Novartis Quantitative Sciences Academia-to-Industry Hackathon

August 13 – 24, 2018

Have you always wanted to work on a real-world problem in pharmaceutical R&D? Join us!!

The Novartis Quantitative Science Academia-to-Industry Hackathon is an intense two-week program designed to provide graduate students and postdocs with training and hands-on experience working on real-world problems in pharmaceutical R&D. The program is targeted at graduate students and postdocs in the quantitative sciences (e.g. Bioinformatics, Engineering, Mathematics, Pharmacometrics, Physics, Statistics, Systems Pharmacology). The Hackathon consists of a three-day tutorial on fundamental training in Translational Quantitative Sciences including basic pharmacokinetics and pharmacodynamics (PKPD) and population PKPD using the open-source R-based nonlinear mixed effect modeling software nlmixr.

Following the tutorial, students will work in project teams on real-world, open-ended problems in collaboration with Novartis scientists working across the R&D spectrum.

The researchers will present their final results at the "Quantitative Sciences in Drug Development Conference" sponsored by Novartis, which will be held on the last day of the hackathon, Friday, August 24th 2018.

Event Dates
August, 13th -24th 2018

Time
9am – 5pm EST

Eligibility
Applicants must be current graduate students or postdocs.

Logistics
The program will take place at the Novartis Campus, in Cambridge, MA.

Applications
The following materials will be accepted at pmx.group@novartis.com until Friday June 1st 2018.

- One page statement of reason for participation, career goals, and relevant experience
- Resume or CV

Optional:

- Letter of support from advisor, director of graduate studies, or department chair

Participants are encouraged to apply early as numbers are limited. Confirmation of participation will be sent by Friday, June 15th 2018.

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

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