

UMR1058
MONTPELLIER PCCEI
Pathogenesis & control of chronic and emerging infections



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R&D OFFER

- R&D collaborative projects
- Sponsored research agreements
- CIFRE PhD Thesis (French Industrial agreement of training through research)
- Internship in public-private cotutorship (Master, engineer or other students)
- Consulting / Expertise / Training
- Access to Technical platforms
- Access to biological collections and databases (under conditions)

RESEARCH RECOGNITION - 2019

- MUSE (MONTPELLIER UNIVERSITY OF EXCELLENCE)
- 4 ACTIVE PATENT FAMILIES
- MULTIPLE INDUSTRIALS PARTNERS
- MANY NATIONAL, EUROPEAN AND INTERNATIONAL GRANTS
- 242 PUBLICATIONS (2015-2018) *SCIENTIFIC ARTICLES & BOOK CHAPTERS*
- QUALITY CERTIFICATIONS (CSHSCT INSERM, IGAENR NATIONAL, H&S AUDITS)
- MANY PHD STUDENTS (14 IN 2019)
- 18 PARTICIPATIONS IN INTERNATIONAL CONGRESSES

RESEARCH AREA & OBJECTIVES

- Infectiology, chronic and emerging infections
- Diagnostic & therapeutic innovations
- New approaches for care & prevention in pathogenic pathways
- Immunopathogenicity, transmission & control of HIV and other chronic infections (hepatitis virus, mycobacteria) as well as emerging infections (arbovirus, prions)
- Neurodegenerative diseases

KEYWORDS:

Infectiology, diagnostic, virology, microbiology, clinical studies

DOMAINS OF EXPERTISE

- NEW STRATEGIES TO PREVENT THE TRANSMISSION OF CHRONIC AND EMERGING INFECTIONS
- DEVELOPMENT OF INNOVATIVE DIAGNOSTIC TESTS (VIRUS, PRION, BACTERIA, OTHERS)
- INTERNATIONAL COLLABORATIONS
- PUBLIC HEALTH

SKILLS

- MOLECULAR BIOLOGY
- MICRO/NANO-TECHNOLOGIES (Nanoparticles, Microsystems, Biosensors...)
- IMMUNO-VIROLOGY
- ANTIRETROVIRAL THERAPIES
- CLINICAL STUDIES
- BIOSTATISTICS (> 20 databases)
- ANIMAL MODELS (Murine)

PLATFORMS & TECHNICAL RESSOURCES

- UMR1058 BUILDINGS: EFS Euromedicine laboratory, INSERM regional delegation building ADR, University of Antilles
- TECHNICAL PLATFORM: Biocampus, CEMIPAI, L3 Laboratory & animal facility (CHU Montpellier), LCCRH platform, imaging & sequencing platforms
- ACCESS TO BIOLOGICAL COLLECTIONS: healthy donors, patients, and other biological collections – *under conditions*