Clinical Pharmacology Centre dedicated to clinical drug trials: phase I-II studies; surface 700 m2, 18 beds each with monitoring devices, 5 posts for functional assessment, specialised staff; patients and healthy volunteers; Policy, infrastructure, procedures and equipment for emergency in accordance with the French standards for good clinical practice.

Specific and appropriate support service to the research teams of Clermont-Ferrand. Major research topics: neuroscience, oncology, genetics and development. Vaccinations are an emergent topic. Human nutrition is assumed by CRNH of Clermont-Ferrand, which has functional links with the CIC. Local resources for methodology, biostatistics, epidemiology, and data management. Help to improve the research projects in terms of ethics, methodology, logistics, grants application and registration with French institutions.

Specialised research on pain and analgesia:
- multimodal assessment of nociception and analgesia in humans
- original models of pain
- semiology and physiopathology of neuropathic pain, clinical trials
- pharmacodynamics of analgesic agents

Training in clinical research for health professionals:
- University and post-university training lectures
- Practice training for students and residents, nurses and future assistants and technicians in clinical research.
Partnerships and collaborations
- University Hospital (CHU) of Clermont-Ferrand
- Jean Perrin Cancer Centre
- University of Auvergne (Clermont1)
- Human Nutrition Research Centre (CRNH) of Auvergne
- UMR 766 Inserm/UdA : fundamental et clinical pharmacology of pain
- UMR 384 INSERM/UdA : development and regeneration in central nervous system : role of SCO-spondin
- EMI 216 INSERM/UdA : neurobiology of trigeminal pain
- EA 3845 UdA : neuropsychopharmacology of subcortical dopaminergic systems
- EA 2667 UdA : sensory biophysics
- EA 3295 UdA : signal and medical imaging (ERIM ESPRI-INSERM)
- EA 3847 UdA : studies on disabilities in oral health (GEDIDO)

Clinical and public health transfer
- Post-surgical or anticancer drugs-induced neuropathic pain: physiopathology, trials for preventive and curative early treatments
- Chronical drug-resistant neuropathic pain: trials for curative rescue treatments
- Intestinal pain and functional troubles: trials for curative treatments and nutritional interventions
- Pain models: phase I-II trials, trials with molecules already on the market for new indications
- Trials for nutritional interventions on human health
- Tolerance trials with ophthalmic drops and vaccinations

Technology transfer
Development of new molecules (Phase I and II)
Development of clinical models
Development of clinical exploration devices
Research in biogalenics

Key publications