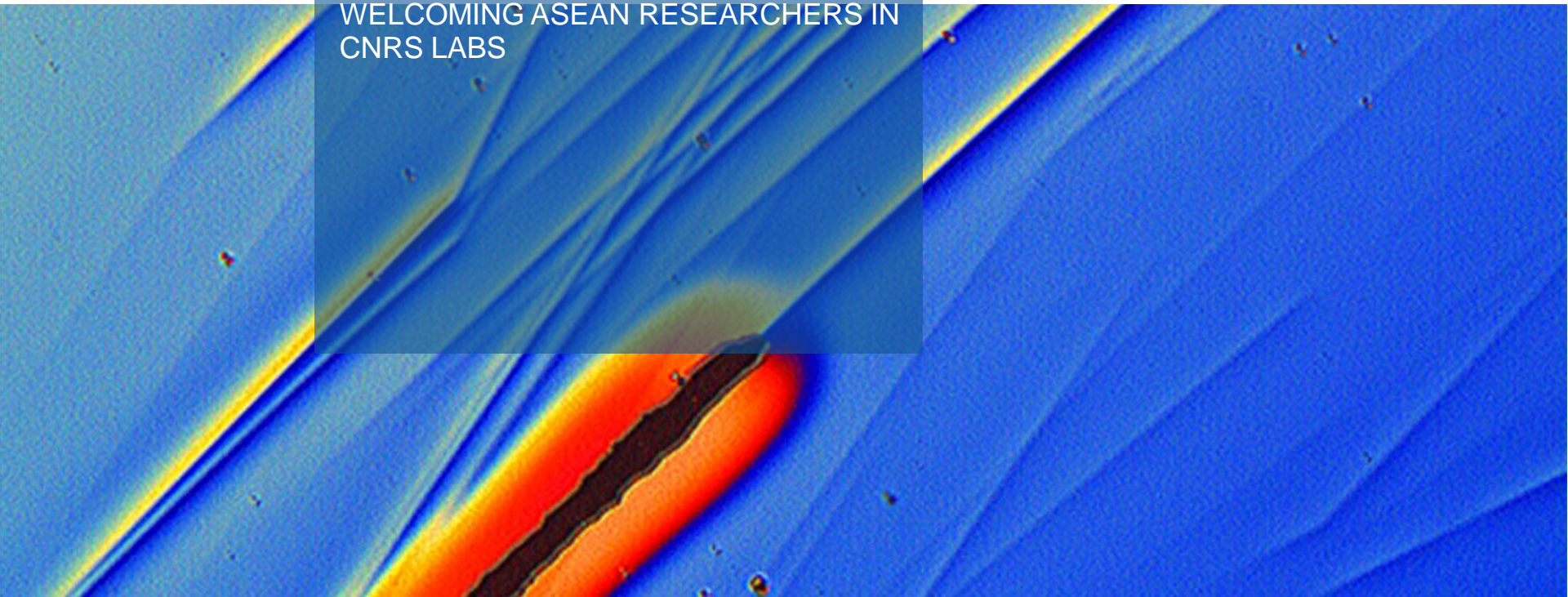




CNRS

WELCOMING ASEAN RESEARCHERS IN
CNRS LABS





WELCOMING ASEAN RESEARCHERS IN CNRS LABS

CNRS - French National Centre for Scientific Research

- Interdisciplinary public research organisation
- Internationally recognised for the excellence of its scientific research

Research fields :

- Biology
- Chemistry
- Ecology and environment
- Humanities and social sciences
- Engineering and systems
- Mathematics
- Nuclear and particles
- Physics
- Information sciences
- Earth sciences and astronomy

**3.3
billion**
A budget of

33,000
people dedicated
to research

1,144
research
laboratories in
France and
abroad

CNRS participation in Horizon 2020 (2014-2020)

- Participation in 1728 H2020 projects (~18% success rate) including 507 MSCA projects (all actions incl.)
- **324 MSCA Individual Fellowships funded** (17,3% success rate)

