

**UMR190 EMERGING VIRUSES
PARTNER
MARSEILLE**

**BLOOD SAFETY AND
EMERGING PATHOGENS**

Pierre Gallian
EFS representative
Pierre.Gallian@efs.sante.fr



R&D OFFER

- **R&D collaborative projects**
- **Sponsored research agreements**
- **Consulting / Expertise / Training**
- **Access to Technical platforms**
- **Access to biological collections and databases (under conditions)**

RESEARCH RECOGNITION

- 1 ACTIVE PATENTS FAMILY
- MULTIPLE NATIONAL, EUROPEAN AND INTERNATIONAL GRANTS
- 41 PUBLICATIONS (2017-2020) *SCIENTIFIC ARTICLES & BOOK CHAPTERS*
- QUALITY PROCESSES
- PARTICIPATION TO 3 EUROPEAN PROJECTS
- PARTICIPATION TO NATIONAL & INTERNATIONAL CONGRESSES

RESEARCH AREA & OBJECTIVES

- **Blood safety** and risk evaluation (**blood borne pathogens**)
- Studies of **emerging pathologies** in human health
- Large **epidemiological** studies (molecular & serologic)
- Studies of **emerging pathologies** in human health
- **Emerging pathogens: Arboviruses, Hepatitis A & E, SARS-CoV-2**
- **NAT screening:** evaluation, and implementation for blood safety. Quality testing and evaluation of existing diagnostic tests

KEYWORDS:

Infectious diseases, Emerging pathogens, Epidemiology, NAT screening.

DOMAINS OF EXPERTISE

- **EPIDEMIOLOGY** (France, Asia, Latin America, Africa)
- **EMERGING PATHOGENS AND BLOOD SAFETY** (Arboviruses, Hepatitis A & E, SARS-CoV-2)

SKILLS

- **IMPLEMENTATION OF LARGE SCALE STUDIES**
- **MOLECULAR BIOLOGY:** genetics & genomics studies
- **INFECTIVITY** (BSL2, BSL3 LABORATORIES)
- **ANIMAL MODELS**
- **CLINICAL STUDIES** (France, Asia, Latin America, Africa)

PLATFORMS & TECHNICAL RESSOURCES

- UMR190 platforms (MARSEILLE, PACA):
 - SEROLOGY PLATFORM
 - MOLECULAR PLATFORM
 - ACCESS TO BIOLOGICAL SAFETY LEVEL BSL2 & BSL3 LABORATORIES
- **ACCESS TO BIOLOGICAL COLLECTIONS:** EVA (European collection of viruses and derived products),
- **SAMPLES COLLECTIONS** (blood donors, patients & other biological samples) – *under conditions*,
- **COLLABORATION WITH THE NATIONAL REFERENCE CENTER FOR ARBOVIRUSES** (same research unit = UMR 190 Emerging Viruses).