

Curriculum Vitae



Dr. Sadeekah O. Saber

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Pharmaceutical Organic Chemistry

Qualifications:

(Undergraduate and Graduate)

2014-2019 Ph.D. (Cumulative Average = excellent)

University of Jordan, (Amman-Jordan). Major: Organic Chemistry, minor: Pharmaceutical Biochemistry /Bioorganic chemistry

Research advisor: Prof. Raed A. Al-Qawasmeh & Prof. Yaseen A. Al-Soud
Dissertation: "Synthesis and Characterization of New Triazole/Isoxazole-Nitroimidazole Hybrid Systems *via* Click Chemistry as a Potential Biologically Active Motifs"

2005-2009 M.Sc. Al Al-Bayt University, (Al-Mafraq-Jordan). Major Organic Chemistry.

Research advisors: Prof. Yaseen A. Al-Soud, & Dr. Haitham H. Al-Sa'doni.
Dissertation: "New Benzothiazole Derivatives: Reaction of (4-benzothiazol-2-yl-piprazine-1-yl) – acetic acid hydrazide with sulfonyl chloride"

2001-2005 B.Sc. Al Al-Bayt University, (Al-Mafraq-Jordan). In Chemistry.

Other Certificates:

2005 International computer driving licence (ICDL), European computer driving licence foundation, Jordan.

2020 Arabic language equivalent certificate, Arabic Language Academy, Jordan.

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Academic and Research Experiences:

- Nov/2020 - Present** **Assistant professor** at Department of Pharmaceutical science in College of Pharmacy, Jerash University, (Jerash- Jordan). <http://www.jpu.edu.jo>
- Oct/ 2019 – Feb/ 2020** **Assistant professor** at Department of Chemistry in College of Science, Isra University, (Amman- Jordan). <https://www.iu.edu.jo>
- Sep/ 2017 - Aug/ 2019** **Research assistant** at Department of Chemistry in College of Science, University of Jordan, (Amman- Jordan). <http://www.ju.edu.jo>
- Sept/ 2013 - Aug/ 2017** **Lecturer / Ranked as a teacher** at Department of Chemistry in College of Science, Zarqa University, (Zarqa-Jordan). <http://www.zu.edu.jo>
- Sept/ 2010 - Sept/ 2013** **Lecturer / Ranked as a teacher assistant** at College of Allied Medical Science, Zarqa University, (Zarqa-Jordan). <http://www.zu.edu.jo>
- Sep/ 2007 – Jun/ 2009** **Teaching and Research assistant** at Department of Chemistry in College of Science, Al al-Bayt University, (Al-Mafraq - Jordan). <https://www.aabu.edu.jo>

Workshops and Training courses Attended:

- Feb/ 2021** Foundation in food safety management system and HACCP in accordance with ISO 22000: 2018 and HACCP requirements. (10 hours), TUV- Austria - Quality & ISO Training center and Consultant, (Amman-Jordan).
- March/ 2021** Foundation in QA & QC and GMP in Pharmaceutical Industry. (20 hours), TUV- Austria - Quality & ISO Training center and Consultant, (Amman-Jordan).
- Oct - Nov/ 2018** Basic Applied Biotechnology, (60 hours), MONOJO training center (Jordan company for antibody production), (Amman-Jordan).

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- Nov/ 2017** Workshop on Chemical safety and security, and on scientific writing and publishing, organized and accredited by American Chemical Society (ACS) and The University of Jordan, (Amman-Jordan)
- Sep / 2010** Preparation workshop for Teaching technique of new faculty members, (1 week), Zarqa University, (Zarqa-Jordan).
- Dec/ 2006 – Jan/ 2007** Spectroscopic techniques for Identifying Organic Compounds: NMR- Nuclear magnetic resonance, GC-MS spectrometry, HPLC, and elemental analysis, Analysis and Training workshop, (1 month), Al al-Bayt University, (Al-Mafraq-Jordan).
- Sep/ 2005** Training course in the Industrial Chemistry Center covering: Analytical lab, Chromatography, (Nutrition) Organic, Artificial Gases, Fibers, Paints, and Industrial oil Labs., (1 month), at The Royal Scientific Society, (Amman-Jordan).