<https://www.cnrs.fr/en>



Laboratory	Research Area Keywords	Website
Institut de Biologie Valrose (IBV) – Nice	RNA biology, RNA localization, neuron, Drosophila	http://ibv.unice.fr/research-team/besse/
Institut de mathématiques de Marseille – Marseille	Ergodic theory, random matrices, point processes	https://www.i2m.univ-amu.fr/la-recherche/projets/european-research-council-erc/erc-ichaos/
Centre de Recherches Péetrographiques et Géochimiques (CRPG) – Vandœuvre-lès-Nancy	Erosion, mountain building, carbon cycle, weathering, organic tracers, Geochemistry, sedimentology, geomorphology, paleo-climate Himalaya, Bengal fan, floodplain, river system.	http://www.crbg.cnrs-nancy.fr/index.php
Laboratory of Physical Chemistry and Microbiology for Materials and the Environment (LCPME) – Villiers-lès-Nancy	Electrochemistry – Sol-Gel Materials – Mesoporous Silica Films – Sensors – Organic-Inorganic Hybrids – Nanostructured Electrodes – Molecular Electronics	http://www.lcpme.cnrs-nancy.fr/lcpme/spip.php?rubrique8&lang=en
Institute of Physics and Chemistry of Materials (IPCMS) – Strasbourg	Ultrafast Spectroscopy, Dye-sensitised solar cells, near-IR solar cells, electron and energy transfer, non-linear optics, photo-isomerisation	http://www.ipcms.unistra.fr/?page_id=6777&lang=en
Laboratoire de Chimie de Coordination (LCC) – Toulouse	Molecular materials - Molecular magnets – nanomagnets – multiferroics – SCM – SMM – H-Bonded networks	https://spip.lcc-toulouse.fr/article480.html
Institut de Recherches sur la Catalyse et l'Environnement de Lyon (IRCELYON) – Lyon	Bio-inspired oxidation catalysis, selective oxidation, carbene transfer reactions; mechanisms of oxidation and characterization of high-valent iron complexes; Phthalocyanine complexes, N-bridged binuclear complexes	https://www.ircelyon.univ-lyon1.fr/team/cdurable/
Institut Fresnel – Marseille	Biomedical optics, Diffuse optics, Diffuse Optical Tomography, Photoacoustics, Polarization imaging.	https://www.fresnel.fr/spip/spip.php?article1448
Laboratory of Molecular Innovation and Applications (LIMA) – Mulhouse	Organic chemistry, heterochemistry, heterocyclic chemistry, catalysis, asymmetry, chirality, Diels-Alder, C-H functionalization	https://bsm.unistra.fr/
Laboratory of Physical Chemistry and Microbiology for Materials and the Environment (LCPME) – Villiers-lès-Nancy	Electrochemistry, functional materials, biosensors, nanomaterials	http://www.lcpme.cnrs-nancy.fr/lcpme/spip.php?article78&lang=en
International Research Lab IPAL - Singapore	AI and HCI, Human Augmentation, Assistive Technologies, Human Cognition	https://ipal.cnrs.fr/christophe-jouffrais-personal-page/

Laboratory	Research Area Keywords	Website
Institut Néel – Grenoble (France)	Condensed matter, Strongly correlated systems, Superconductivity, high pressure	https://neel.cnrs.fr/equipes-poles-et-services/magnetisme-et-supraconductivite-magsup
Institut de Génétique et de Biologie Moléculaire et Cellulaire (IGBMC) – Illkirch	Neurobiology, Hematopoiesis, Metabolism, Genomics, Imaging, Molecular biology and genetics, Drosophila	http://www-igbmc.u-strasbg.fr/Giangrande
East-Paris Institute of Chemistry and Materials Science (ICMPE) – Thiais	Chemistry, materials science, solid-state chemistry and physics, polymer science, organic synthesis	https://www.icmpe.cnrs.fr/
Institut Galien Paris-Saclay – Chatenay-Malabry	Lipids, liposomes, cubosomes, cyclodextrins, deep eutectic solvents, supramolecular assemblies, Janus nanoparticles, nanomaterials, drug targeting	http://www.umr-cnrs8612.universite-paris-saclay.fr/
Laboratoire de Physique Théorique -Toulouse (France)	Theoretical physics, condensed matter physics, quantum physics, numerical simulations, many body localization, frustrated magnetism	http://www.lpt.ups-tlse.fr/alet
Institut de Chimie des Substances Naturelle (ICSN) – Gif-sur-Yvette	Organometallic catalysis; organocatalysis; phosphines; chirality; gold catalysis; helicenes; photoswitchable catalysis	https://icsn.cnrs.fr/en/research/somc/phosphorus-chemistry-and-catalysis
Institut d’Astrophysique de Paris (IAP) – Paris	Gravitational waves, post-Newtonian approximation, compact objects	http://www.iap.fr/recherche/groupes/groupes-1.php?nom=phystheo
Laboratoire d’Annecy-le-Vieux de Physique Théorique (LAPTh) – Annecy	Axion-like particles, hidden photons, collider physics, rare decays, high-intensity colliders, feebly-interacting particles	http://lapth.cnrs.fr/en/research/research-topics/particle-physics
Unit Function & Protein Engineering (UFIP) – Nantes	Glyco-enzymology and glyco-technology applied to the development of antimicrobial agents, vaccines or drugs, Development of novel anti-viral agents	https://ufip.univ-nantes.fr/
Unité de Glycobiologie Structurale et Fonctionnelle –UGSF) – Villeneuve d’Ascq	Glycosylation, Structure, Diversity, Specificity, Differentiation and maturation, Function, Glycoproteomics, Molecular modelling and interaction, Immunology	http://ugsf-umr-glycobiologie.univ-lille1.fr/--62-?lang=fr
Institut de Physique de Nice – Nice	Theoretical fluid mechanics, Electrohydrodynamics	https://inphyni.univ-cotedazur.fr/recherche/physique-non-lineaire-fluides-complexes-et-biophysique
Néel Institute – Grenoble	Theoretical physics - Condensed matter - Quantum many-body problem Quantum Nano Electronics - Numerical Simulations	https://neel.cnrs.fr/equipes-poles-et-services/theorie-quantique-des-circuits-thqc

