# Curriculum vitae (C.V.)

**Personal data**

**Name:** Samar Abdullah Aldossari

**Nationality:** Saudi

**E-mail:** samaldossari@ksu.edu.sa

**Tel.:** +966507873209

**Specialization:** Analytical chemistry (drug detection)

**Current working:** Lecturer in department of chemistry - College of Science - King Saud University

## Academic degrees:

- Bachelor of Science and Education, specializing in chemistry with an excellent grade with honours - College of Education for Girls, Scientific Departments (currently King Faisal University) (2001).

- Master of Science in Analytical Chemistry - King Saud University in the Departments of Science and Medical Studies (2007).

  **Dissertation title:** spectroscopic determination of some antihypertensive pharmaceutical compounds.

- Doctorate of Philosophy in Analytical Chemistry from the University of Manchester, UK, (2020).
  **Thesis title:** Detection and localisation of drug molecules in biological samples using Secondary Ion Mass Spectrometry (SIMS).

## Career history:
- Lecturer in the Department of Chemistry, College of Science, King Saud University, KSA. (2012-2020)

- Lecturer in the Department of Chemistry, College of Science, King Faisal University, KSA. (2009 -2011)

- Demonstrator in the Department of Chemistry, College of Science, King Faisal University, KSA (2007-2008)

-

**<u>Scientific publications</u>**

1. S. Aldossari, G. McMahon, N. P. Lockyer, and K. L. Moore, "Microdistribution and quantification of the boron neutron capture therapy drug BPA in primary cell cultures of human glioblastoma tumour by NanoSIMS," Analyst, vol. 144, pp. 6214–6224, 2019. DOI: 10.1039/C9AN01336A. https://doi.org/10.1039/C9AN01336A

2. Nawal A. Alarfaj, Sawsan Abdel-Razeq and Samar Al-Dosarry, "Spectrophotometric Methods for the Determination of Alfuzosin-HCl and Carvedilol in their Formulations, J. Anal. Chem., 18 (2009) 80-91. http://fac.ksu.edu.sa/sites/default/files/alfuzosin-hcl_0.pdf