liver Disease in Saudi Arabia".
- 2021 Quality Ambassador at Saudi Standards, Metrology and Quality Organization.

International Experience

- 2008 Sport activities leader of REW students.
- 2010 Representative of postgraduate student in Master of Laboratory Medicine at RMIT.
- 2013 Group leader of Australian Federation of International Students.
- 2016 – 2017 An executive member of HDR students of Health and Biomedical Sciences at RMIT.

Research Output:

- **Matrine Protects Against MCD-Induced Development of NASH via Upregulating HSP72 and Downregulating mTOR in a Manner Distinctive from Metformin.**
Mahzari A, Li S, Zhou X, Li D, Fouda S, Alhomrani M, Alzahrani W, Robinson SR, Ye JM.
Front Pharmacol. 2019 Apr 24;10:405. doi: 10.3389/fphar.2019.00405. eCollection 2019.
PMID: 31068812
- **Preconditioning lessens high fat induced metabolic syndrome along with markers of increased metabolic capacity in muscle and adipose tissue.**
Li S, Zhou X, Jo E, **Mahzari A**, Fouda S, Li D, Zhang K, Ye JM.
Biosci Rep. 2018 Dec 14;38(6). pii: BSR20181873. doi: 10.1042/BSR20181873. Print 2018 Dec 21.
PMID:30455397
- **Repurposing matrine for the treatment of hepatosteatosis and associated disorders in glucose homeostasis in mice.**
Mahzari A, Zeng XY, Zhou X, Li S, Xu J, Tan W, Vlahos R, Robinson S, Ye JM.
Acta Pharmacol Sin. 2018 Nov;39(11):1753-1759. doi: 10.1038/s41401-018-0016-8. Epub 2018 Jul 6.
PMID:29980742
- **Cigarette smoking blocks the benefit from reduced weight gain for insulin action by shifting lipids deposition to muscle.**
Khan A, Fouda S, **Mahzari A**, Chan SMH, Zhou X, Ratnam C, Vlahos R, Ye JM. Clin Sci (Lond). 2020 Jul 17;134(13):1659-1673. doi: 10.1042/CS20200173. PMID: 32573727
- **An Overview on COVID-19 and its Effect on Cardiovascular Diseases.**
Abdullah Hamadi, **Ali Mahzari**, Abdulrahim Hakami, Salwa Hindawi, Gasim Dobie, M I Sayyed, Fawaz Hamdi, Mohammed Nahari, Denise E Jackson. Endocr Metab Immune Disord Drug Targets. 2020 Dec 28.
doi: 10.2174/1871530321999201228214718.
- **Endoplasmic Reticulum Stress Provocation by Different Nanoparticles: An Innovative Approach to Manage the Cancer and Other Common Diseases.**
Khan AA, Allemailem KS, Almatroudi A, Almatroodi SA, **Mahzari A**, Alsahli MA, Rahmani AH. Molecules. 2020 Nov 16;25(22):E5336. doi: 10.3390/molecules25225336.
- **Rutin and flavone analogs as prospective SARS-CoV-2 main protease inhibitors: In silico drug discovery study.**
M.A.A. Ibrahim, E.A.R. Mohamed, A.H.M. Abdelrahman, K.S. Allemailem, M.F. Moustafa, A.M. Shawky, **A. Mahzari**, A.R. Hakami, K.A.A. Abdeljawaad, M.A.M. Atia. Journal of Molecular Graphics and Modelling. 2021 March <https://doi.org/10.1016/j.jmgm.2021.107904>.
- **Exposure to cigarette smoke precipitates simple hepatosteatosis to NASH in high-fat diet fed mice by inducing oxidative stress.**
Sherouk Fouda, Anwar Khan, Stanley M H Chan, **Ali Mahzari**, Xiu Zhou, Cheng Xue Qin, Ross Vlahos, Ji-Ming Ye. Clin Sci (Lond). 2021 Sep 17;135(17):2103-2119. doi: 10.1042/CS20210628.

Languages:

Language	Conversational level	Writing level	Reading level
English	Excellent	Excellent	Excellent
Arabic	Excellent	Excellent	Excellent

References:

1) Professor Jiming Ye (PhD, MD)
Leader of Natural Products Research Program
Head of Lipid Biology and Metabolic Disease Laboratory
Coordinator for Research Methods in Health Course
Human Bioscience Discipline, School of Health and Biomedical Sciences
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Documents:

Are available upon request.