Laboratory	Research Area Keywords	Website
Institut de Mécanique et d'Ingénieries – Bordeaux	Microfluidics, electrokinetics, near-critical fluids, binary fluids, phase field, instabilities	https://www.i2m.u-bordeaux.fr/Recherche/TREFLE-Transfert-Fluide-Energetique
Institute of Research for Ceramics –Limoges	Ceramics coatings, nanomaterials, thermal plasma science, plasma spraying, arc plasma torch, plasma diagnostics and modelling	https://www.ircer.fr/
Institut de physique du globe de Paris – Paris	Earth and Planetary Interiors, Natural Hazards, Earth System Science, Origins	http://www.ipgp.fr/en
Metabolic and systemic aspects of oncogenesis for new therapeutic approaches (METSYS) – Paris	Cell fate- Metabolic plasticity – Organelle cross talk - Oncogenesis and targeted therapies	https://www.gustaveroussy.fr/fr/umr-9018
East-Paris Institute of Chemistry and Materials Science (ICMPE) – Paris	Metallurgy, solid state chemistry and physics ; Electrochemistry (electrode materials) ; Polymer science, composite materials ; Polymer science, composite materials	www.icmpe.cnrs.fr
Institut Jacques Monod (IJM) – Paris	Dynamics of the Genome and Chromosomes ; Cellular Biology; Physics of Living Matter; Developmental Biology; Evolution	https://www.ijm.fr/en/2/institut-jacques-monod.htm
Research Unit for the study of English-speaking Countries and Culture (LARCA) – Paris	History; Literature ;Arts; Anthropology; Arts and Visual Culture; Boundaries of literature; History of Politics in English-Speaking Countries; Gender and Sexuality Studies; Early Modernities and the Circulation of Knowledge	https://larca.u-paris.fr/en/home/
Center for Research on Science, Medicine, Health and Society (CERMES 3) – Paris	Diversification of health care practices and settings; Policies related to knowledge; Innovation, markets and social welfare	https://www.cermes3.cnrs.fr/fr/
Laboratoire d'Electrochimie Moléculaire (LEM) – Paris	Molecular electrochemistry - molecular engineering - theoretical, methodological and instrumental developments - valorisation and technology transfer	http://www.lemp7.cnrs.fr/Index.htm
Lab Chemical and Biological Technologies for Health (UTCBS) – Paris	Nanomedicine, Imaging Agents, Theranostic, targeting, Physico-chemistry	https://www.utcbs.cnrs.fr/
Laboratoire inter-universitaire des systèmes atmosphériques (LISA) – Paris	Large scale pollution evolution of organic carbon activities – Pollution - Astrobiology	http://www.lisa.u-pec.fr/en
'History of Linguistic Theories' Laboratory (HTL) – Paris	History of grammatical tools such as grammars, dictionaries, lexica, manuals, etc ; History of grammatical notions; History of ideas about language and languages ; History of grammatical / linguistic schools	http://htl.linguist.univ-paris-diderot.fr/welcome

