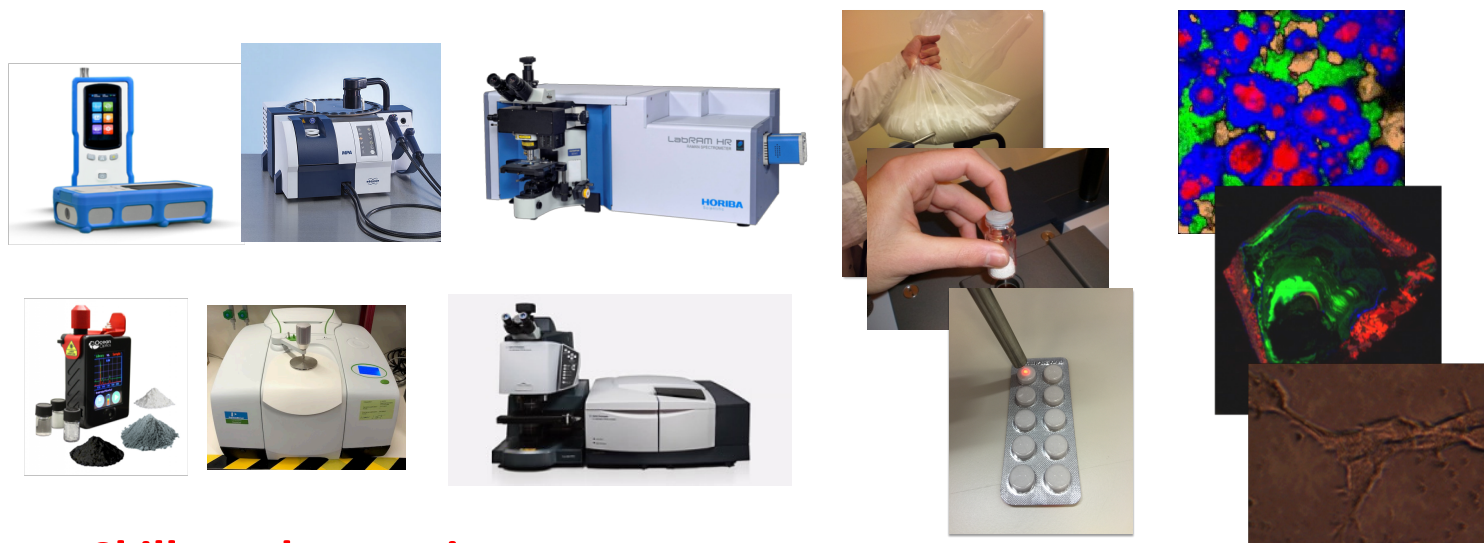


VIBRA-SANTÉ HUB

The platform

Main role is to provide to scientific and industrial community **analytical expertise** on **vibrational spectroscopy** and hyperspectral **imaging** in the emerging field of PAT and bioanalysis.



Skills and expertises

- Acquisition of **NIR, IR, Raman** and **SERS** spectra
- Development of **PAT methods** based on vibrational spectroscopy and Raman and FT-IR **imaging** in the pharmaceutical and biotech fields
- Development of surface-enhanced Raman scattering **nanosensors**
- **Multivariate data analysis** of spectral and hyperspectral data

The Quality Assurance system

- Handheld Raman and NIR devices, FT-NIR and FT-IR spectrophotometers, confocal Raman microscope and FT-IR microscope are part of a **GMP environment**.

Responsibles and Contacts

C. De Bleye (Technical manager), P.-Y. Sacré (Scientific manager), J. Widart (Quality Assurance manager), E. Ziemons (Director) – email: eziemons@uliege.be