

MS/PhD Scientist, Systems Biology " >

Job ID

321432BR

Jun 16, 2021

USA

Job Description

17.9 million lives are estimated to be lost each year due to Cardiovascular diseases. The Cardiovascular and Metabolic Disease Area (CVM) at Novartis Institute of Biomedical Research (NIBR) is committed to discovering transformative medicines to treat cardiovascular and metabolic disorders that will change this alarming statistic.

We are seeking a highly motivated Scientist to join our System Biology group in CVM. We conceive, develop, validate and employ biochemical and cell biology tools to evaluate and develop new therapeutics against a range of cardiovascular and metabolic diseases.

What you will be doing:

- Conceive, plan and perform biochemical, biophysical, and cell-based assays
- Contribute to development of 2D / 3D human iPS-derived cellular models related to cardiac biology
- Develop and implement screening platforms to identify and validate targets influencing cardiovascular disease.
- Support target validation, mechanism-of-action, and drug discovery projects
- Conduct data analyses and documentation of experiments
- Collaborate while working in a matrix environment to support drug discovery projects
- Keep good laboratory, data recording and data documentation practices
- Present results in lab and department meetings

Diversity & Inclusion / EEO

The Novartis Group of Companies are Equal Opportunity Employers and take pride in maintaining a diverse environment. We do not discriminate in recruitment, hiring, training, promotion or other employment practices for reasons of race, color, religion, gender, national origin, age, sexual orientation, gender identity or expression, marital or veteran status, disability, or any other legally protected status. We are committed to building diverse teams, representative of the patients and communities we serve, and we strive to create an inclusive workplace that cultivates bold innovation through collaboration and empowers our people to unleash their full potential.

Minimum Requirements

What you will bring to the role:

- MS plus 3 or more years' experience or recent PhD in biochemistry, cell biology, biophysics, bioengineering or other life science field
- Knowledge of cardiovascular biology and related experimental approaches a plus

- Direct experience with human iPS derived cellular models preferred
- Expertise in advanced molecular biology applications, CRISPR, genetic engineering and complex 2D/3D disease model development a plus
- Knowledge of high throughput biochemical and cell-based assay development
- Ability to quickly grasp new techniques and focus on detail
- Basic knowledge of statistics and computational data analyses skills
- Excellent team player, who demonstrates good communication skills, creative problem-solving capabilities, and enjoys working in a collaborative environment
- Strong written, oral and record keeping skills
- Flexibility and aptitude for learning, with a passion to drive groundbreaking science

Commitment to Diversity & Inclusion: Novartis embraces diversity, equal opportunity and inclusion. We are committed to building diverse teams, representative of the patients and communities we serve, and we strive to create an inclusive workplace that cultivates bold innovation through collaboration, and empowers our people to unleash their full potential.

Why consider Novartis?

799 million. That's how many lives our products touch. And while we're proud of that fact, in this world of digital and technological transformation, we must also ask ourselves this: how can we continue to improve and extend even more people's lives?

We believe the answers are found when curious, courageous and collaborative people like you are brought together in an inspiring environment. Where you're given opportunities to explore the power of digital and data. Where you're empowered to risk failure by taking smart risks, and where you're surrounded by people who share your determination to tackle the world's toughest medical challenges.

Imagine what you could do at Novartis!

Join our Novartis Network: If this role is not suitable to your experience or career goals but you wish to stay connected to learn more about Novartis and our career opportunities, join the Novartis Network here:

<https://talentnetwork.novartis.com/network>

Division

NIBR

Business Unit

CVM Disease Area

Location

USA

Site

Cambridge, MA

Company / Legal Entity

NIBRI

Functional Area

Research & Development

Job Type

Full Time

Employment Type

Regular

Shift Work

No

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