Laboratory	Research Area Keywords	Website
Institut Cochin – Paris	Antigen processing and presentation, dendritic cells, HIV, cancer	https://www.institutcochin.fr/departments/3i/team-hosmalin/antigen-cross-presentation-1?set_language=en
Laboratory of the Physics of the two infinities Irène Joliot-Curie (IJCLab) - Orsay	AI applied to particle physics	https://www.ijclab.in2p3.fr/en/home/ https://scholar.google.fr/citations?user=Xzdm_9IAAAAJ&hl=fr
Institute of Human Genetics (IGH) – Montpellier	Inflammation, nucleic acid immunity, innate immunity, virology, tumor biology, metabolic disorders	https://pubmed-ncbi-nlm-nih-gov.insb.bib.cnrs.fr/?term=laguette+n&sort=date
Institute of Human Genetics (IGH) – Montpellier	Immunogenetics, immunoinformatics, artificial intelligence, bioinformatics	http://www.imgt.org/IMGTinformation/IMGTreferences.php?data=publications
Institute of Human Genetics (IGH) – Montpellier	Chromatin, transcription, gene regulation, molecular biology of cancer	https://www.igh.cnrs.fr/en/research/departments/genome-dynamics/regulation-des-genes
Institute of Functional Genomics (IGF) - Montpellier	Signaling, Plasticity and Cancer, cancer stem cells, colorectal cancer.	https://www.researchgate.net/profile/Julie-Pannequin

Contact

CNRS New Delhi office

derci.newdelhi.office@cnrs.fr



CNRS

Laboratory of the Physics of the two infinities Irène Joliot-Curie

IJCLab: Laboratoire de Physique des 2 Infinis Irène Joliot Curie

Laboratory of the Physics of the two infinities Irène Joliot-Curie

Our thematics of research:

Astroparticles ,Astrophysics and Cosmology, Accelerator Physics, High-Energy Physics, Nuclear Physics, Theoretical Physics, Energy and Environment, Interface Life Sciences / PhysicsAstroparticules , Engineering (electronics, IT and computing, instrumentation and mechanical engineering)

One interested supervisor:

David Rousseau

In this domain: Artificial Intelligence application in particle physics

Link to his publications:

https://scholar.google.fr/citations?user=Xzdm_9IAAAAJ&hl=fr

Contacts in IJCLab :

Nathalie Chérel: nathalie.cherel@ijclab.in2p3.fr

Ketel Turzo: ketel.turzo@ijclab.in2p3.fr

**From: Service Transfert, Innovation, Relations Internationales/
Transfer, Innovation and Relations Service**

Generic mail adress: stiri@ijclab.in2p3.fr

Web site laboratory: <https://www.ijclab.in2p3.fr/>



**Institute of Human Genetics (CNRS-UM
UMR 9002)**

**Institute of Functional Genomics (CNRS-
UM-INSERM UMR 5203)**

Interested Research Units Research axes - keywords

Institute of Human Genetics (IGH)

CNRS – University of Montpellier

UMR 9002

www.igh.cnrs.fr

Genome dynamics, Developmental genetics, Epigenetics, Molecular and cellular pathology

Institute of Functional Genomics (IGF)

CNRS – University of Montpellier - INSERM

UMR 5203

www.igf.cnrs.fr

Functional genomics of physiological and pathological cellular communications, neurobiology, endocrinology, oncology and cardiology, structural, biochemical, genetic, epigenetic, omics, physiological and behavioural studies, multi-omic approaches

Researchers interested to host and supervise MSCA postdoctoral fellows

Dr. Nadine LAGUETTE (IGH)

Keywords : Inflammation, nucleic acid immunity, innate immunity, virology, tumor biology, metabolic disorders

The work of the "Molecular Bases of Inflammation" team revolves around the study of the mechanisms regulating chronic inflammation and its pathophysiological consequences. We are particularly interested in the mechanisms involved in the initiation, maintenance, resolution of inflammation and the metabolic consequences associated with the presence of pathological nucleic acids. This work is of crucial importance for understanding anti-viral and anti-tumor responses - and more generally for pathologies presenting chronic inflammation.

