

# Invitation to FibeBiotics Industrial Platform

Short introduction to the EU project focusing on fibers as support of the gut and immune function of elderly.

## Introduction

Since 1 January 2012, 17 European partners from research and industry (SMEs) have joined forces in the new EU-funded Collaborative project 'FibeBiotics' which is designed to study the health effects of non-digestible polysaccharides (NPS) with >10 sugar moieties. The main goal of the project is to develop science-based tools for the development of food ingredients and products that are beneficial for human gut and immune health and thus lead to substantiated food-associated health claims.

## General objectives

Earlier research already indicated that NPS are one of the most promising dietary compounds to modulate gut and immune function. However, no systematic tools and research strategies are available yet to differentiate between the different NPS, nor has health claim submission for any of these compounds been successful.

To achieve this goal, the project consortium will:

- perform biochemical analysis to study compounds, effect of processing on bioavailability, to develop products with maintained bioactivity (WP2),
- develop standardised *in vitro* screening methods both for direct immune effects and those taking place indirectly via the microbiota (WP3),
- use and optimise dedicated *in vivo* and *ex vivo* analyses to study mechanisms of action (WP4),
- use and validate this knowledge in pilot and pivotal intervention studies based on elderly subjects, having a main focus on innate and adaptive immune responses as a health parameter (WP5),
- integrate the tools, methods and all results in data warehouses and analyse results by correlative mathematical tools (WP6),
- study the interest of the industry and consumers regarding these ingredients and products and develop educational methods to inform the public (WP7),
- efficiently disseminate and exploit the developed expertise, research tools and products (WP8).

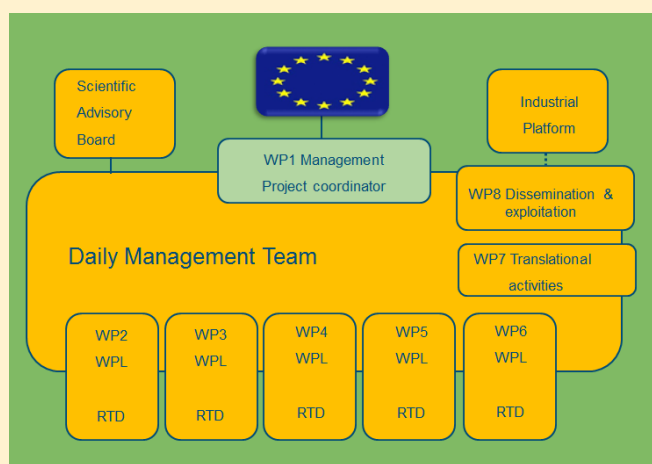
## Industrial Platform

In order to share the project results with interested stakeholders and to broaden expertise and impact, FibeBiotics has established an Industrial Platform (InP) to serve as a basis to exchange knowledge within the area of fibers/polysaccharides/prebiotics and health effects towards the gut and immune system. The InP members will be the first to benefit from the non-confidential project results and activities without being an official project partner; InP members have no contractual commitments towards the FibeBiotics consortium or European Commission.

## What are the benefits for Industrial Platform members

InP members:

- regularly receive project information via newsletters,
- have access to a special InP login section at the FibeBiotics website which contains up-to-date information on FibeBiotics non-confidential project activities,
- will be invited to the Industrial Platform meetings at which results and strategies will be presented (number of participants will be limited) and where networking opportunities will be given to interact with the whole production column from raw material to end-users and supporting research,
- will be invited to workshops at which new technologies or strategies will be demonstrated.



