



FACULTY SEMINAR SERIES

College of Dental Medicine and the Oral Health Research Network is pleased to invite you to attend our February Faculty Journal Club meeting.

Introduction to Nanomedicine

Learning objectives

- Define Nanomaterials and Nanotechnology
- Discuss how nanotechnology can be employed to improve drug solubility, dissolution, potency, safety profile, PK and targetability.
- Explain how nanoscale materials exhibit new intrinsic physiochemical properties (electronic, optical and magnetism) and list possible corresponding

Thursday, 15 February 2024



12:00 - 1:00 p.m.



In-person: QU Building **H12** Room **165**



Dr. Alkilany

Is a Professor of Pharmaceutics and Nanotechnology, currently serving as the Research Coordinator at the College of Pharmacy, Qatar University. Holding a Bachelor's degree in Pharmacy and a PhD in Material Chemistry and Nanotechnology from the University of Illinois at Urbana-Champaign (USA), Dr. Alkilany further honed his expertise through postdoctoral training in Pharmacology and Toxicology at Augusta University (USA).

With a wealth of experience in pharmaceutical manufacturing, Dr. Alkilany played a pivotal role in the development and registration of over twenty pharmaceutical products in regulated markets, including the US and Europe. His scholarly contributions are reflected in 66 publications in prestigious international journals, boasting an impressive h-index of 32 and over 13,000 citations according to Scopus.

Recognized for his outstanding achievements, Dr. Alkilany received the prestigious "Georg Forster Research Fellowship for Experienced Researchers" from the Alexander von Humboldt foundation in Germany in 2017. His excellence is further underscored by his inclusion in the World's Top 2% Scientists List of Stanford University (2019-present).