Main publications : [here](#)

Dr. Sofia KOSSIDA (IGH)

Keywords : Immunogenetics, immunoinformatics, artificial intelligence, bioinformatics

IMGT®, the international ImMunoGeneTics information system® <http://www.imgt.org>, is the global reference in immunogenetics and immunoinformatics. The three current main axes of research within IMGT® are: 1) Deciphering the IG and TR locus, genes and alleles in genomes of vertebrates, 2) NGS based analysis of the expressed repertoires of the adaptive immune responses and 3) IMGT databases and tools for the analysis of the adaptive immune proteins.

Main publications : [here](#)

Researchers interested to host and supervise MSCA postdoctoral fellows

Dr. Rosemary KIERNAN (IGH)

Keywords : Chromatin, transcription, gene regulation, molecular biology of cancer

Our projects of the 'Gene Regulation' lab aim at unravelling the complex mechanisms involved in expression of the human genome at the molecular level using genome-wide approaches. We are interested in understanding how these mechanisms are subverted and exploited in pathological conditions such as HIV-1 infection and cancer.

Main publications : [here](#)

Dr. Julie PANNEQUIN (IGF)

Keywords : Signaling, Plasticity and Cancer, cancer stem cells, colorectal cancer.

Our main projects aim at understanding key mechanisms in chemoresistance and tumor dissemination in order not only to increase our knowledge but as well to propose new clinical tools to improve patient management care. Research models are starting from cancer cells to patient samples with a strong in vivo activity including xenografts and transgenic mice.

Main publications : [here](#)

Contact :

Dr. Nadine Laguette : nadine.laguette@igh.cnrs.fr

Dr. Sofia Kossida : sofia.kossida@igh.cnrs.fr

Dr. Rosemary Kiernan : rosemary.kiernan@igh.cnrs.fr

Dr. Julie Pannequin : julie.pannequin@igf.cnrs.fr



www.cnrs.fr

Centre National de la Recherche Scientifique

10 laboratories UMR type at CNRS MOY100 - DR1 Ile de France Villejuif

Research Areas & KEYWORDS



UMR7154 Institut de physique du globe de Paris (IPGP-UMR) <http://www.ipgp.fr/en>

Earth and Planetary Interiors : Space instrumentation, Planetary sciences, Lunar exploration, Spatial geodesy **Natural Hazards**: Crustal deformation at all time scales, from instantaneous (earthquakes, volcanoes) to long term (mountain range, subduction), Seismic cycle and paleo seismology, Petrology, Sedimentology applied to the quantification of deformation processes. Glass, melts, crystal, lava and magma - structure and properties, **Earth System Science**: Biogeochemical processes in the critical zone, Landscape evolution, Comparative planetary science , Paleoenvironments , The deep biosphere **Origins**: Geophysics, Particles and gravitational waves monitoring from space, Elucidate the origin of moons and rings around planets, Determine the key parameters controlling planetary differentiation



UMR9018 Metabolic and systemic aspects of oncogenesis for new therapeutic approaches (METSU) <https://www.gustaveroussy.fr/fr/umr-9018>

Keywords: Cell fate- Metabolic plasticity – Organelle cross talk - Oncogenesis and targeted therapies **TEAMS RESEARCH** : Team 1 - Metabolic plasticity in health and disease – Team 2 - Host-tumor relationships in head and neck carcinomas : exploration and therapeutic modulations - Team 3 - Chromatin dynamics and metabolism in B cell lymphomas - Team 4 - ERC- Mitochondrial Cell Biology and Pharmacology



East-Paris Institute of Chemistry and Materials Science (ICMPE) From molecular chemistry to materials science - organics vs. inorganics www.icmpe.cnrs.fr

