

Sama' Abderahman, PharmD PhD
Research field: Experimental and Translational Therapeutics.

Address: Philadelphia University, Amman, AM, 19392
e-mail: sabderahman@philadelphia.edu.jo

Interested in investigating chemoresistant cancers including triple negative breast cancer. Studying the cellular underlying chemoresistant mechanisms correlating it with DNA damage induced immune signaling, and priming cells for a favorable chemotherapeutic response.

Education

PhD in Pharmacology/ Experimental and Translational Therapeutics: Queen's University Belfast (QUB), Belfast, United Kingdom (2016-2020)

Thesis Title: The Role of DNA Damage Associated microRNAs in Enhancing the Chemotherapeutic Responses in Triple Negative Breast Cancer (TNBC)

MSc in Clinical Pharmacy: Jordan University, Amman, Jordan (2011-2013)

Thesis Title: Evaluation of the Impact of Pharmaceutical Care on Patients Undergoing Anticoagulation Therapy: A Randomized Controlled Trial

Doctor of Pharmacy (Pharm.D): Jordan University of Science and Technology, Irbid, Jordan (2002-2008)

Grants and Awards

PhD Scholarship: Awarded by Philadelphia University to pursue a PhD degree in experimental therapeutics

The Scientific Research Fund Grant:

Awarded by Jordan Ministry of Higher Education to the postgraduate students with distinguished academic records.

Doctor of Pharmacy (PharmD) Graduated with honor (2nd on my class): Jordan University of science and Technology

Academic and Professional Positions

Sept 2021-present: Member of the International Projects Office, Philadelphia University

Feb 2020-present: Assistant Professor, Faculty of Pharmacy, Philadelphia University, Amman, Jordan.

2016-2020: Full Time PhD Student, Molecular therapeutics lab, School of Pharmacy Queen's University Belfast (QUB), Belfast, United Kingdom.

2015-2016: Part Time Lecturer, School of Pharmacy, Al-Zaytoonah University, Amman Jordan.

2013-2015: Research Assistant, Project of Epilepsy Among Pediatrics in Jordan, Jordan University (JU), Amman, Jordan.

2012-2013: Clinical Pharmacist, Ambulatory care: Preliminary Anticoagulant Clinic Project, Jordan University Hospital (JUH), Amman. Jordan.

2011-2013: Teaching Assistant, School of Pharmacy, University of Jordan (JU), Amman Jordan.

2008-2009: Research & Teaching Assistant, School of Pharmacy, Jordan University of Science & Technology (JUST), Irbid, Jordan.

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• **Linkedin:** <https://jo.linkedin.com/in/sama-abderahman-pharmd-phd-04901256>

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International Organizations

Member of the European Association of Cancer Research (EACR), since 2016.

EACR Ambassador, since 2020

Conference Presentations:

1. The Irish Association of Cancer Research Meeting (IACR)/ Dublin (22nd-23rd February 2018), Poster presentation.
2. The EACR Conference “Radiation Break-through: from DNA damage responses to precision cancer therapy”/ Oxford (12th-14th March 2018), Poster presentation.
3. School of Pharmacy, Postgraduate Research Symposium/ Queen’s University Belfast (18th June 2018), Oral presentation.
4. EACR-AstraZenca Drug Tolerant Persister Cells, Virtual Conference (7th-8th Dec 2021), Poster presentation
5. The Sixth Pharmacy Scientific Day, “Update in the Field of Immunotherapy” / Philadelphia University (8th June 2022), Oral Presentation.

Activities and Training ships:

DIES ProGRANT Proposal Writing Course (28th Feb-28th Oct 2022).

Languages:

Arabic (Mother language)

English (Written and spoken)

French (Basic)

Practical Expertise:

Skilled in in vitro studies, cell culture, cytotoxicity assays, transfection, qRT-PCR, Cell partitioning, microRNA expression, RNA expression, western blot, flow cytometry, IHC, xcelligence and radiation.

Programs:

- o SPSS®
- o GraphPad Prism®
- o Microsoft Office
- o ImageJ®