

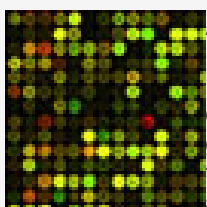
Equipment platforms

The UPJV has 8 shared equipment platforms, equipped with high-performance tools at the cutting edge of technology. The engineers and technicians of these platforms put their skills and expertise at the service of the research projects of the 36 research units at the UPJV, and of research in general.

Accessible to external public or private users (other research establishments, local authorities, companies, etc.), the platforms can support you in the development of your research projects.

Below you will find a short presentation of the platforms and the contact details of the staff responsible for setting up a collaboration.

Presentation of the platforms for setting up a collaboration



Areas of expertise:

- classical molecular biology analysis
- genomic analysis
- transcriptomic analysis
- analysis of molecular interactions and enzymatic activities
- controlled plant growing environments S2 and S3, in pots or in vitro
- phenotyping of seedlings in vitro
- automated high-flow phenotyping of pot plants

List of platform equipment: <https://www.u-picardie.fr/recherche/presentation/plateformes/centre-de-ressources-regionales-en-biologie-moleculaire-crrbm--382903.kjsp>

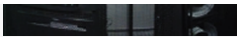
Contact:

Manager: Laurent Gutierrez - laurent.gutierrez@u-picardie.fr



Areas of expertise:

- 2D scanning (documents, photographs, etc.)
- 3D digitisation (monuments, land, etc.)



High-performance computing reliable and secure data storage
visualisation/restitution of scanning and calculation results

List of platform equipment: <https://www.u-picardie.fr/matrics/>

Contact:

Manager: Jean-Baptiste Hoock - jean-baptiste.hoock@u-picardie.fr



Areas of expertise:

exploration and enhancement of cultural heritage, in particular archaeological and historical heritage
mapping
creation of GIS databases and spatial analyses
human interaction and eye tracking
creation of databases of visual materials used for research or production in the field of SHS research

List of platform equipment: <https://www.u-picardie.fr/recherche/presentation/plateformes/plateforme-humanites-numeriques-493521.kjsp?RH=PLATEFORME>

Contact:

Director: Luc Vandromme - luc.vandromme@u-picardie.fr



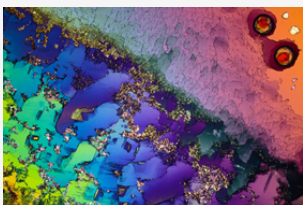
Areas of expertise:

analysis, characterisation and identification of molecules from solid, liquid or gaseous samples
mass spectrometry
NMR spectrometry

List of platform equipment: <https://www.u-picardie.fr/recherche/presentation/plateformes/plateforme-analytique-382972.kjsp?RH=PLATEFORME>

Contacts:

Managers: Serge Pilard and Dominique Cailleu
serge.pilard@u-picardie.fr
dominique.cailleu@u-picardie.fr



Areas of expertise:

study, analysis and characterisation of all types of samples
high resolution scanning electron microscopy
transmission electron microscopy
atom probe microscopy

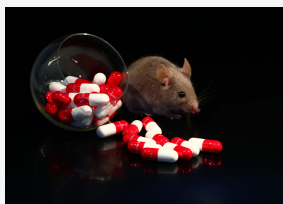
List of platform equipment: <https://www.u-picardie.fr/recherche/presentation/plateformes/plateforme-microscopie-electronique-382885.kjsp?RH=PLATEFORME>

Contacts:

Managers: Loïc Dupont and Arash Jamali

loic.dupont@u-picardie.fr

arash.jamali@u-picardie.fr



Areas of expertise:

housing rats and mice in zone A1, zone A2 and SPF

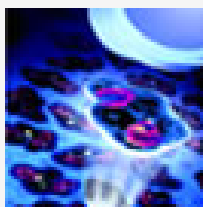
surgical experiments

behavioural studies

List of platform equipment: <https://www.u-picardie.fr/recherche/presentation/plateformes/plateforme-platann-382968.kjsp?RH=PLATEFORME>

Contact:

contact-platann@u-picardie.fr



Areas of expertise:

mass spectrometry

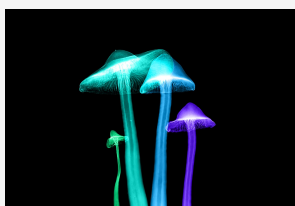
cellular imaging

small animal imaging

List of platform equipment: <https://icap.u-picardie.fr/>

Contact:

Manager: Paulo Marcelo - paulo.marcelo@u-picardie.fr



Areas of expertise:

monitoring the temperature of the animals

monitoring the heart rate of the animals

monitoring the respiration of the animals

Contact:

Manager: Olivier BALEDENT - olivier.baledent@u-picardie.fr