

Personal Details

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Memberships

1. *The Academy of Pharmaceutical Sciences of Great Britain*
2. *United Kingdom and Ireland Controlled Release Society*

Awards

1. *A valued reviewer 2015 from Elsevier on reviewing of international journal of pharmaceutics.*
2. *35 thanks and acknowledgments.*

Education, Research aims Achievements

2002- present: Lecturer, Deputy Dean for Administrative Affairs, Head of Pharmaceutics Department, Deputy Dean for Scientific Affairs and Postgraduate Study and currently as lecturer at University of Basrah- College of Pharmacy.

2008 – 2012: Strathclyde Institute of Pharmacy and Biomedical Sciences / University of Strathclyde / UK.

PhD Pharmaceutics

Title: Amorphous calcium phosphate nanocomplexes in dental film formulations. Supervisors: Prof. C. G. Wilson* and C. V. Walle (* [President of European Federation of Pharmaceutical Sciences 2009-2011](#))

- Supervisor in MPHARM projects at Strathclyde Institute of Pharmacy and Biomedical Sciences / University of Strathclyde / UK in:
 - 1- Preparation and analysis of amorphous calcium phosphate nanocomplexes.
 - 2- Development of a paediatric dosage form of amorphous calcium phosphate nanocomplexes for enamel remineralisation.
 - 3- Comparison study of calcium release from Ellactiva[®] chocolate chewy versus Boots[®] and Osteocare[®]
- Demonstrator in FMT (formulation and manufacturing) Lab.
- Training course in drug manufacturing in [Pfizer Drug Company/UK](#)

1999-2002: External lecturer at University of Basrah / College of Pharmacy.

1998 – 2001: College of Pharmacy / University of Baghdad / Iraq.

M Sc. Pharmaceutics

- Title: Preparation of Chitosan from natural waste product and evaluation of its use as retardant in sustained release tablet. Supervisors: Prof. A. A. Abdul Rasool and Prof. M. H. Al-Hakeem.

1987 – 1992: College of Pharmacy / University of Baghdad / Iraq.

BSc. Pharmacy

Five years of courses and lab. works in addition to hospital training at fifth year.

1985 – 1987: Secondary School.

10/1992-02/1993: Samaraa Drug Industry (SDI).

- Well trained on the formulation of tablets dosage forms
- Course of training on the quality control lab. analysis for tablets dosage form analysis.

02/93 – 07/2002 Ministry of Health.

- Resident in Al- Moane'a general hospital 1992-1995.
- Pharmacy unit manager in rural area service: Shatt Al Arab health care center 1995-1996.
- Head of drug distribution unit in pharmacy department in Basrah Governorate 1996-1998.
- Training program in Baghdad by World Health Organization (WHO) in drug distribution 1997.
- Head of Pharmacy department in Al-Basrah general hospital 2001-2002.

Pharmaceutical Industry Experience

- I have knowledge and practice for using most of the pharmaceutical equipments those used for quality control and identification of chemicals.
- I have good practice to use LC-Mass-spectrophotometry in bio informative analysis of digested proteins.
- I have the practice for managing the production machines for tablets, coating tablets, and sterile products.
- I have good background for sustained release formulation.
- I have strong practice to use polymers in dosage form design.
- I have practice and knowledge for dosage form design and evaluation of hydrogel and film dosage forms.
- I have practice and knowledge to use ^{1&13}NMR to calculate the degree of substitution of polymers
- I have practice and knowledge for the preparation of nanocomplexes and evaluation using SEM, TEM and Zetasizer Nano ZS.
- I have practice and knowledge for dosage form design and evaluation of adhesive dental dosage form.
- I have practice and knowledge to use X-Ray powder diffraction in differentiation analysis of crystals and amorphous pharmaceutical materials

- I have practice and knowledge to use TGA and DSC in thermal effect on the API and excipients
- I have practice and knowledge to use Confocal Microscopy in oral biofilm analysis.
- I have practice and knowledge to use Dynamic Vapour Sorption in study of humidity effect on materials.
- I have practice and knowledge to use Electron Probe Microanalysis of elemental density on surfaces.
- I am experienced in kinetics modelling using excel. Also I have good practical experiences in the application of statistics by Minitab and MS excel.
- I have a valuable practice in experimental design in pilot dosage form design

Publications

- Malathe Abdul latif Alshawi; **Mohammed Sabar Al-Lami**. 2016. In vitro evaluation of formulation factors: the granule size and type of binder upon physicochemical characterisation of paracetamol capsules, Karbala Journal of Pharmaceutical sciences; 11, 236-245.
- A.A.Al-Abdula; **Mohammed Sabar Al-Lami**. Antibacterial activity of Punica granatum L. peels extracts against three common human wound pathogenic bacteria and formulation of topical ointment and hydrogel pharmaceutical forms. 2014, J.Thi-Qar Sci.; (4) 3, 3-9
- **Mohammed Sabar Al-Lami**; Chris van der Walle; Clive G. Wilson. 2011. Preparation of amorphous calcium phosphate stabilised by ahCMC fractions. 3rd PharmSciFair, Prague, Czech Republic
- **Mohammed Sabar Al-Lami**; Chris van der Walle; Clive G. Wilson. 2011. Preparation of amorphous calcium phosphate stabilized by hydrolyzed casein as an alternative to casein phosphopeptides.: PharmaSci conference. Nottingham, UK.
- **Mohammed Sabar Al-Lami**; Alaa A. Abdul Rasool; Mohammed H. Al-Hakeem, 2002.Evaluation of chitosan, the acetate and hydrochloride salts in sustained release tablets. first Clinical Pharmacy Conference, Basra, Iraq.
- **Mohammed Sabar Al-Lami**. Monitoring of adverse drug reactions at hospital level; A pilot study. First Clinical Pharmacy Conference 2002, Basra, Iraq.
- **Mohammed Sabar Al-Lami**; Alaa A. Abdul Rasool; Mohammed H. Al-Hakeem, 2000. Preparation of chitosan polymer from natural waste products and evaluation of its use in sustained release tablet. First Pharmaceutical national conference, Mosul, Iraq.