

# Mais Saleh

Email: mais.saleh@ju.edu.jo  
Department of Pharmaceutics and Pharmaceutical Technology  
Jordan, Amman

## Education and Degrees

- **PhD in Pharmaceutical Science, 2014-2019**

Institute of Pharmaceutical Sciences, King's College London, University of London – London, England

Thesis title: Delivery of tocopherol phosphate nanomaterials into the skin to protect against ultraviolet radiation



- **MSc in Pharmacology, 2010-2012, (3.75 – Distinction)**

Faculty of Medicine, University of Jordan – Amman, Jordan

Thesis title: Methylene Tetrahydrofolate Reductase Genotype Correlation with the Toxicity of and Response to Methotrexate in Rheumatoid Arthritis Patients at Jordan University Hospital.



- **BSc in Pharmacy, 2005-2010, (3.4 – Very Good)**

Faculty of Pharmacy, University of Jordan – Amman, Jordan



## Work experience

### University of Jordan – Amman, Jordan

2019 – Present

✓ Assistant professor, Department of Pharmaceutics and Pharmaceutical Technology, Faculty of Pharmacy, University of Jordan.

### King's College London – London, UK

2015-2018

✓ Lab demonstration in “Physical Pharmacy”.

✓ Supervising MSc students during my PhD research, training them to acquire research skills and perform the highest level of research in the labs, supporting them in managing and designing their project, and leading them to complete their project on time.

### University of Jordan – Amman, Jordan

2012 – 2014

✓ Lab demonstration in Phyto-chemical analysis practical, Pharmaceutical organic chemistry practical, and Pharmaceutical technology practical.

### German Jordanian University – Amman, Jordan

2011-2012

✓ Lab demonstration in General chemistry, Biochemistry, Biotechnology practical, and Pharmaceutical technology practical.

## Workshops and Trainings

- Quantitative Genomics, Epigenomics, and Biobank (qGEB) workshop with CyTOF, School of Cancer & Pharmaceutical Sciences, King's College London, London, UK (October, 2017).
- Presentation Skills (For Postgraduate Research Students & Research Staff), King's College London, London, UK (May, 2017).
- An introduction to lecturing, King's College London, London, UK (May, 2017).
- Adobe Photoshop Elements introduction, King's College London, London, UK (May, 2017).
- Writing for Publication in the Sciences, King's College London, London, UK (April, 2017).
- Turbocharge your writing, King's College London, London, UK (November, 2016).
- Human tissue act and consent form course, King's College London, London, UK (March, 2016).
- Responsible Conduct in Research: Research Ethics, Governance & Integrity, King's College London, London, UK (November, 2015).
- Managing Research Projects, King's College London, London, UK (October, 2015).
- Managing your research data, King's College London, London, UK (September, 2015).
- Microsoft Excel advanced tools and PowerPoint poster presentation, King's College London, London, UK (July, 2015).
- Writing a literature review, King's College London, London, UK (February, 2015).
- How to get published, King's College London, London, UK (February, 2015).
- Preparing to Teach in high education, King's College London, London, UK (September, 2014).

## Research Skills

- Biological skills: Tissue culture, Cell viability assay (Alamar blue, MTT, and Neutral red assay), DNA extraction, RNA extraction, PCR, RFLP, Real time- PCR, Agarose gel electrophoresis, H&E staining, and Immunohistochemistry.
- Pharmaceutical and biophysical skills: Release studies, Skin deposition studies, HPLC- UV, and HPLC- Fluorescence, Franz Cell diffusion studies across silicone artificial membrane and porcine animal skin, Atomic force microscopy (AFM), Langmuir trough isotherm (Langmuir Blodgett), and constant assay, FTIR, Fluorometry, Spectrophotometry, DPPH and ORAC antioxidant assay.
- Other skills: Microsoft Excel, power point poster presentation, EndNote, SPSS, Sigma plot, Graph pad prism.

## Conferences

- The 1<sup>st</sup> dermatology away day (DRAD, 2018), The Great Hall, Strand Campus, King's College London, London, UK (May, 2018) (poster presentation).
- Perspectives in Percutaneous Penetration Conference (PPP 2018), La Grande Motte, France (April, 2018) (poster presentation).
- The 1<sup>st</sup> skin @ Bath Network Symposium (S@BNS 2017), Old theatre Royal, Bath, UK (Nov., 2017) (poster presentation).
- The 6<sup>th</sup> Pharmaceutical Sciences World Congress (PSWC 2017), Stockholm, Sweden (May 21– 24, 2017) (poster presentation).
- The 2017 European Nanomedicine Meeting, King's College London, London, UK (April, 2017).
- Institute of Pharmaceutical Sciences Symposium, King's College London, London, UK (May, 2016) (Oral presentation).
- Institute of Pharmaceutical Sciences Symposium, King's College London, London, UK (May, 2015) (Poster presentation).
- JU-Pharmacy 3<sup>rd</sup> International Conference, "Recent Trends and Advances in Pharmacy", the University of Jordan, Amman, Jordan (October 2012) (Oral presentation).

## Membership

- Jordan Association of Pharmacists.
- Society of cosmetic science (SCS).

## Publications

- Mais M Saleh, Arcadia Woods, Richard Harvey, Stuart. A. Jones (To be published). Characterizing the effect of vitamin E phosphorylation on its interaction and penetration through skin.
- Mais M Saleh, Bingming He, Antony R Young, Stuart. A. Jones (To be published). Influence of Nanoparticle Addition on  $\alpha$ -Tocopherol Phosphate Gel Structure to Modulate Its Skin Delivery.
- Mais M Saleh, Karl P Lawrence, and Stuart. A. Jones, Antony R Young (To be published). The photoprotective properties of  $\alpha$ -tocopherol phosphate against ultraviolet A1 irradiation by suppressing cell death and reactive oxygen species generation in keratinocytes *in vitro*.
- Robert A. Harper, Latrisha Petersen, Mais M. Saleh, Gordon Proctor, Guy Carpenter, Robert Gambogi, Anthony Geonnotti, Robert Hider and Stuart A. Jones (To be published). Targeting macrophages and their recruitment in the oral cavity using swellable (+) alpha tocopheryl phosphate nanostructures.
- Robert A. Harper, Mais M. Saleh, Guy Carpenter, Vincenzo Abbate, Gordon Proctor, Richard D. Harvey, Robert J. Gambogi, Anthony Geonnotti, Robert Hider and Stuart A. Jones (2018). Soft, adhesive (+) alpha tocopheryl phosphate planar bilayers that control oral biofilm growth through a substantive antimicrobial effect. *Nanomedicine: Nanotechnology, Biology and Medicine*, 14 (7), 2307-2316.
- Mais M Saleh, Arcadia Woods, Richard Harvey, Stuart A Jones (2017). The phosphorylation of alpha-tocopherol facilitates enhanced interactions with skin lipids. FIP congress (Poster abstract).
- Mais M Saleh, Yacoub M Irshaid, Khader N Mustafa (2015). Methylene tetrahydrofolate reductase genotypes frequencies: association with toxicity and response to methotrexate in rheumatoid arthritis patients. *International Journal of Clinical Pharmacology Therapeutics*. 53(2):154-62.

Last updated in March, 2019