

Involvement in other networks

Part of the Structural and Metabolomics Analysis Network of Biogenouest



Member of the French Network of Metabolomics and Fluxomics (RFMF)



Collaborates with MetaboHUB



Involvement in trainings

Initial training

Corsaire is involved in doctoral training (doctoral school of Bretagne and Pays de la Loire regions) and several masters degree such as:

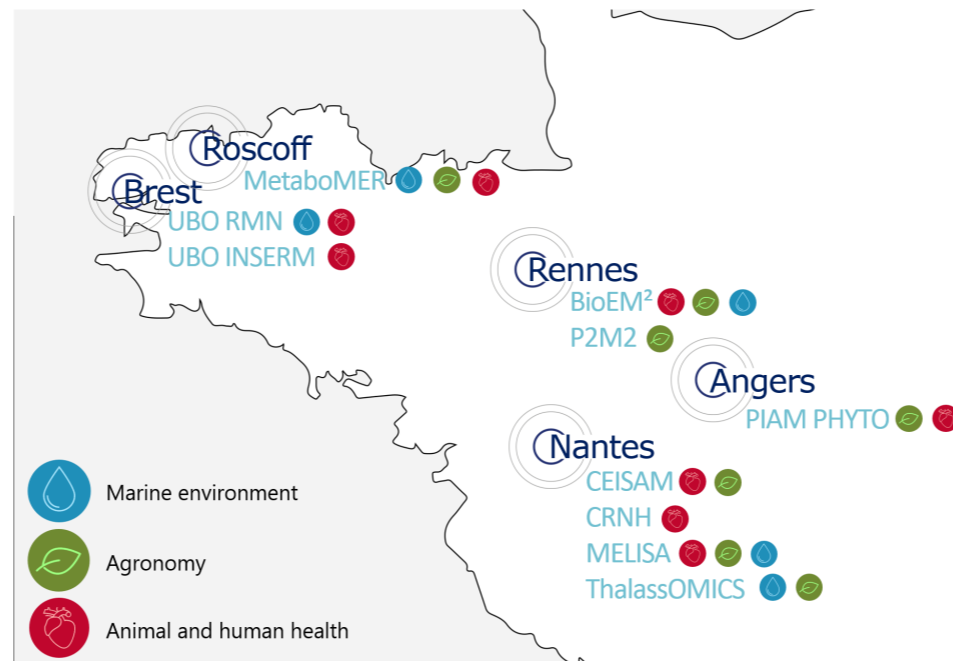
- A3M (Analysis, Molecules, Materials and Medication) in Nantes
- P²AON (Polymers and Active Ingredients of Natural Origins) between Angers and Nantes
- BAS (Biology, Agronomy and Health) based in Rennes.

Continuous training

- Galaxy and Workflow 4 Metabolomics
- Phenotype and chemotype analysis of plants



Complementary analytical skills



Contacts

Scientific directors:

