

Curriculum Vitae

Name: Rasha Saad Jwad

Place & Date of Birth: Baghdad 1982

Marital Status: Married

Sex: Female

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Websites:

- 1- [Linkedin.com/in/rasha-jwad-10739b131](https://www.linkedin.com/in/rasha-jwad-10739b131)
- 2- <https://scholar.google.com/citations?user=rQqVrEUAAAAJ&hl=en>

Academic Qualifications:

- 1- PhD Medicinal Chemistry, School of Chemistry, The University of New South Wales, 2018.
- 2- MSc Organic Chemistry, University of Baghdad, College of Education Ibn Al Haitham, 2007.
- 3- BSc Chemistry, University of Baghdad, College of Education Ibn Al-Haitham, 2003.

Academic Appointments:

- 1- Lecturer of Organic Chemistry, Department of Chemistry, College of Science, Al-Nahrain University, 2007–present.
- 2- Casual laboratory demonstrator of chemistry, School of Chemistry, Faculty of Science, The University of New South Wales.

Research Interests:

- 1- Medicinal chemistry.
- 2- Sugar Chemistry
- 3- Heterocyclic Chemistry
- 4- Organometallic Chemistry.

Courses Taught:

- 1- Practical organic chemistry, 1st, 2nd and 3rd year, College of Science, Al-Nahrain University.

- 2- Practical heterocyclic chemistry, 4th year, College of Science, Al-Nahrain University.

Membership:

- 1- The Royal Australian Chemical Institute RACI.
- 2- The American Chemical Society ACS.

Conferences:

- 1- Rasha Jwad and Luke Hunter, "**Fine-tuning**" the shape of a cyclic peptide using **selective fluorination chemistry**, 2015 *RACI Annual Natural Products Chemistry Group*, University of Wollongong, Sydney, September, 2016. 1st poster winner.
- 2- Rasha Jwad, Luke Hunter, Roger Read, **Functionalized fluorinated molecules with applications in biology**, 2015 *International Chemical Congress of Pacific Basin Societies*, Honolulu, Hawaii, December, 2015. Poster presentation.
- 3- Rasha Jwad, 2015 *RACI Annual Natural Products Chemistry Group*, University of Western Sydney, Sydney, September, 2015. Attendance.
- 4- Rasha Jwad, Luke Hunter, Roger Read, **Sigma 1 receptor ligands in biology and medicine**, *Medicinal Chemistry & Chemical Biology Division Symposium*, University of Sydney, Sydney, September, 2015. Poster presentation.
- 5- Rasha Jwad, Luke Hunter, Roger Read, **Sigma 1 receptor ligands in biology and medicine**, *Annual Research Poster Day*, University of New South Wales, Sydney, September, 2015. Poster presentation.
- 6- Rasha Jwad, Luke Hunter, Roger Read, **Sigma 1 receptor ligands in biology and medicine**, *The annual Postgraduate Research Competition*, University of New South Wales, Sydney, September, 2015. Poster presentation.
- 7- R.S. Jwad and F.M. Ibrahim, **Synthesis and Characterization of Tetradentate Bissalicylaldehyde Schiff Base with Some Transition Metals Complexes**, *1st Scientific Conference, College of Education for Pure and Applied Science*, Kerbala University.
- 8- Y.Ali, A.I. Mohammed and R.S. Jwad, 2009, "Synthesis of 1-[(2hydroxyethyl)-4{2-oxy-(2',3'-O-isopropylidene-D mannofuransyl)}ethyl]triazoles via Click Chemistry" Proceeding of 3rd Scientific Conference of the College of Science, University of Baghdad, Baghdad.

Publications:

- 1- Rasha S. Jwad, Alan H. C. Pang, Luke Hunter, Roger W. Read, **In Pursuit of Fluorinated Sigma Receptor Ligand Candidates Related to [18]-FPS**, *Aust. J. Chem.*, 2019, 72, 213–225.
- 2- A. R. Patel, X. Hua, A. Lawer, Md. Ahmed, C. Au, R. Jwad, J. Trinh, C. Gonzalez, E. Hannah, M. M. Bhadbhade, L. Hunter, **Scalable, stereoselective syntheses of α,β -difluoro- γ -amino acids**, *Tetrahedron*, 2016, 72, 3305–3317.
- 3- A.I. Mohammed, R. S. Jwad and N. A. A. Al-Radha, **Copper (I) Catalyzed Synthesis and Biological Evaluation of Tetrakis-1,2,3-Triazoles Based on D-Iditol**, *Int. J. Chem. Sci.*, 2013, 11(1), 1–11.
- 4- R. S. Jwad, **Synthesis of New Bis-Heterocyclic Derivatives based on 1,2,3-Triazolenes and Study of their Antibacterial Activity**, *Al-Nahrain University Journal for Science*, 2012, 15 (2), 55–62.
- 5- R.S. Jwad, A.I. Mohammed and M. S. Shihab, **Synthesis of 1,2,3-Triazoles Based on Phenacyl Azide Derivatives via Click Chemistry**, *Iraqi J. Sci.*, 2012, 53 (3), 487–494.
- 6- R. S. Jwad, **Synthesis of 1-Nonyl-4-[(6-Deoxy-1,2:3,4-Di-O-Isopropylidene- α -D-Galactos-6-yl)oxymethyl]1H-1,2,3-Triazole Via Click Chemistry**, *Al-Nahrain University Journal For Science*, 2011, 14 (1), 58–67.
- 7- A.I. Mohammed, R.S. Jwad, **Synthesis and NMR Study of Some Important Glucopyranosyl Derivatives**, *J. Kerbala University*, 2011, 9 (1), 42–48.