

1200PHARMA

We are seeking one or more outstanding applicants to join our **Medicinal Chemistry** team located in our newly renovated laboratory and office space in Culver City, California.

Who we are and what we do:

1200 Pharma is a clinically staged company advancing novel small molecule cancer therapies. We are an experienced, diverse, and driven team that uses cutting edge cell screening, novel synthetic strategies, and computational methods to build molecules targeting bona fide cancer dependencies. Our synthetic and in silico chemistry platforms enable exquisite structural tailoring of small molecules to achieve high receptor affinity and physical properties necessary to bring forth the next generation of medicines.

You will work alongside and learn from world-class experts in:

- Rigorous, physics-based molecular design
- Fearless synthetic execution giving rise to the very best molecules against a particular biological target
- Process chemistry and clinical development headed by recognized industry leaders

Through collaborations with prominent leaders in synthetic chemistry at Caltech and in oncology research and patient care at UCLA, we leverage deep biological insight to precisely define drug targets and support rapid evolution of lead molecules. With multiple ongoing programs in different stages of development, your contributions will have a direct and powerful impact on our mission to bring new medicines to patients in need.

Main duties and responsibilities:

- Design and synthesis of novel compounds, optimizing activity, selectivity, PK, and in vivo efficacy
- Thoughtful interpretation of structure-activity and structure-property relationships to inform design
- Interfacing with in vivo and cell biology colleagues throughout the lead optimization process
- Close collaboration with a diverse group of scientists, business and legal experts, and external CROs
- Application and continual gain of expertise in state-of-the-art computational tools for hypothesis-driven structure-based and ligand-based design
- Proactive contribution to the writing of patents, reports, and scientific publications

Qualifications essential for the role:

- Ph.D. degree or equivalent in Organic Chemistry
- Post-graduate research experience in complex molecule synthesis and/or methodology
- Publication/patent record clearly demonstrating proficiency in synthetic chemistry or drug discovery
- Strong theoretical and practical knowledge of organic chemistry and awareness of current developments in the literature
- Direct experience or strong interest in the application of computational design tools
- Strong collaborative and communication skills in order to work effectively across disciplines

Interested applicants should submit a CV, cover letter, and research summary to

jobs@1200pharma.com

