

CRIPT Leadership and Project Management

ADOLFO GARCIA-SASTRE (PI)

CRIPT Coordinators

Marlene Espinoza
Ryan Camping

Data Management

Eric Bortz
Scientific Leadership Group
Project leaders
External Advisory Board
NIAID

1. Longitudinal Human Influenza Studies

Clinical Director
VIVIANA SIMON

1.A. Responses to Vaccination Cohorts

1.B. Severity of Flu Infection Cohorts

1.C. Human Transmission Cohort

1.D. Surveillance in Hospital Settings

MARK MULLIGAN – US
ALI ELLEBEDY – US
Teresa Aydillo – Spain

OCTAVIO RAMILO – US
Rafael Medina – Chile
Teresa Aydillo – Spain
Viviana Simon - US

DONALD MILTON – US

VIVIANA SIMON – US

2. Influenza Surveillance, Risk Assessment and Response Research

Part A: Zoonotic Influenza Surveillance and Risk Assessment Research

Project 1. Surveillance In Domestic Animals

JON RUNSTADLER – US (*marine mammals*)
Rafael Medina – Chile (*swine*)
Ying Chen – China (*canine and swine*)
Gustavo del Real – Spain (*swine*)
Yoshi Kawaoka – Indonesia, Vietnam (*H5, H7*)
Martha Nelson – NIH (*phylogeographical*)

Part B: Acute Human Influenza Surveillance & Risk Assessment Research

Project 2. Severity of Infection

Project 3. Human Transmission

Project 4. Human Surveillance

Harm Van Bakel (*sequencing*); Ana Fernandez-Sesma (*primary cells*); Adolfo García-Sastre and others (*mice*); Randy Albrecht and others (*ferrets*); Nicky Bouvier and others (*guinea pigs*); Yoshi Kawaoka (*hamsters, macaques*); Derek Smith (*antigenic landscapes*); Marta Luksza (*phylogeny*); Teresa Aydillo (*statistics*); SERP (*avian*); USDA (*swine*)

3. Pre-Pandemic & Pandemic Emergency Response

4. Pathogenesis and Immune Response Research

Part A: Viral Emergence, Evolution and Transmission

Research Project 1. Virus Determinants of Tropism

ADOLFO GARCIA-SASTRE
Ana Fernandez-Sesma
ISMMS

Part B: Immune Response to Vaccination and Infection

Research Project 2. Antigenic Evolution and Transmission

RON FOUCHIER
Yoshi Kawaoka
Daniel Perez
EMC – UW – UG

Research Project 3. Antibody Responses to Vaccination and Infection

PETER PALESE
Florian Krammer
Ali Ellebedy
Patrick Wilson
ISMMS – WASHU – WC

Part C: Influenza Disease Severity

Research Project 4. Host Determinants of Virulence

YOSHI KAWAOKA
Daniel Perez
UW – UG