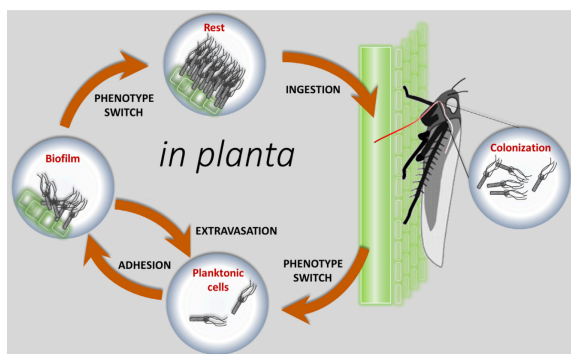


Application for a permanent CNRS Researcher

UMR5240: Microbiologie, Adaptation, Pathogénie

ATIP process, plant-bacterial-insect interactions

<http://map.univ-lyon1.fr>



from Bucci, E.M. *Biochem. Biophys. Res. Commun.* **502**, 173-182 (2018).



Description

The MAP Unit seeks highly motivated candidates in the field of molecular phytopathology and phytobiome research (Plant - Bacteria - Insect).

Environment

The MAP unit provides a stimulating environment for conducting research on the adaptation processes of microorganisms by integrating different organisational levels: molecules, cells, populations, during interactions with a host or with environments. The candidate will have access to the tools and expertise available in the MAP unit as well as local technical platforms (microscopy, greenhouses, DNA/RNA sequencing, computing servers).

Applicant

Two types of candidates are sought: a biologist with very good knowledge in genetics and/or bacterial functional genomics (multi- disciplinary approaches combining different "omics" strategies); an interaction biologist / phytopathologist with extended background in molecular and evolutionary genomics of bacterial pathogenesis (ATIP Microbiology / LS06 & CNRS Sections 21 and 23).

Field keywords of application

- ▶ Molecular genetics, cell biology or physiology of micro-organisms and their non mammalian hosts.
- ▶ Functional genomics
- ▶ Evolutionary genomics of host-microbe interactions.
- ▶ Genomic and other -omics analysis of host-bacterial interactions.

When: deadline 2020:
18 Nov 2019 and 7 Jan 2020

Where: apply @ www.cnrs.fr

CNRS section: 21 (Genomes) or 23 (Plant Biology)
optionally ATIP Scheme

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