ETH zürich

Centre for
Digital Health Interventions

Institute of Technology Management
University of St.Gallen

Guest Lecture

Najat Khan

Data Science and Digital Health in Pharmaceutical R&D: A Catalyst for Change in COVID-19 and Beyond

Monday, 25 October 2021, 2:30 pm - 3:30 pm, CEST
Zoom: https://ethz.zoom.us/j/69509774029

www.c4dhi.org

About Najat Khan

Dr. Najat Khan is the Chief Data Science Officer and the Global Head of Strategy & Operations for Janssen Research & Development. As Chief Data Science Officer for Janssen R&D, Najat has end-to-end responsibility to advance the impact using Data Science in transforming the discovery and development of medicines across Janssen. Najat's team is focused on applying Artificial Intelligence, Machine Learning, Digital Health, and regulatory-grade Real World Evidence to high-impact problems across Janssen's 6 Therapeutic Areas and Global Functions. In her role as Global Head of R&D Strategy & Operations, Najat shapes Janssen's R&D strategy, spanning key pipeline and portfolio decisions to new strategic initiatives to deliver on transformational medicines for patients. Najat received her Ph.D. in Organic Chemistry from the University of Pennsylvania with publications in high impact journals such as Nature, Proceedings of the National Academy of Sciences. Najat received her B.A. in Chemistry with a minor in Economics from Colgate University.

About the Lecture

In her guest lecture, Dr. Khan will discuss the application of Data Science and Digital Health to the Janssen portfolio, including how Data Science has been critical to the development of Janssen's COVID-19 vaccine. Data Science and Digital Health in pharmaceutical research & development (R&D) are evolving rapidly, accelerated by the pandemic. For Janssen R&D, Data Science, and Digital Health are integrated across their pipeline and are critical for their mission of reimagining how they build transformational medicines for patients. Data Science is already driving impact by improving the probability of success for more definitive therapies/treatments through enhanced evidence generation, as well as conducting more efficient clinical trials, thus accelerating timelines to get medicines to patients faster.

We kindly invite you to join this guest lecture.

Prof. Dr. Tobias Kowatsch

Assistant Professor for Digital Health, University of St.Gallen
Scientific Director, Centre for Digital Health Interventions, ETH Zurich & University of St.Gallen

Prof. Dr. Elgar Fleisch

Professor of Information Management, Department of Management, Technology, and Economics, ETH Zurich
Professor of Technology Management, Institute of Technology Management, University of St.Gallen
Co-Chair, Centre for Digital Health Interventions, ETH Zurich & University of St.Gallen

Prof. Dr. Florian von Wangenheim

Professor of Technology Marketing, Department of Management, Technology, and Economics, ETH Zurich
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