A schematic overview of the structure of the consortium

## Who can become a member of the InP

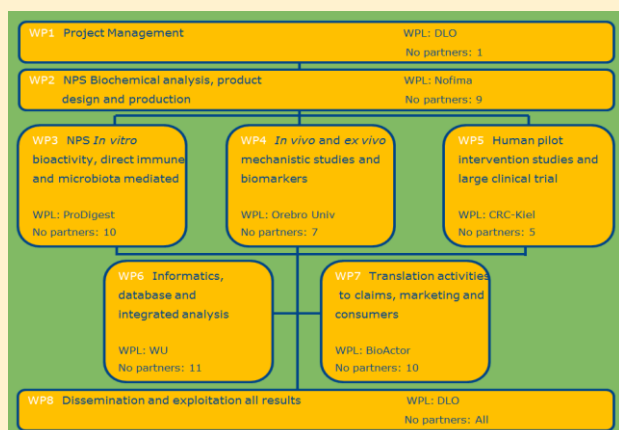
The FibeBiotics InP is open to enterprises from the food, feed and beverage industry and related sectors. This can range from breeders, growers and producers of polysaccharide compounds, industry involved in processing and the industry that applies or is interested in applying polysaccharides in their products to potentially increase health impact of the product. In particular, companies that would like to use the built-up knowledge from the consortium to have other polysaccharides studied or have products designed using strategies developed within FibeBiotics are invited to join the Industrial Platform.

## What will be asked in return

The InP members will be asked to actively participate in the InP meetings and to give feedback on FibeBiotics activities. In particular, knowledge concerning not published results, that are important for an efficient research within FibeBiotics would be appreciated. The InP is continuously open to new members. The membership is free of charge, costs for attending InP meetings and workshops will be covered by the Industrial Platform members themselves.

## How to become a FibeBiotics InP member

Interested stakeholders can download the [InP company sheet](#) and the [InP Support Letter](#) from the FibeBiotics website [www.FibeBiotics.eu](http://www.FibeBiotics.eu). Both completed files should be sent to the project co-ordinator in order to apply for the InP membership. Your application will be evaluated by the FibeBiotics Daily Management Team within 3 weeks. After approval, you will receive your log-in details to be able to access the InP login section at the FibeBiotics website and you will be included in the Newsletter distribution list, if requested.



A schematic overview of the WPs and WP leaders

## FibeBiotics event

You are invited to the **FINAL FIBEBIOTICS – INDUSTRIAL PLATFORM MEETING** which will be held in the **Netherlands from 31<sup>st</sup> May – 1<sup>st</sup> June 2016**. More information can be requested at [Jurriaan.mes@wur.nl](mailto:Jurriaan.mes@wur.nl)

## Additional project information

Full project title: Dietary Fibers supporting Gut and Immune Function

Sub-title: From polysaccharide compound to health claim  
FP7 call: THEME [KBBE.2011.2.2-01]

Project duration: 1 January 2012 - 30 June 2016

EC contribution: 6M€

Co-ordination: Wageningen UR Food & Biobased Research, P.O. Box 17, 6700 AA Wageningen, NL

Project website: [www.fibebiotics.eu](http://www.fibebiotics.eu)

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Project co-ordinator: Dr Jurriaan Mes, [jurriaan.mes@wur.nl](mailto:jurriaan.mes@wur.nl)

InP contact point: Andrea Selejova, [andrea.selejova@wur.nl](mailto:andrea.selejova@wur.nl)



FibeBiotics team

## FibeBiotics project partners

- 1-Wageningen UR Food & Biobased Research, NL
- 2-Teagasc, Ireland
- 3-Nofima AS, Norway
- 4-INRA, France
- 5-Institut Pasteur, France
- 6-Clinical Research Centre Kiel, Germany
- 7-BioActor, Netherlands
- 8-Swedish Oat Fiber, Sweden
- 9-Genetic Analysis, Norway
- 10-Immitec, Norway
- 11-ProDigest, Belgium
- 12-R-Consultancy, Netherlands
- 13-Winclove, Netherlands
- 14-Örebro University, Sweden
- 15-University Aberdeen, United Kingdom
- 16-Wageningen University, Netherlands
- 17-University Bologna, Italy

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