Research Grants and Funded Projects:

- Member at Research group on “Synthesis and Biological Activity of Nitroimidazole Derivatives as a Potential Anti-tumor and Anti-bacterial Agents” This Project was funded by the Scientific Research Support Fund (2017-2020).
- "Synthesis and Characterization of New Triazole/Isoxazole- Nitroimidazole Hybrid Systems *via* Click Chemistry as a Potential Biologically Active Motifs" This Project was funded by the Deanship of Scientific Research - University of Jordan -Grant (3,000) for pursued Ph.D. (2017-2019).
- "New Benzothiazole Derivatives: Reaction of (4-benzothiazol-2-yl-piprazine-1-yl) – acetic acid hydrazide with sulfonyl chloride" This Project was funded by the Deanship of Scientific Research - Al al-Bayt University -Grant (1,500 JD) for pursued M.Sc. study (2007-2009).

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Professional Memberships and Academic Committees:

- Member of the ACS American Chemical Society, Organic Chemistry Division, **(2017 to present)**.
- Member of the ACS American Chemical Society, Medicinal Chemistry Division, **(2017 to present)**.
- Member of the JCS Jordanian Chemical Society, **(2007 to present)**.

Throughout my working as an academic staff member, I involved as a member of many committees:

- Member of the faculty of science committee for the Quality Assurance.
- Member of the committee of courses equivalence for students in the faculty of allied medical science.
- Member of the Library committee for faculty of science.
- Member of the committee of development and accreditation for faculty of science.
- Member of the faculty of science committee for student behavior and judgments.

International and local Conferences (Abstracts and attendances):

1. **Sadeekah O. Saber**, Yaseen A. Al-Soud, Monther A. Khanfar, and Raed A. Al-Qawasmeh
"Studies on Some Reactions and Medicinal Significance of Nitroimidazoles"
Abstr. The 16th Jordanian Chemical Conference (JCC 16th), Five Decades of chemistry in Jordan: Challenges and Accomplishments, Jordan, October, **2019**, pPO15.
2. **Sadeekah O. Saber**, **The 14th Jordanian Chemical Conference on The Role of Chemical Research in the Development of Jordanian Industry**, organized by The Jordanian Chemical Society, Al al-Bayt University, Al-Mafraq- Jordan, April, **2015**.
3. Yaseen A. Al-Soud, Haitham H. Al-Sa'doni, and **Sadeekah O. Saber**
"New Benzothiazole Derivatives: Reaction of 2- Amino-1-(4-(benzo[d]thiazol-2-yl) piperazine-1-yl) ethanone with aldehydes"
Abstr. Petra International Chemistry Conference (PICC), Jordan, **2007**, pPO19.

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Publications:

1. Mansour H. Almatarneh, Ismael A. Elayan, Mazen Al-Sulaibi, Ahmad Al Khawaldeh, **Sedeeqa O. W. Saber**, Mahmood Al-Qaralleh, and Mohammednoor Altarawneh. "Unimolecular Decomposition Reactions of Propylamine and Protonated Propylamine" *ACS Omega*, **2019**, 4, 3306–3313.
2. Yaseen A. Al-Soud, Haitham H. Al-Sa'doni, **Sadeekah O. W. Saber**, Reem H. M. Al-Shaneek, Najim A. Al-Masoudi, R. Loddo, and P. La Colla. "Synthesis, *in vitro* Antiproliferative and Anti-HIV Activity of New Derivatives of 2-Piperazino-1,3-benzo[d]thiazoles" *Z. Naturforschung*, **2010**, 65b (11), 1372-1380.

Teaching Experience:

- **Courses given for under-graduate students**
 1. Pharmaceutical organic chemistry I & II / Theoretical
 2. Chemistry of biomolecules / Theoretical
 3. Organic Chemistry I/ Theoretical and practical
 4. Organic Chemistry II/ Theoretical and practical
 5. Organic Chemistry III/ Theoretical
 6. General Chemistry for non-chemistry Students/ Theoretical and practical
 7. General Chemistry I / Theoretical and practical
 8. General Chemistry II/ Theoretical and practical
 9. Chemistry of heterocyclic organic compounds / theoretical

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References:

1) Dr. Raed A. Al-Qawasmeh, Prof.

Head for the Chemistry Section / School of Sciences

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3) Dr. Raed Ghanem, Prof.

Chairman of the Jordanian Chemical Society

Former dean, School of Science

Al al-Bayt University, Al-Mafraq-Jordan

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2) Dr. Yaseen A. Al-Soud, Prof.

Former dean, School of Science

Al al-Bayt University, Al-Mafraq-Jordan

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4) Dr. Mansour H. Almatarneh, Prof.

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Personal Information:

Place Birth: Amman- Jordan

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