

## **Principal Scientist I, Cancer Therapeutics " >**

Job ID  
318232BR  
USA

### **Job Description**

4 FDA approved drugs; 15+ clinical candidates; 400+ patents; 20 years of GNF history! For over 21 years, the Genomics Institute of the Novartis Research Foundation (GNF) has been doing cutting-edge innovative drug discovery for Novartis global research organization, the Novartis Institute for BioMedical Research (NIBR).

We are actively recruiting exceptional scientists, at a variety of levels, to join the Cancer Therapeutics team at GNF (The Genomics Institute for the Novartis Research Foundation, and a division of NIBR, the Novartis Institutes of Biomedical Research). As part of this recruiting drive, we are seeking a highly motivated research scientist with extensive biochemical/cell-based assay development experience to develop the next generation cancer therapeutics.

The successful candidate will independently develop and implement biochemical and cell-based assays to characterize target biochemical, biophysical activities and oncogenic signaling pathways in cancer. The candidate will also perform secondary assays across various technology platforms to investigate target-drug interaction and mechanism of action. The Cancer Therapeutics department at GNF focuses on developing novel targeted therapies for cancer patients. The candidate will leverage his or her technical expertise in biology and biochemistry to support ongoing drug discovery efforts. The candidate is also expected to work in a highly matrixed multidisciplinary team and collaborate with various functional groups across GNF and NIBR.

Primary responsibilities:

- Design, optimize and implement biochemical/biophysical assays to characterize target enzymatic activities, post-translational modifications, protein-protein interactions and small molecule binding, including HTRF, FP, SPR, TSA, etc
- Perform cell-based assays to study mechanism of action of therapeutic molecules, including Western blotting, WES/JESS, immunofluorescence / luminescence-based assays, etc
- Molecular cloning and functional genomic studies including CRISPR-, siRNA-, shRNA-mediated knockout/knockdown and cDNA overexpression to validate targets or investigate drug-target interactions
- Data collection, analysis, documentation and interpretation
- Regular presentation of data to small and medium-sized groups

### **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**

- B.S./M.S. degree in biochemistry, biology or related discipline with at least 2 years of relevant research experience
- Extensive experience in development and implementation of biochemical or cell-based assays in the context of oncology
- Experience in studying small molecule target engagement, protein chemistry, enzyme kinetics is a plus
- Experience with protein expression and purification is a plus
- Excellent oral and written communication skills and record-keeping required
- Highly organized, detail-oriented, a team player, enthusiastic about drug discovery, with strong work ethics
- Ability to work independently in a highly interactive and fast-paced drug discovery environment

Why consider Novartis?

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.

We are Novartis. Join us and help us reimagine medicine.

Division

NIBR

Business Unit

GNF

Location

USA

Site

San Diego, CA

Company / Legal Entity

NIBRI

Functional Area

Research & Development

Job Type

Full Time

Employment Type

Regular

Shift Work

No

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