

Building A Science And Innovation Nation ^[1]

Hope ^[2]

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About the Next Generation Scientist Program

The Next Generation Scientist Program by Novartis and University of Basel is an intensive internship program for talented and motivated research scientists from emerging countries. The three- month program, hosted at the Novartis research site in Basel, Switzerland, is designed to foster both their scientific and professional development. Guided by Novartis mentors, the interns work on a jointly-agreed upon, precompetitive scientific or clinical research project and also participate in a leadership development program designed to enhance their decision-making and communication skills. Research projects expose selected scientists to state-of-the-art methodologies and leading experts in the fields while ensuring use within their home infrastructure.

Program Benefit

The Novartis and University of Basel Next Generation Scientist Program provides interns an opportunity to enrich their education by:

- working on a research project of interest to their local scientific and clinical communities
- augmenting their scientific capabilities through seminars, journal club, discussion forums, and various educational courses
- networking and collaborating within the intern group, with their mentors, the greater Novartis scientific community, and where possible, with other academic collaborators
- supporting their educational goals and scientific career development through mentorship
- certification and accreditation from University of Basel.

Research Areas

An internship is possible in any of the broad range of therapeutic areas in which Novartis is involved with, e.g.:

- Oncology
- Neuroscience
- Cardiovascular Disease
- Immunology and Dermatology
- Respiratory
- Ophthalmology

Successful candidates will typically work in drug discovery and clinical research disciplines and departments such as:

- Analytical and Imaging Sciences
- Drug Metabolism and Pharmacokinetics
- Biologics
- Modeling and Computer Simulation
- Biomarker Development
- Synthetic Chemistry
- Technical Drug Development and Formulations
- Epidemiology
- Statistics
- Epigenetics and Genomics
- Clinical Trials
- Safety
- Systems and Computational Biology

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