

## **Samiah A. Alhabardi, B. Pharm, M.Sc., Ph.D.**

Assistant Professor of Pharmaceutical Science

Department of Pharmaceutics

College of Pharmacy, King Saud university

Room 36, Second floor, Building 8

E-mail: salhabardi@ksu.edu.sa

Office: +(966)-118055054

Mobile: +(966)-555126022

### ❖ Education

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| <b>(2017-2021)</b> | Doctor of Philosophy (Ph.D.), faculty of pharmacy, king Saud University, Riyadh, Saudi Arabia.<br>Excellence with first class honor (GPA 4.88/5)<br>Thesis title: Synthesis and Evaluation of Mucin1 Peptide and its Folate Hybrid for Dual Targeting of Ovarian Cancer.  |
| <b>(2011-2016)</b> | Master of Sciences in Pharmaceutics (M.Sc.), king Saud University, Riyadh, Saudi Arabia.<br>Excellence with first class honor (GPA 4.93/5)<br>Thesis title: Development of liposomal formulation for curcumin analogue, 5-bis (4-hydroxy-3-methoxybenzylidene)-n-methyl-4-piperidone, for in-vitro assessment on different cancer cell lines. |
| <b>(2003-2008)</b> | Bachelor of Pharmaceutical Sciences (B. Pharm), college of pharmacy, king Saud university, Riyadh, Saudi Arabia.<br>Excellence with first class honor (GPA 4.75/5)  |

### ❖ Professional Experience

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| <b>(2022-date)</b> | Assistant Professor, Department of Pharmaceutics, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia |
| <b>(2003-2021)</b> | Teaching Assistant, Department of Pharmaceutics, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia  |

### ❖ Administrative experience

- Chairman of the Practical Laboratories Committee, education unit, College of Pharmacy, King Saud University (2023 to date).
- Member of the soft skills committee, College of Pharmacy, King Saud University (2021 to 2022).
- Member of the College Website Development Committee, King Saud University (2021 to date).
- Coordinator of the Teaching Load Committee, Department of Pharmaceutics, College of Pharmacy, King Saud University (2017 to date).
- Member of the Master Program Committee, Department of Pharmaceutics, College of Pharmacy, King Saud University (2016 to date).
- Academic Advisor of College of pharmacy, College of Pharmacy, King Saud University (2017 to date).
- Member of the Public Relationship Committee in College of Pharmacy, King Saud University (2016-2017).
- Member of the Medical Field Determination Committee in College of Pharmacy, King Saud University (2016-2017).

## ❖ Research experience and skills

- Experience in pharmaceutical analysis techniques include: HPLC, DLS, dissolution and UV spectroscopy.
- Experience in cell culture.
- Experience in protein extraction.
- Experience in molecular biology techniques: western blot and RTCA.
- Experience in radiolabeling.
- Experience in Nano-formulation preparation (liposome).

## ❖ Professional training

- Trainee (in cyclotron and radiopharmaceuticals department), King Faisal Specialist Hospital & Research Center, (2018-2020)
- Trainee (Principles of cell biology), King Faisal Specialist Hospital & Research Center, (2014-2015)
- Trainee (Pharmacy internship), King Khalid University Hospital, (2008)

## ❖ Publications

- The curcumin analogue PAC has potent anti-anaplastic thyroid cancer effects, Scientific reports, 2023.
- Synthesis, radiolabeling and biological evaluation of <sup>68</sup>Ga-Mucin1 and its folate hybrid peptide conjugates for the diagnosis of ovarian cancer, Journal of Chemistry, 2021.
- A validated RP-HPLC method for the determination of piperidone analogue of curcumin, Pakistan Journal of Pharmaceutical Sciences, 2020.
- Piperidone Analogue of Curcumin-loaded HPβ-cyclodextrin liposomes as delivery system for human cancer therapy, Journal of Medical and Pharmaceutical Sciences, 2017.

## ❖ Invited speaker, reviewer, writer and judge

- Research proposal writing skills workshop (for health and scientific specializations) in Deanship of Skills Development, KSU.
- Thesis writing skills workshop (for health and scientific specializations) in Deanship of Skills Development, KSU.
- Preparing research papers workshop for all disciplines in Deanship of Skills Development KSU.
- (Introduction to Nuclear Pharmacy) in CRC (CLINICAL RESEARCH PROGRAM) Program-pharmacology Research Module at King Fahad Medical City.
- Peer review in The Saudi Pharmaceutical Journal (SPJ).
- Writing an article titled (Nuclear Pharmacy) for the Pulse of Pharmacy magazine.
- Young Pharmacist Research Award Poster Presentation Judge at the 12th College of Pharmacy Research Day (COPRD12), College of Pharmacy, KSU, 2023.
- Expert Posters Judges, 3rd College of Pharmacy Research and Innovation Day, College of Pharmacy, KSAU-HS, 2023.
- (Synthesis and Evaluation of Mucin1 Peptide and its Folate Hybrid for Dual Targeting of Ovarian Cancer), KFSHRC.

- (Research Interest in Pharmacy School) in post-graduates' induction day, College of Pharmacy, KSU.
- (The role of antioxidants in cancer) at Princess Nourah bint Abdulrahman University.
- (Allergy and asthma medications) at Princess Nourah bint Abdulrahman University.
- (Asthma between fact and hope) at Princess Nourah bint Abdulrahman University.
- (Beautiful body via strong bones) at Qassim University.

## ❖ Teaching experience

### *Postgraduate courses*

- QCP-533 (Quality Control Testing of Stability & Packaging), Master of Quality Control in Pharmacy Program, Pharmaceutics Department, College of Pharmacy, KSU.
- PHT-550 (Advanced Pharmaceutical Analysis Techniques), Master of Science in Pharmaceutics, Pharmaceutics Department, College of Pharmacy, KSU.
- PHT-553 (Advanced Biopharmaceutics and Pharmacokinetics), Master of Science in Pharmaceutics, Pharmaceutics Department, College of Pharmacy, KSU.

### *Undergraduate courses*

- PHRM 311 (Biopharmaceutics and Pharmacokinetics), Pharmaceutics Department, College of Pharmacy, KSU.
- PHRM 323 (Sterile and Non-Sterile Pharmaceuticals), Pharmaceutics Department, College of Pharmacy, KSU
- PHCT 431 (Pharmaceutics 3), College of Pharmacy, Almaarefa University.
- PHRM 221 (Solid and Semisolid Dosage Forms), Pharmaceutics Department, College of Pharmacy, KSU.
- PHT 221 (Pharmaceutics 1), Pharmaceutics Department, College of Pharmacy, KSU.
- PHT 311 (Pharmaceutics 2), Pharmaceutics Department, College of Pharmacy, KSU.
- PHT 414 (Pharmaceutics 4), Pharmaceutics Department, College of Pharmacy, KSU.
- PHT 415 (Pharmacokinetics), Pharmaceutics Department, College of Pharmacy, KSU.
- PHT 432 (Industrial Pharmacy), Pharmaceutics Department, College of Pharmacy, KSU.
- PHT 427 (Sterile Dosage Forms), Pharmaceutics Department, College of Pharmacy, KSU.
- Integrated patient care- Clinical Department, College of Pharmacy, Princess Nourah bint Abdulrahman University.