

Postdoctoral position

“Discovery of novel inhibitors for the treatment of Multiple Myeloma based on chemical and biological strategies”

Molecular Therapeutics & Hematology-Oncology Programs

Centro de Investigación Médica Aplicada (CIMA)

(Pamplona, Spain)

A creative, ambitious and highly motivated postdoctoral candidate is sought to join a fully funded project within the Molecular Therapeutics and Hematology-Oncology Programs at CIMA Universidad de Navarra.

The candidate will join a highly collaborative environment with the opportunity to apply computational chemistry technologies on the field of Multiple Myeloma (MM). The work will be in permanent collaboration with a multidisciplinary team of basic and translational researchers.

The successful candidate will:

- Work in a unique team of experts in MM.
- Participate in high impact projects involving NGS experiments, flow cytometry, cellular and molecular studies and drug discovery approaches to identify novel inhibitors for the therapeutic treatment of MM.
- Design strategies for the generation of small molecules able to induce protein degradation of MM targets.
- Collaborate in the generation of smart CAR-Ts targeting specific MM antigens.
- Collaborate in multiple projects, having the possibility to carry on a personal research project.
- Be involved in projects moving from early basic research towards clinical translation.
- Co-supervise PhD and Master students.
- Participate in the oral presentation of all project findings and abstracts including participation in periodic project status meetings and presentation of final project deliverables.

Required qualifications:

- PhD training in computational and/or medicinal chemistry.
- Demonstrated experience in organic chemistry, molecular modeling, computational chemistry, and chemoinformatics applied to drug design projects.
- Research experience in the following areas is essential: structure-based drug design, pharmacophore modeling, QSAR, 3D database management, chemoinformatics, and lead optimization
- Sound knowledge of at least one of the drug discovery software packages (MOE, OpenEye, KNIME, etc.) is required
- Deep understanding of preclinical development and intellectual property strategies
- Previous experience in a pharmaceutical company would be an asset
- Established record of high-quality scientific publications
- Strong analytical and problem-solving skills

- Strong and highly effective verbal and written communication skills
- Highly motivated and self-directed, teamwork-oriented personality
- Experience in communicating and collaborating effectively with medicinal chemists, structural biologists, and other members of cross-functional teams
- Ability to work independently and collaboratively in a multidisciplinary, team-oriented environment

Salary will be commensurate with qualifications and experience. Interested applicants should send a cover letter describing past experience and interests as well as their CV including references to:

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Informal enquiries:

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