

Gene Capture

About us

We have a strong expertise in genomics, metagenomics, metatranscriptomics, environmental microbiology and bioinformatics. We have developed software for the design of probes representative of the sequence diversity of gene families (Militon et al., 2007; Terrat et al., 2010; Dugat-Bony et al., 2011; Parisot et al., 2012). We have also developed an innovative technique of sequence hybrid selection capture in the field of environmental genomics (Gasc et al., 2018, 2017, 2016; Ranchou-Peyruse et al. 2017; Bragalini et al., 2014; Denonfoux et al., 2013). This approach can be used on all types of organisms (bacteria, archaea, eukaryotes whether isolated or in mixtures).

Fragm



Our services

- Design of capture probes,
- Gene capture by hybridization,
- Sequencing data treatments by bioinformatics tools.

Technologies

- Gene capture by hybridization,
- Large DNA fragment preparation,
- Sequencing data treatments by bioinformatics tools.

ENE CAPTURE

ogy & Health Technologies

Contacts

Scientific leader

[Pierre peyret](mailto:Pierre%2EPEYRET%40uca%2Efr?Subject=&body=)

Tel.: +33(0)4 73 17 83 08

Address

MEDIS

Bâtiment CBRV

Facultés de Médecine et Pharmacie

28, place Henri DUNANT

63001 Clermont-Ferrand, France

Partner laboratory

UMR 454 Medis



INRA

SCIENCE & IMPACT

[:dis/\)](#)

[\]-health-technologies/gene-capture\(](#)

[\]-health-technologies/gene-capture\)](#)