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Education:

Doctorate of philosophy, from Liverpool John Moores University (UK), School of Pharmacy and Biomolecular Sciences – Liverpool John Moores University. Byrom Street, Liverpool (L3 3AF)

- I have scholarship funded by my government to study a PhD in Liverpool John Moores University.
- In my project, we follow bioassay guided, that mean we are extract plants using different solvents then working with further fractionated like: Vacuum liquid chromatography, Thin layer chromatography, Solid phase extraction, HPLC and NMR. Looking for the active compound has ability to inhibited microbial activity.
- To improve my skills, development my information and increase my ability to present my work, I attended training, workshops and conferences;
 - the Graduate school conference 2016 at LJMU
 - the Graduate school conference 2017at LJMU
 - The 9th MMU Postgraduate
 - Work shop in HPLC, NMR at LJMU
 - Work shop in NMR at MMU
 - Work shop in NMR at Liverpool University.
 - Presentation Work shop at LJMU
- PhD - Natural product compound |2015 -2019| School of Pharmacy and Biomolecular Sciences – Liverpool John Moores University. Byrom Street, Liverpool (L3 3AF)
- MSc. Medicinal plants |2003 – 2005|, College of Education for Pure Science/ University of Diyala/ Baqubah- Diyala – Iraq
- BSc. Biology - |1998 - 2002| |, College of Education for Pure Science/ University of Diyala/ Baqubah- Diyala – Iraq

Work experience:

- Part time work as interpreter with Opera Group from Arabic to English and visa rise;

- Part time work as invigilator at Liverpool University;
- Demonstration at LJMU;
- Lecturer at College of Education for Pure Science/ University of Diyala;
- Lecturer at College of Basic Education / University of Diyala;
- Working in microbiology lab at Baqubah hospital, Diyala, Iraq;
- Lecturer at College of Science/ University of Diyala
<http://www.en.sciences.uodiyala.edu.iq/> Main responsibilities: teaching medicinal plants, Plant taxonomy and anatomy and phytochemistry.
- Publications:
 - Anti-MRSA Constituents from *Ruta chalepensis* (Rutaceae) Grown in Iraq, and In Silico Studies on Two of Most Active Compounds, Chalepensin and 6-Hydroxy-rutin 3', 7-Dimethyl ether. • *Molecules* 26 (4), 1114, 2021
 - Anti-MRSA activity of oxysporone and xylitol from the endophytic fungus *Pestalotia* sp. growing on the Sundarbans mangrove plant *Heritiera fomes*, *Phytotherapy Research* 32 (2), 348-354 (13), 2018
 - Antimicrobial activity of kojic acid from endophytic fungus *Colletotrichum gloeosporioides* isolated from *Sonneratia apetala*, a mangrove plant of the Sundarbans, *Asian Pacific Journal of Tropical Medicine* 11 (5), 350-354 (8) 2018
 - Flavonoids from two Turkish *Centaurea* species and their chemotaxonomic implications, *Trends in Phytochemical Research* 1 (4), 243-248 (3), 2017
 - Isolation and antimicrobial activity of rutin and its derivatives from *Ruta chalepensis* (Rutaceae) growing in Iraq, *Records of Natural Products* 13 (1), 64-70 (8), 2019
 - Sonneratinone: a new antimicrobial benzofuranone derivative from the endophytic fungus *Aspergillus niger* isolated from the mangrove plant *Sonneratia apetala* Buch.-Ham, *Trends in Phytochemical Research (TPR)* 3 (3), 225-230.
 - Effect of *Ricinus communis* on porcine uterine muscle's contractility. (Conference paper) Conference: 13th International Scientific Conference "Biotechnology and Quality of Raw Materials and Foodstuffs_2018At: Slovak Republic. Sushmita Nath, Shaymaa Al-Majmaie, Lutfun Nahar, James E Downing, Kenny J Ritchie and Satyajit D Sarker
 - Extraction of a bioactive compound from the endophytic fungus *Aspergillus* sp. isolated from the mangrove plant *Sonneratia apetala*, Conference Poster: Phytochemical Society of Europe's Young Scientists' Meeting on Advances in Phytochemical Analysis. Tauhidur Nurunnabi, Shaymaa Almajmaie, Ismini Nakouti and Satyajit Sarker.
 - The effect of magnetic field in germination characteristics for each wheat (*Triticum aestivum*) and broad bean. *Karbala International Journal of Modern Science*, 2012.

- Identification of some secondary metabolic compounds in Ocimum (Ocimum basilicum L.) and study the effect of volatile oil on some pathogenic bacteria. Diyala Agricultural Sciences Journal 2 (1), 15-24, 2010.

References:

- Professor Satya Sarker BPharm (Hons) MPharm PhD FHEA Director, School of Pharmacy and Biomolecular Sciences, Liverpool John Moores University, James Parsons Building, Byrom Street, Liverpool, L3 3AF
t: 01512312096 e: S.Sarker@ljmu.ac.uk Homepage: <https://www.ljmu.ac.uk/about-us/staff-profiles/faculty-of-science/pharmacyand-biomolecular-sciences/satyajit-sarker>
- Dr Lutfun Nahar PhD MRSC FHEA, Managing Editor, Phytochemical Analysis, Website: <https://drnahar.wixsite.com/personal>
PSE-YSM conference: <https://ysm2018.wixsite.com/welcome>
3-ISPMF conference: <https://ispmf2018.wixsite.com/kunming>
- Dr George Sharples. Pharmacy and Biomolecular Sciences <https://www.ljmu.ac.uk/about-us/staff-profiles/faculty-of-science/pharmacy-and-biomolecular-sciences/george-sharples>.