

UMR CNRS 8076

15 teacher-researchers

9 doctoral and postdoctoral researchers

## **KEYWORDS SCIENCE**

- · Amino acids
- Peptides
- · Fluorinated peptides
- · Glycopeptides



# **KEYWORDS APPLICATIONS**

- · Treatments for cancer
- · Treatments for neurological diseases
- · Treatments for infectious diseases
- · Treatments for rare diseases
- Heritage

## **APPLICATIONS AND INDUSTRIAL SECTORS**

### **PATENTS · SOFTWARE**

4 patents

Plastic degradation, biomass degradation,

## **INDUSTRIAL PARTNERSHIPS · SPIN-OFFS**

Around 5 collaborations per year Eiffage, Institut Pasteur, Sika, Placo, etc.

# KNOW-HOW · SKILLS · EXPERTISE · SPECIFIC FEATURES

BIOCIS

BIOMOLECULES: DESIGN, ISOLATION,
SYNTHESIS - BIOLOGICAL CHEMISTRY TEAM

Biomolécules : Conception, Isolement, Synthèse - Équipe Chimie Biologique

## Natural substances (Saclay team)

Extractions (plants, marine organisms, insects, microorganisms), analytical development, biomimetic synthesis, total synthesis

### Synthetic methods

Organometallic catalysis, eco/biocompatible multicomponent processes, glycochemistry, fluorinated molecules, peptidomimetics

Molecular modelling (Saclay team)

Protein-protein interactions, molecular recognition

Pharmacochemistry and pharmacology

Treatments for cancer, synthesis of new PROTACs

# **EQUIPMENT**





