

CURRICULUM VITAE

PERSONAL DATA

Name	Sondos Almahmoud
Nationality	Saudi Arabian
Position	Assistant Professor
E-Mail	Salmahmoud@imamu.edu.sa
Phone	97137

EDUCATION

Year	Academic Degree	Institution
2019	Doctor of Phelosophy (PhD) in Chemistry	University of Glasgow, Glasgow, United Kingdom.
2014	Masters (MSc) in Chemistry with Medicinal Chemistry	University of Glasgow, Glasgow, United Kingdom.
2010	Bachelor (BSc) degree in Chemistry	King Saud University, Riyadh, Saudi Arabia.

WORK EXPERIENCE

Period	Position	Address
2021-present	Member of Development and Quality Committee at the Department of Chemistry	Imam Mohammad ibn Saud Islamic University, Riyadh, Saudi Arabia.
2020-2022	Member of the Research Centre at the College of Science	Imam Mohammad ibn Saud Islamic University, Riyadh, Saudi Arabia.
2020-present	Assitant professor	Imam Mohammad ibn Saud Islamic University, Riyadh, Saudi Arabia.
2018-2019	Lecturer	Imam Mohammad ibn Saud Islamic University, Riyadh, Saudi Arabia.
2017-2018	Teaching Assistant	Imam Mohammad ibn Saud Islamic University, Riyadh, Saudi Arabia.

2018-2019	Demonstrator	School of Chemistry, University of Glasgow, Glasgow, United Kingdom.
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RESEARCH INTERESTS

My research is focused upon the design, synthesis of novel small molecular organic compounds for different applications. Key applications include; optoelectronic applications such as photovoltaics (OPVs), perovskite solar cells (PSCs), dye sensitized solar cells (DSSCs), organic field-effect transistor (OFET), and organic redox flow batteries. My research also includes working on the design and synthesis of small molecular organic materials with biological functionality.

PUBLICATIONS

1. Mica, N.A., Almahmoud, S.A.J., Krishnan Jagadamma, L., Cooke, G. and Samuel, I.D.W. (2018) An investigation of the role acceptor side chains play in the processibility and efficiency of organic solar cells fabricated from small molecular donors featuring 3,4-ethylenedioxythiophene cores. RSC Advances, 2018(8), pp. 39231-39240. (doi: 10.1039/C8RA07034B).
2. Sondos Abdullah J Almahmoud, Michele Cariello and Amin Osman Elzupir. (2023) Ferrocenyl hydroxy methyl coupled caffeine synthesis, density functional theory, ADME prediction and docking analysis of its binding interactions to coronavirus main protease. Accepted.