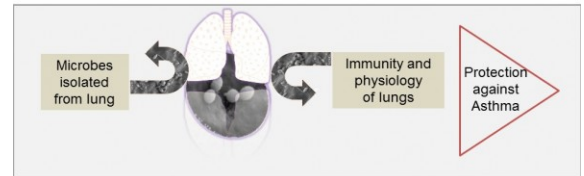


# Pulmonary bacteria protective of asthma with a health potential for respiratory diseases

## Description

A lung microbiota was identified and described in asthma or chronic obstructive pulmonary disease patients and in healthy individuals. An immunomodulatory bacteria from the Enterococcus species with protective properties against asthma was isolated from baby mice. Other strains were isolated and are good probiotic candidates for other respiratory diseases.



## Type of expected transfer

Licence or licensing option with R&D programme.

## Advantages

Primary colonizing strain isolated from a healthy lung, easy to cultivate, protects from asthma even when inert.

## Possible applications

Prevention of allergic asthma, Other respiratory diseases.

## Key words

Respiratory diseases, asthma, lung, bacteria protecting from asthma

## TRL Scale

1 2 3 **4** 5 6 7 8 9

## Development level

Development of tests to screen positive health effects of lung bacteria and panel of lung bacteria which have a health benefit for respiratory diseases.

### Laboratories:

INRA at Jouy-en-Josas, UMR1319 Micalis

### Researchers:

Muriel Thomas INRA at Jouy-en-Josas, UMR1319 Micalis

### Contact:

Héloïse Simonson, Technology Transfer Officer  
Email: [heloise.simonson@inra.fr](mailto:heloise.simonson@inra.fr) +33 (0)1 42 75 92 51