

Principal Scientist – Covalency & Exploratory Chemical Biology

Job ID
REQ-10018705
Ago 15, 2024
Estados Unidos

Resumen

85% of the proteome is currently undrugged. You can join the effort to tackle a longstanding challenge in early drug discovery by identifying covalent small molecules that modulate the activity of these so far undrugged targets and pathways to positively impact human health. We are currently looking for a motivated and creative Principal Scientist to join an interdisciplinary team that combines chemical biology, covalent drug discovery, mass spectrometry, cell biology, and informatics technologies to tackle this challenge.

About the Role

Internal Position Title: Principal Scientist I

Position location: Cambridge, MA, onsite

About the Role:

85% of the proteome is currently undrugged. You can join the effort to tackle a longstanding challenge in early drug discovery by identifying covalent small molecules that modulate the activity of these so far undrugged targets and pathways to positively impact human health. We are currently looking for a motivated and creative Principal Scientist to join an interdisciplinary team that combines chemical biology, covalent drug discovery, mass spectrometry, cell biology, and informatics technologies to tackle this challenge.

Key Responsibilities:

- proposing, designing, and evaluating novel assays and chemotypes to tackle longstanding challenges in covalent ligand discovery
- effective communication and collaboration as a critical member of multi-disciplinary project teams in early stage drug discovery and covalency-enabled exploration of new modalities
- biochemical, biophysical, and cellular characterization of protein-ligand interactions, including MS-based characterization of covalent adducts on proteins
- medium-to-high throughput compound screening

Essential Requirements:

- PhD in Chemical Biology, Chemistry, Biochemistry, or Biological Science with at least 2 years of related postdoctoral and/or industry experience.

- A background in covalent ligand discovery with an emphasis in biophysics or cellular studies and a working knowledge of organic chemistry.
- Knowledge of the concepts governing compound binding affinity and reactivity, kinetics, and selectivity as well as experience with design and application of affinity- and reactivity-based chemical probes
- The ability to work collaboratively, with autonomy, and thrive in a multitasking environment
- Fluent English (spoken and written).

Desired Requirements:

- Experience with covalent chemoproteomics principles and data

Why Novartis: Our purpose is to reimagine medicine to improve and extend people's lives and our vision is to become the most valued and trusted medicines company in the world. How can we achieve this? With our people. It is our associates that drive us each day to reach our ambitions. Be a part of this mission and join us! Learn more here: <https://www.novartis.com/about/strategy/people-and-culture>

You'll receive: You can find everything you need to know about our benefits and rewards in the Novartis Life Handbook: <https://www.novartis.com/careers/benefits-rewards>

Commitment to Diversity and 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.

Novartis Compensation and Benefit Summary: The pay range for this position at commencement of employment is expected to be between \$112,800 to \$169,200/year; however, while salary ranges are effective from 1/1/24 through 12/31/24, fluctuations in the job market may necessitate adjustments to pay ranges during this period. Further, final pay determinations will depend on various factors, including, but not limited to geographical location, experience level, knowledge, skills, and abilities. The total compensation package for this position may also include other elements, including a sign-on bonus, restricted stock units, and discretionary awards in addition to a full range of medical, financial, and/or other benefits (including 401(k) eligibility and various paid time off benefits, such as vacation, sick time, and parental leave), dependent on the position offered. Details of participation in these benefit plans will be provided if an employee receives an offer of employment. If hired, employee will be in an "at-will position" and the Company reserves the right to modify base salary (as well as any other discretionary payment or compensation program) at any time, including for reasons related to individual performance, Company or individual department/team performance, and market factors.

Join our Novartis Network: If this role is not suitable to your experience or career goals but you wish to stay connected to hear more about Novartis and our career opportunities, join the Novartis Network here: <https://talentnetwork.novartis.com/network>

Why Novartis: Helping people with disease and their families takes more than innovative science. It takes a community of smart, passionate people like you. Collaborating, supporting and inspiring each other. Combining to achieve breakthroughs that change patients' lives. Ready to create a brighter future together? <https://www.novartis.com/about/strategy/people-and-culture>

Join our Novartis Network: Not the right Novartis role for you? Sign up to our talent community to stay connected and learn about suitable career opportunities as soon as they come up:

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

Benefits and Rewards: Read our handbook to learn about all the ways we'll help you thrive personally and professionally: <https://www.novartis.com/careers/benefits-rewards>

EEO Statement:

The Novartis Group of Companies are Equal Opportunity Employers who are focused on building and advancing a culture of inclusion that values and celebrates individual differences, uniqueness, backgrounds and perspectives. We do not discriminate in recruitment, hiring, training, promotion or other employment practices for reasons of race, color, religion, sex, national origin, age, sexual orientation, gender identity or expression, marital or veteran status, disability, or any other legally protected status. We are committed to fostering a diverse and inclusive workplace that reflects the world around us and connects us to the patients, customers and communities we serve.

Accessibility & Reasonable Accommodations

The Novartis Group of Companies are committed to working with and providing reasonable accommodation to individuals with disabilities. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the application process, or to perform the essential functions of a position, please send an e-mail to us.reasonableaccommodations@novartis.com or call +1(877)395-2339 and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

División

Biomedical Research

Business Unit

Pharma Research

Ubicación

Estados Unidos

Sitio

Cambridge (USA)

Company / Legal Entity

U175 (FCRS = US175) Novartis Institutes for BioMedical Research, Inc.

Functional Area

Research & Development

Job Type

Full time

Employment Type

Regular

Shift Work

No

[Apply to Job](#)

iframe{ width: 100%; margin-top: 3rem; } @media screen and (max-width: 767px){ iframe{ height: 30vh !important; } } @media screen and (min-width: 768px){ iframe{ height: 34vh !important; } }

Job ID

REQ-10018705

Principal Scientist – Covalency & Exploratory Chemical Biology

[Apply to Job](#)

Source URL: <https://www.adacap.com/careers/career-search/job/details/req-10018705-principal-scientist-covalency-exploratory-chemical-biology>

List of links present in page

1. <https://www.novartis.com/about/strategy/people-and-culture>
2. <https://www.novartis.com/careers/benefits-rewards>
3. <https://talentnetwork.novartis.com/network>
4. <https://www.novartis.com/about/strategy/people-and-culture>
5. <https://talentnetwork.novartis.com/network>
6. <https://www.novartis.com/careers/benefits-rewards>
7. <mailto:us.reasonableaccommodations@novartis.com>
8. https://novartis.wd3.myworkdayjobs.com/en-US/Novartis_Careers/job/Cambridge-USA/Principal-Scientist---Covalency---Exploratory-Chemical-Biology_REQ-10018705
9. https://novartis.wd3.myworkdayjobs.com/en-US/Novartis_Careers/job/Cambridge-USA/Principal-Scientist---Covalency---Exploratory-Chemical-Biology_REQ-10018705