Keywords and Axes: Metallurgy, solid state chemistry and physics ; Electrochemistry (electrode materials) ; Polymer science, composite materials ; Polymer science, composite materials **Electrosynthesis, Catalysis & Organic Chemistry**: Bioactive molecules, heterocyclic chemistry, multicomponent reaction, catalysis, coupling reactions, biomass valorization **Bio-Macromolecules & Materials for Sustainability**: Biodegradable polyesters, bio-based building blocks, chemical modification, photochemistry, antibacterial coatings, biocomposites **Nanostructured Polymers & Surfaces (PSNano)**: Supra- and macromolecular assembly stealth copolymers, hydrogels, concentrated polymer solutions, vectorization, drying, rheological and mechanical properties **Porous Polymers and Heterostructures (PYHCs)**: Multiscale porous materials, nanocapsules, polymer/nanoparticles hybrids, functional interfaces, flow chemistry processes (catalysis, separation, sensing), polymers for health **Advanced Macromolecular Synthesis (SyMA)**: Macromolecular engineering, bioactive polyelectrolytes, polymer nanoparticles, therapeutics **Hydrogen Matter Interactions (IHM)**: Metal Hydrogen Interactions, structural determination, ageing, isotopic effect, H2 Storage, electrochemical storage :Ni-MH & Li-ion batteries **Photo-Electro-Catalysis for energy & Environment (PECEE)** : (photo-)electrochemistry, electrocatalysis, metallic catalysts, photovoltaics, pollutant valorization, water treatments **Electrochemical Storage of Energy : M-ion Batteries (BattION)**: Insertion/conversion materials, inorganic synthesis, solid-state electrochemistry, mechanisms/structural stress, couplin Ramn spectroscopy-DFT calculations, aqueous systems, microbatteries **Magnetic & Thermoelectrical Properties (PMT)**: Rare Earth elements, materials physics, permanent magnets, magnetocaloric conversion, magnetic registration, magnetic hyperthermia, electronic and thermal transport **Design of Alloys & Microstructures (CAM)**: Phase diagrammes, materials design, processing, microstructures, defaults, mechanics, transport phenomena **Calculation & Modelling (C&M)**: Electronic, thermodynamic, microstructural, magnetic, and mechanical properties by various calculation and modelling methods (CVM, DFT, Calphad), machine learning (AI)



UMR7592 Institut Jacques Monod (IJM) <https://www.ijm.fr/en/2/institut-jacques-monod.htm>

Themes : Dynamics of the Genome and Chromosomes ; Cellular Biology; Physics of Living Matter; Developmental Biology; Evolution **Axes**: Molecular and Cellular Pathologies – Medicine; Quantitative and Computational Biology ; **interdisciplinary approaches and tools**: Physics, biophysics, cell biology, molecular biology, genetics, proteomics, structural and functional genomics, mathematics, etc. Single cell and molecular analysis, light and electron microscopy, cytometry, mass spectrometry, DNA sequencing, bioinformatics, etc. **biological models**: Saccharomyces , Paramecium , Arabidopsis , Drosophila , Caenorhabditis , Platynereis , sea urchin, amphibians, mice, human cells and organoids, etc.



Centre National de la Recherche Scientifique

6 types of laboratory UMR type at CNRS MOY100 Ile de France Villejuif

Research Areas & KEYWORDS



UMR8225 Research Unit for the study of English-speaking Countries and Culture(LARCA) <https://larca.u-paris.fr/en/home/>
Keywords and Axes: *History ; Literature ; Arts; Anthropology ; Arts and Visual Culture ; Boundaries of literature ; History of Politics in English-Speaking Countries ; Gender and Sexuality Studies ; Early Modernities and the Circulation of Knowledge* **Cross Axes:** *Environmental Humanities ; Medical Humanities ; Working Classes ; Material Culture in Question ; The Periodical Press : from Paper to Digital ; Writing History from the Margins*



UMR8211 Center for Research on Science, Medicine, Health and Society (CERMES 3) <https://www.cermes3.cnrs.fr/fr/>
Key research axes: *Diversification of health care practices and settings; Policies related to knowledge; Innovation, markets and social welfare* **Expertise areas:** *Specific skills regarding the production, diffusion and use of knowledge and techniques ; A varied and multifaceted approach to innovation, at the crossroads of health needs, social welfare and markets ; The observation of medical and care work and practices ; A renewed approach to globalization taking into account the effects of symmetry between Northern and Southern countries.*



UMR7591 Laboratoire d'Electrochimie Moléculaire (LEM) <http://www.lemp7.cnrs.fr/Index.htm>
Keywords: *Molecular electrochemistry - molecular engineering - theoretical, methodological and instrumental developments - valorisation and technology transfer*
Fundamental research - areas of activity: *Reactivities, Electro- and Photo-catalysis using electron transfers – Small Molecules (CO2, O2, N2) activation), (Bio)Electroanalytical Methodologies and Reactivities - Charges transfer/transport in mesoporous electrodes, Electrochemistry and Engineering of Supramolecular Assemblies - Surface functionalization - Electrochemical activation /detection of halogen bonds, Biomacromolecular Systems - Electron Transport at the Nanoscale* **Investigation tools:** *electrochemical, photochemical, spectroelectrochemical methods (UV-Vis, IR, XAS), M/AFM-SECM microscopy*



