



HEALTH AND COSMETICS

Set up of innovating
medical devices and drugs



INSTITUT
CARNOT
Chimie Balard Cirimat



The Chimie Balard Cirimat Carnot Institute's work in the synthesis of bioactive molecules and materials contributes to major advances in drugs and medical care. Our institute also serves cosmetics companies with its expertise in the formulation of active ingredients, functional excipients and controlled release systems.



RESEARCH SKILLS AND AREAS

- ▶ Synthesis and characterisation of natural products and new bioactive molecules
- ▶ Targeting, vectorisation, delivery and release of active substances
- ▶ Galenics: formulation, preparation and characterisation
- ▶ Biomaterials and artificial polymers
- ▶ Functionalisation of antibacterial surfaces
- ▶ Cell-material interactions
- ▶ Molecular probes
- ▶ Medical devices
- ▶ New diagnostic tools for medical imaging and screening
- ▶ Tissue engineering
- ▶ Cell therapy
- ▶ Osteo-articular reconstruction

TARGETED INDUSTRIES

Human & animal health
Medical devices
Fashion and luxury
Biotechnology
Food industry
Defence
Environment



SERVICES WE OFFER

Patents/Licenses • Studies and
Engineering • Technology Platforms •
Advising • Technical Services



INDUSTRIAL INNOVATIONS AND PROJECTS

- ▶ Agonist peptides for tanning lotions commercialised by Unipex
- ▶ Ghrelin agonist in clinical phase 3 trials (Æterna Zentaris)
- ▶ Biomimetic apatite for the repair of bone defects (Teknimed)
- ▶ NBJoint™ for cartilage regeneration

OUR PARTNERS

Pierre Fabre • L'Oréal
 • Sanofi • Covidien
 • Biom'up • Aspide Médical • Cisbio • ChromaLys • Servier
 • Æterna Zentaris • Phost'in • Spherium
 • Idenix • Bayer Crop Science • Nosopharm • Syngenta • Arkopharma
 • Merial • Teknimed



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