Alain Bouchereau & Bruno Le Bizec

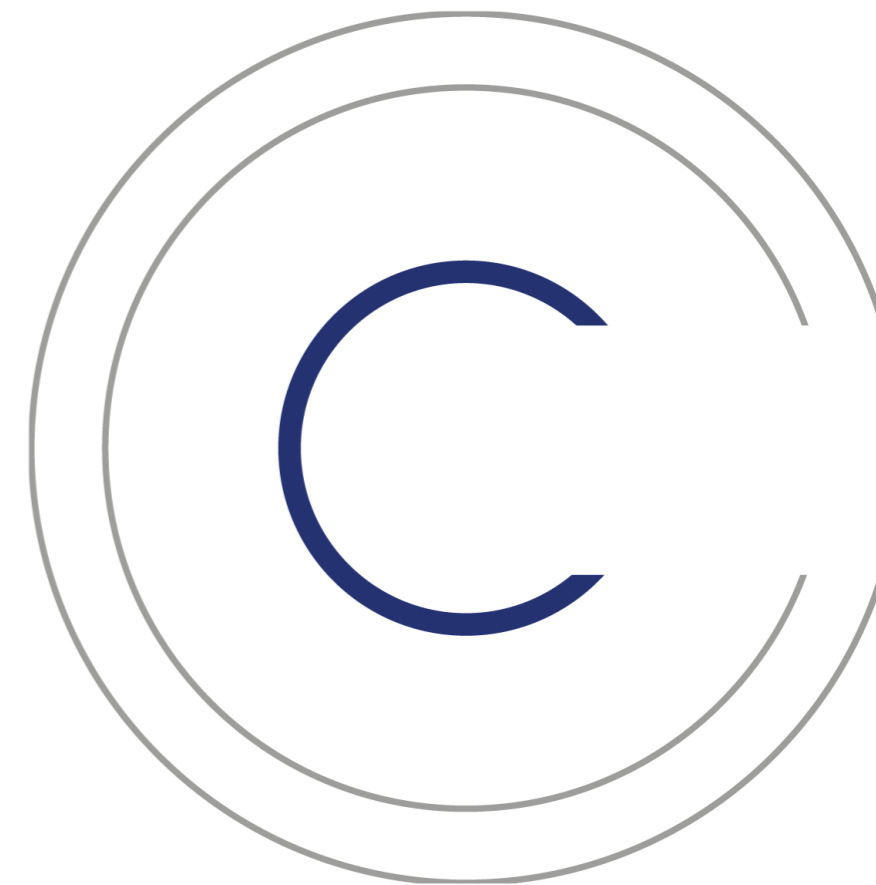
For further information or request:

contact-corsaire@biogenouest.org

www.pf-corsaire.org

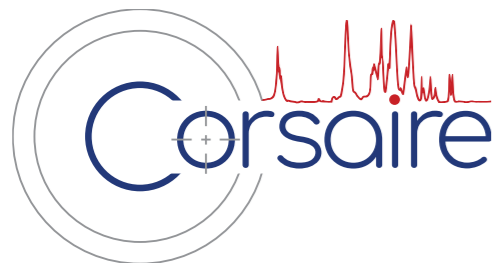


Crédits photographiques : Station Biologique de Roscoff, Wilfried Thomas



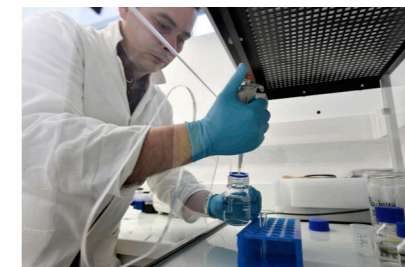
Corsaire

Metabolomics platform of the West of France



Services

Corsaire holds cutting-edge technologies and various skills and can offer to perform your analysis...



The scientific skills and technologies of Corsaire

The Corsaire platform is specialized in metabolomics, fluxomics, structural and functional analysis, which can be applied to marine environmental, agronomy or health research.

— Our approaches —

- Metabolic profiling** targeted (fatty acids, amino acids, sugars, COVs, phyto-hormones, sterols, edocrine disruptors...) and untargeted (metabolomics and lipidomics)
- Structural elucidation** of metabolites, toxins, markers of exposure or effect
- Isotopic analysis** fluxomics

— Our scope of applications —



Marine environment
Sea water, fishes, shellfishes, algae, microorganisms, growing medium



Agronomy
Seeds, leaves, roots, buds, tubers of plants or vegetal extracts



Health
Animal and human biofluids, tissues, feces, cell lysates

— Our analytical methods —

- Mass spectrometry** LC, GC, SFC ; EI, CI, ESI, APCI ; MS, MS/MS, MSⁿ, HRMS and MS/HRMS
- Nuclear Magnetic Resonance** 1D (¹H, ¹³C, ¹⁵N), 2D (¹H-¹H, ¹H-¹³C, ¹H-¹⁵N), fast quantitative 2D
- Chemometrics** univariate and multivariate statistical analysis for biomarkers identification

... to access the instruments...



... to provide training on their use...



... whether you are from academia or industry.

