

historam

Raman Imaging for Histopathology

Historam allows the quantification of biochemical metabolites on fresh unstained surgical biopsies, providing a reliable and rapid analysis to complete the diagnostic report of the pathologist.

- ✓ *High performance analysis at a low-cost, compact and user-friendly tool*
- ✓ *Marker free and rapid data collection to localize the cancer region*
- ✓ *Map of biochemical spectral signatures involved in the oncogenesis*
- ✓ *Rapid quantitative complement tool to the gold standard histopathology*

KEY ADD VALUE

- Use the spectral fingerprint for accurate and rapid diagnosis of cancer
- Precise cancer margins localization during intra-operative surgery
- Decision-making support for the prediction of recurrence-free survival

Contact:

Samy Strola, PhD in Physics

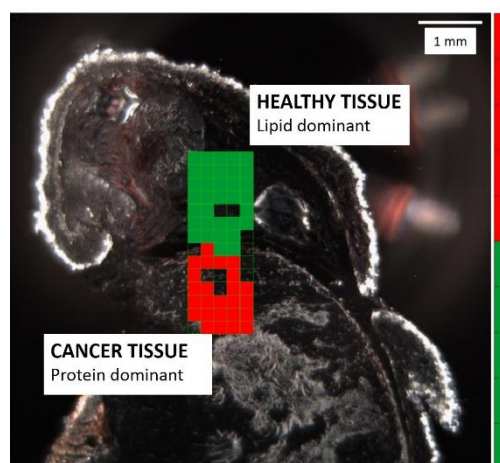
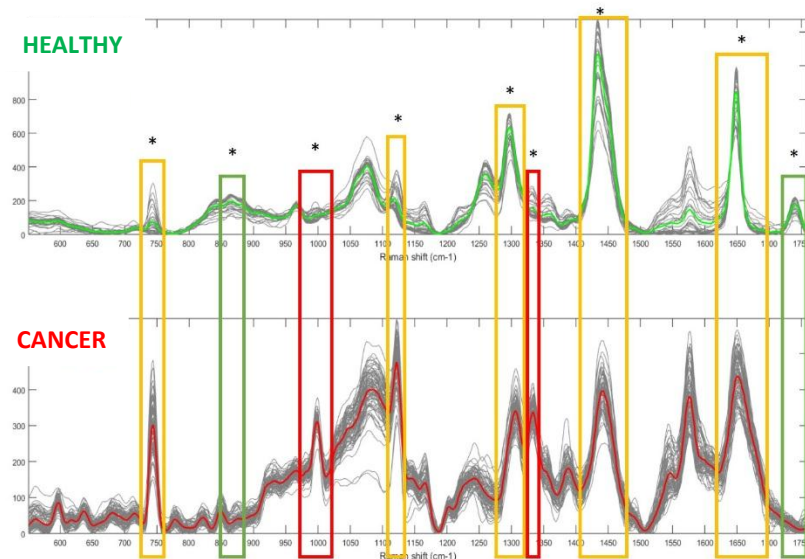
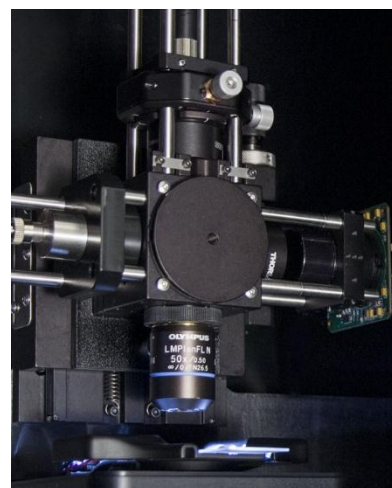
E-mail: contact@historam.com

Mobile: +33(0)699856256

A MULTIMODAL PLATFORM *to support pathologists and surgeons in their daily practice, for patient benefit*

How does it work?

- Real-time visualization of the sample via a double imaging system: one for the view of the whole sample, the other one for the detailed observation of selected regions.
- Parallel acquisition of Raman spectra on the region of interest via the collection of the scattered light.
- Raman spectra are converted in false colors tile image that represents the evolution of biochemical signatures helping in the cancer localization and disease diagnostic.



A POWERFUL SOLUTION SUPPORTED BY REGIONAL KEY PLAYERS

AWARDS

Prizewinner of Challenge First Step 2013, contest of CEA-LETI to promote new ideas and to accelerate the scientific and technological transfer and start-up creation.

PROJECT FUNDING AND COMMUNICATIONS

- Support of CLARA Cancéropôle Rhône-Alpes, OncoStarter 2014 program;
- Innovation voucher 2015 from Health2Care Consortium;
- TechnoSanté RATS 2015, Grenoble;
- CEA-LETI Days 2015, Start-up Session, Grenoble;
- CLARA Forum Recherche Cancérologie, 2015, Lyon;
- Biovision Catalyzer 10th edition, 2015, Lyon;
- CLARA RIA 7th edition, 2014, Lyon.