UMR8258 Lab Chemical and Biological Technologies for Health (UTCBS) <https://www.utcbs.cnrs.fr/>
Keywords: *Nanomedicine, Imaging Agents, Theranostic, targeting, Physico-chemistry* **Multidisciplinary Research on nanovectors dedicated to Health:** *Nanotechnologies for Health, Physico-chemistry, Pharmaco-techny, Biological Evaluation, Chemistry, Pre-formulation Characterization, Formulation, Dedicated Animals Models, Optical Imaging Platform*



UMR7583 Laboratoire inter-universitaire des systèmes atmosphériques (LISA) <http://www.lisa.u-pec.fr/en>
LARGE SCALE POLLUTION EVOLUTION OF ORGANIC CARBON ACTIVITIES : *Physico-chemistry of air pollution, air pollution modelling, secondary aerosol and pollutant formation, sensitivity to emission changes, interaction of air pollution and climate change; Pollutant emissions (NOx, VOCs, NH3), inverse modelling, satellite observations of pollutants, recent trends and driving processes ; Atmospheric aerosols, light-absorption, ageing, secondary organic compounds, optical calculations, radiative effects, climate simulations ; Atmospheric aerosols, light-absorption, ageing, secondary organic compounds, optical calculations, radiative effects, climate simulations; Multiphase evolution of organic carbon in the troposphere :atmospheric chemistry, air pollution and climate, organic compounds, organic aerosol, detailed chemical mechanisms, box models ;* **POLLUTION :** *Impacts of Urban Air Pollution on Inhabitant's Health : Environmental Chemistry - Analytical Chemistry - Physical Chemistry - Atmospheric simulation chambers - SOA - ultrafine aerosols - preclinical models - cells - organoids - organ-on-a-chip* **ASTROBIOLOGY** *Planetology / Exobiology : Comets / Planets / Satellites / Ocean Worlds / Exoplanets / In situ observation / space missions / laboratory simulations / Spectroscopy / organic chemistry / Solid-gas interactions / Gas chromatography / Liquid chromatography / mass spectrometry / VUV / spectroscopy / IR spectroscopy*



UMR7597 'History of Linguistic Theories' Laboratory (HTL) <http://htl.linguist.univ-paris-diderot.fr/welcome>
Areas of research - Key words: *History of grammatical tools such as grammars, dictionaries, lexica, manuals, etc ; History of grammatical notions (e.g. 'part of speech') ; History of ideas about language and languages ; History of grammatical / linguistic schools ; (e.g. 'the Pāinian school', 'Structuralism')*



Supervisors List



Join a multidisciplinary group with multi-nationalities to work in a well-being atmosphere located in the center of PARIS, close to the beautiful Jardin du Luxembourg

SUPERVISORS

Team Nathalie Mignet

Nathalie.Mignet@u-paris.fr

Vectors for Molecular Imaging and Targeted Therapy « Vector »

Formulation for the conception of drug delivery, liposomes, nanocrystals,
Physico-chemical characterisation of nanoparticles
Formulation of biologics, sol/gel systems
Optical imaging platform, Animal experimentation, cancer models

Team Virginie Escriou

virginie.escriou@u-paris.fr

Biotherapies by Nucleic Acid Vectorisation « Biotherapy »

Biotherapies: gene therapy, siRNA, gene vaccination
Nucleic acid delivery
Animal Experimentation : model of hepatic fibrosis

Team Salima Hacein-Bey-Abina

salima.hacein-bey-abina@u-paris.fr

Cytokine modulation of Hematopoiesis « Immunology »

Biotherapies – Gene and cell therapy
Role of cytokines in hematopoiesis, EPO
Animal Experimentation: breast cancer model, EPO KO



Join a Leading European research center in the social studies of medicine, science and health, and their relations to society

SUPERVISORS

Jean-Paul Gaudillière, Historian (INSERM and EHES)

<https://www.cermes3.cnrs.fr/en/members/445-gaudilliere-jean-paul-en>

Laurent Pordié, Anthropologist (CNRS)

<https://www.cermes3.cnrs.fr/en/members/296-pordie>

Simeng Wang, Sociologist (CNRS)

<https://www.cermes3.cnrs.fr/en/members/566-wang-simeng>

Beside developing cutting edge research, our multidisciplinary team is committed to students' supervision and training in various parts of the world, including South and South East Asia.

