**Dr Samra Abdalhadee Ahmed Qaraghuli**

[**Samar.bio@yahoo.com**](mailto:Samar.bio@yahoo.com)

I Joined Al Mustansiriyia University in 2008 as biologist worked at National Diabetic Centre, then moved to develop teaching in Pharmacognosy and Medicinal plant department in the school of pharmacy. I completed my PhD in Microbiology for which I won the first prize of AMP Ignite Competition 2018. I was also nominating as Future Scientist Award Winner 2018. During this time, I worked on purifying novel antibiotics from Macro fungi.

**Objectives** I do believe that Science is the base of any achievement and will solve most complicated problems in the world.

**Education Flinders University**

Adelaide, Australia

*Doctor of Philosophy in Microbiology (Australian Macrofungi as a source for bioactive compounds)*

Graduated: 2018

**Al-Mustansiriyia University**

Baghdad, Iraq

*Master of Science (Botany)*

Graduated: 2008

**Al-Mustansiriyia University**

Baghdad, Iraq

*Bachelor of Science* (Biology / Biotechnology)

Graduated: 2005

**Technical Expertise**

* Molecular biology such as, DNA extraction, RNA extraction, PCR, cDNA synthesis
* Medical microbiology using quantitative genetics analysis, Serology and Bacteriology procedures
* Cell Biology and tissue culture techniques, cell culture and standard culture media preparation, stem cells isolation and maintains
* Mycology such as mushroom cultivation and preservation
* Natural Products Extraction and Purification
* Data analysis using IBM SPSS Statistics, Primer 7, Sequencher

**Training Experience/ Intern**

**Intern Novartis Pharmaceuticals Australia January 2019- 2021**

Sydney, Australia

**Medical Team / Literature reviewer**

**Ethics, Risk and Compliance Coordinator**

**Manage Access Program Coordinator**

Communicating with internal and external stakeholders.

**Al-Mustansiriya University 2011 – current**

*Assistant Lecturer, College of Pharmacy*

* Lab Training-Lecturer (Medicinal Plant) @Second stage, Al-Mustansiriyah University 2011-2012.
* Lab Training-Lecturer (Pharmacognosy) @Third stage, Al-Mustansiriyah University 2011-2012.
* Kept abreast of latest research related to Pharmacognosy and medicinal plants
* Prepared educational materials and handouts
* Developed and delivered coursework and assignments to meet the course requirements
* Organised, prioritised and completed work to meet defined turnaround time and expectations

*Associate Biologist, National Diabetes Centre* **2009 – 2011**

* Bacteriology Serology procedures
* Collected specimens, blood and urine samples using venepuncture and other collection procedures
* Prepared bacterial media and performed microscopic tests to produce reliable and precise data
* Adhered to strict safety and standard operating procedures

**Professional Affiliations and Activities**

**Adelaide Secondary School 2016**

South Australia

*Volunteer Bilingual Worker*

**Pharmacy School and Medical Science 2018**

University of South Australia/ *Work Experience*

**Awards and Grants**

* *Nominated by Flinders University for PhD Excellence Award 2019*
* *AMP Amplify Ignite competition - first prize winner 2018*
* *Future Scientist Award winner of South Australia 2018*
* *Flinders University Student Association (FUSA) Development Grant 2016*
* *The Australasian Mycological Society (AMS) Conference Travel Grant 2016*
* *Research Higher Degree International Conference Grant 2016*
* *Field Naturalists Society of South Australia Grant 2015*
* *The Higher Committee for Education Development in Iraq (HCED), Doctoral Scholarship 2013*
* *Flinders University Horizon Award Silver, Gold and Platinum certificates 2018*

**Short Courses at Flinders University 2014-2018**

* Time Management
* Risk management
* Conflict of interest management
* Conflict management
* Critical thinking

**Publications**

* Catcheside, Pam; Walsh, Richie and Qaraghuli, Samra. Report on the workshop of the Adelaide Fungal Studies Group, Deep Creek Conservation Park, 2-6 July 2015 [online]. South Australian Naturalist, the, Vol. 89, No. 2, Jul-Dec 2015: 103-110. Availability: <https://search.informit.com.au/documentSummary;dn=827047192216535;res=IELHSS> ISSN: 0038-2965.
* Catcheside, PS, Qaraghuli, S & Catcheside, DE 2017, 'A new species of small black disc fungi Smardaea australis (Pezizales, Pyronemataceae), is described from Australia' Presented at 10 conferences spanning 6 countries

**Membership**

* Field Naturalists Society of South Australia
* The Australasian Mycological Society (AMS)
* The Australian Society for Microbiology