EVALUATION REPORTS | EN

Département de biologie cellulaire et infection

Type: Research unit evaluation report

Evaluation campaign: 2018-2019 (group E) - **Published on:** 18/03/2019

Institution(s) concerned: Institut Pasteur Paris

Disciplinary research field: Life and Earth Sciences (SVE)

Scientific field(s): 5 - Biologie, medecine et santé

ERC panel(s): LS3 Cellular and Developmental Biology: cell biology, cell physiology, signal transduction, organogenesis, developmental genetics, pattern formation in plants and animals ; PE6 Computer science and informatics: informatics and information systems, computer science, scientific computing, intelligent systems ; LS6 Immunity and infection: immunobiology, aetiology of immune disorders, microbiology, virology, parasitology, global and other infectious diseases, population dynamics of infectious diseases, veterinary medicine ; LS5 Neurosciences and neural disorders: neurobiology, neuroanatomy, neurophysiology, neurochemistry, neuropharmacology, neuroimaging, systems neuroscience, neurological disorders, psychiatry ; LS1 Molecular and Structural Biology and Biochemistry: molecular biology, biochemistry, biophysics, structural biology, biochemistry of signal transduction ; LS4 Physiology, Pathophysiology and Endocrinology: organ physiology, pathophysiology, endocrinology, metabolism, ageing, regeneration, tumorigenesis, cardiovascular disease, metabolic syndrome

Name of unit teams: E1 ; E2 ; E3 ; E4 ; E5 ; E6 ; E7 ; E8 ; E9 ; E10 ; E11 ; E12 ; E13 ; E14

Keywords: Analyse d'Images ; Tracking ; Compressive Sensing ; Pathologie numérique ; Machine Learning ; Biologie cellulaire ; migration ; polarité ; invasion ; astrocytes ; infection ; epigenetics ; innate immune memory ; Cell division ; cytokinesis ; actin ; Rab GTPases ; membrane traffic ; Membrane trafficking ; Imaging ; neurodegeneration ; quantitative cell biology ; Tuberculosis ; real-time microscopy ; quantitative single-cell biology ; bacterial persistence ; subpopulation quiescence ; Cancer ; Chromatin ; Gene expression ; Senescence ; SUMO ; Infection ; microbiologie ; biochimie ; biologie cellulaire ; immunologie

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