Current research at the CERMES3 gives emphasis to the notion of crisis in order to study rising tensions within the domains of medicine, science and health likely to lead to disruption or radical change. Our scope of interest and expertise ranges from mental health to genetics, traditional Asian medicine to biotechnologies, health-at-work to handicap, or again the environment.

Main Contact : laurent.pordie@ehess.fr



Visibility and attractivity: extensive collaborations with numerous French and foreign groups very strong involvement in training (Master's degree, International school of cyclic voltametry CVIS, EUR Chemistry)

SUPERVISORS

PI : Marc ROBERT robert@u-paris.fr

REACTE: Reactivity and Catalysis using electron transfers

Molecular electrochemistry, molecular catalysis and catalytic films, photocatalysis, activation of small molecules (N₂, CO₂, O₂, H₂O), reaction mechanisms, ab initio calculations
Nat. Commun. 2020, 11:3499. [\[Link\]](#) Angew. Chem. Int. Ed. 2020, 59, 16376-16380. [\[Link\]](#) Science 2019, 365, 367-369. [\[Link\]](#) Nature 2017, 548, 74-77. [\[Link\]](#)

PI : Christophe DEMAILLE Christophe.demaille@u-paris.fr

BIONANO: Biomacromolecular Systems - Electron Transport at the Nanoscale

Electrochemical microscopy, M/ AFM-SECM, nanoscale biostructures, enzymatic cascade
ACS Catal. 2020, 10, 7843-7856. [\[Link\]](#) ACS Catal. 2019, 9, 5783-5796. [\[Link\]](#) Anal. Chem. 2019, 91, 6775-6782. [\[Link\]](#) Small 2017, 1603163. [\[Link\]](#)

PI : Benoît LIMOGES limoges@u-paris.fr

MER : Electroanalytical Methodologies and Reactivities

Enzyme electrochemistry, modified electrodes, electrocatalysis, mesoporous electrodes, aqueous battery, charges transfert/transport
Chem. Mater., 2021, 33, 3436-3448. [\[Link\]](#) Small, 2021, [\[Link\]](#) Advanced Energy Materials, 2020, 3, 7610-7618. [\[Link\]](#) Chem. Eur. J., 2019, 25, 7534-7546. [\[Link\]](#)

PI : Claire FAVE claire.fave@u-paris.fr

ELIAS: Electrochemistry and Engineering of Supramolecular Assemblies

Molecular electrochemistry, organic and organometallic synthesis, supramolecular assemblies, surface functionalization of electrodes, self-assembled monolayers, halogen bonding
PhysChemChemPhys. 2021, 23, 4334-4352. [\[Link\]](#) Chem. Commun. 2014, 50 (93), 14616-14619. [\[Link\]](#) Current Opinion in Electrochemistry, 2019, 15, 89-96. [\[Link\]](#) Analyst, 2017, 142, 3432-3440 [\[Link\]](#)



Supervisors List & contacts



LABORATOIRE D'HISTOIRE DES THÉORIES LINGUISTIQUES

Join The only lab in France whose main focus is the history and epistemology of the language sciences, from Sanskrit grammarians to cognitive linguistics.

SUPERVISORS

Émilie AUSSANT (Sanskrit):

<http://htl.linguist.univ-paris-diderot.fr/laboratoire/membres/aussant>

Jean-Marie FOURNIER (French):

<http://htl.linguist.univ-paris-diderot.fr/laboratoire/membres/fournier>

Anne GRONDEUX (Latin):

<http://htl.linguist.univ-paris-diderot.fr/laboratoire/membres/grondeux>

Aimée LAHAUSSOIS (Tibeto-Burman):

<http://htl.linguist.univ-paris-diderot.fr/laboratoire/membres/lahaussois>

Vincent NYCKEES (Semantics):

<http://htl.linguist.univ-paris-diderot.fr/laboratoire/membres/nyckees>

Otto ZWARTJES (Missionary Linguistics):

<http://htl.linguist.univ-paris-diderot.fr/laboratoire/membres/zwartjes>

See our publications on HAL:

<https://hal.archives-ouvertes.fr/HTL>

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