

Novartis Quantitative Sciences Academic-to-Industry Symposium 2021 ^[1]

Are you curious about working as a quantitative scientist in pharmaceutical R&D?

Do you want to learn about exciting computational research projects and opportunities at Novartis?

Join us!

About the Symposium

The Novartis Quantitative Sciences Academic-to-Industry Symposium is a virtual two-day program designed to introduce academic students to the quantitative sciences opportunities at Novartis. This includes topics such as Biostatistics, Data Science, Machine Learning, Modeling & Simulation, Bioinformatics, and Data Visualization and how they are applied to solve real-world problems in pharmaceutical R&D. The Symposium will kick off with a keynote address from **Dr. Iya Khalil, Global Head of AI Innovation Center at Novartis**, followed by interactive presentations and case studies from quantitative researchers, and career development Q&A sessions with Novartis associates.

Keynote Speaker: Dr. Iya Khalil



Dr. Iya Khalil is the Global Head of the AI Innovation Center at Novartis. She is a serial entrepreneur and AI pioneer with 20+ years of professional experience in AI and “Big Data” for Healthcare and Life Sciences. She co-Founded two AI companies and is the co-inventor of the proprietary machine learning engine that underpins both entities. As an entrepreneur, she drove the success of her ventures by establishing and running key collaborations with pharmaceutical companies, foundations, payers, providers and government agencies. She has extensive experience in developing AI applications across the continuum of Pharmaceutical R&D to healthcare, including drug discovery, drug development, clinical trials, and real-world evidence and treatment algorithms for patients. Named to the PharmaVOICE 100 list of the most inspiring people in the life sciences industry for abilities to build bridges across the life science and healthcare industries, and for bringing people together to harness the power of computational modeling to change the lives of patients. She serves as an advisor to the Bill and Melinda Gates Foundation and is on the boards of the Cropln and the Scientific Advisory Board of Biocentury Innovations; the Board of Overseers at the Museum of Science, and the Advisory Board of the Convergence Forum and is appointed to the Massachusetts Center for Health Information and Analysis (CHIA) Oversight Council by Governor Charlie Baker. Dr. Khalil is a frequent speaker at industry events and conferences and has appeared in several industry journals; published several peer reviewed articles in the field; and was recognized by President Obama at a White House dinner as a leading entrepreneur in genomic medicine. She has been named to Inc magazine’s list of top female founders of 2018, as well as more recently in the Forbes 2019 top women-led startups “crushing tech.”

Timing and logistics

Event Dates: October 12-13, 2021

Time: A final agenda will be posted in advance of the event. The program will be approximately 3 to 4 hours each day, spanning 14:00-18:00 CET (8:00 AM – 12:00 PM EST).

Participants: The program is geared towards graduate students and postdocs in the

quantitative sciences (e.g., Bioinformatics, Engineering, Mathematics, Pharmacometrics, Physics, Statistics, Systems Biology, Systems Pharmacology, etc.).

Logistics:

- The program will take place virtually over a live video stream.
- Additional details and a link to join the livestream will be emailed before the event.
- It is important that you register with the email address that you intend to use to join the livestream.
- Questions can be directed to hack.innovation@novartis.com [2]

How to register

Registration is required for all attendees at <https://bit.ly/NVSHack21> [3], and will close promptly at 8:00 PM EST, Thursday, October 7th. If you do not receive an email invitation by Monday, October 11th, please contact us to ensure the email address you provided is correct.

Thank you for taking interest in this Novartis event. We look forward to seeing you there!

Source URL: <https://www.novartis.com/careers/novartis-quantitative-sciences-hackathon>

Links

[1] <https://www.novartis.com/careers/novartis-quantitative-sciences-hackathon>

[2] <mailto:hack.innovation@novartis.com>

[3] <https://bit.ly/NVSHack21>