



# DEPARTMENT OF MOLECULAR PHARMACOCHEMISTRY

UMR 5063



Drug chemistry

Synthesis

Analytical chemistry

Drug delivery

Chemobiology

Aptamer

SELEX

CHEMISTRY

## KEY FIGURES:

**23** permanent researchers  
and lecturers**11** technical and  
administrative staff**13** PhD students and  
postdoctoral researchers**21** publications per year  
(on average)**5** patents over the last  
5 years

## OVERVIEW

The *Department of Molecular Pharmacochimie (dpm)* focuses on pharmaceutical and biomedical sciences, developing both fundamental molecular-level research and applications that address hospital needs. The lab has comprehensive expertise from the development of active pharmaceutical compounds to targeted drug delivery systems, as well as the analysis and quantification of specific targets for diagnostic devices.

## RESEARCH TOPICS

- Development of innovative therapeutic approaches, from emerging biomacromolecular targets to original strategies for treating diseases.
- Design of new drug delivery systems combining drug encapsulation, barrier penetration, targeting, and release in living systems.
- Development of original analytical devices for bio-detection and bio-quantification, ranging from ions to microorganisms in complex environments.

