



nutrishield

Welcome to the first
NUTRISHIELD e-Bulletin!

Issue 1 / December 2019

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Key Facts

Grant Agreement:
No 818110
Call:
H2020-SFS-2018-1
Start date:
01 November 2018
Duration:
48 months
Coordinator:
Alpes Lasers SA



Project Overview

NUTRISHIELD is an innovative solution, providing personalised nutrition advice and support that will assist people in achieving their optimal health and well-being and adopting long-term healthy and sustainable diets.

NUTRISHIELD aims to integrate laboratory techniques, methodologies, ICT devices & applications, algorithms and other components into one platform and validate it in clinical conditions.



The Challenge

To create a platform that

- promotes safe food for the population,
- enables consumers to make informed choices and
- ensures that the proposed choices will have good chance of being adopted

Assist consumers understand:

- why each food is being suggested,
- what implications each choice may have



Expected Impact

- Empowered consumers able to make healthy and sustainable dietary choices
- Personalised diets upon scientific-based dietary assessment and advice
- Increased consumer trust in personalised nutrition advice and/or support
- Prevention of diet-related and non-communicable diseases
- Quality-Of-Life, Health And Safety of the citizens

 **Our Team**

The **NUTRISHIELD** Team at its 3rd plenary meeting held on 26-27 September 2019 at the Medical Research Institute La Fe (IIS La Fe) in Valencia, Spain. The partners discussed the platform implementation details needed for supporting the trials in an efficient and user-friendly way.

The **NUTRISHIELD** consortium comprises of a wide range of industrial actors as well as research organizations with the required skills, knowledge and experience that are committed and highly motivated to ensure maximum impact is achieved.



Latest Events



November 5-8, 2019
9th International Symposium on Recent Advances in Food Analysis – RAFA 2019, Prague, Czech Republic

The **NUTRISHIELD** team has travelled to Prague to attend the 9th International Symposium on Recent Advances in Food Analysis (RAFA 2019). We fully enjoyed the atmosphere and the sessions, and we had the chance to meet and talk with food scientists from academia and industry as well as with other stakeholders who expressed their interest in our project.



October 10-11, 2019
7th World Congress on Targeting Microbiota 2019,
Krakow, Poland

During 2019 7th World Congress of Targeting Microbiota in Krakow, **NUTRISHIELD** project was presented by our colleagues from REM Analytics. During the meeting, we discussed how nutrition could modulate the microbiome composition, improve health and prevent diseases. The effect of the personalised nutritional approach on gut microbiome composition and clinical outcome was underlined. However, to provide health solutions based on microbiome, accurate analyses are necessary. REM Analytics will provide the comprehensive and quantitative microbiome profile for NUTRISHIELD project.

NUTRISHIELD was represented by REM Analytics team: on the left, Anna Surowska, PhD, Nutritionist and Head of Business Development and Mariya Skvortsova, PhD, Senior Scientist and Head of Operations.



September 26, 2019
1st NUTRISHIELD Workshop – Hospital La Fe,
Valencia, Spain

The 1st **NUTRISHIELD** workshop, co-located with the 3rd NUTRISHIELD project meeting, took place on 26th September 2019 at the Health Research Institute La Fe, Hospital La Fe, Valencia, Spain. The workshop which was followed by 40 participants on site and an additional 40 remote/online participants evolved around the importance of optimized nutrition for infants and lactating mothers.

Two invited speakers provided the latest findings in advances in neonatal nutrition (Dr Miguel Saenz de Pipaon) and the importance of breast feeding towards ensuring optimum infant nutrition (Dr Salome Laredo Ortiz).

This was followed by presentations from NUTRISHIELD partners which presented the overall project vision towards personalised nutrition and the technical means under development in order to foster the wide adoption of fact-based personalised nutrition in a non-intrusive, intuitive and user-friendly way.



June 23-27, 2019

15th Annual Conference of the Metabolomics Society-The Hague, Netherlands

The NUTRISHIELD team visited the 15th Annual Conference of the Metabolomics Society in The Hague, Netherlands and presented a poster with the findings of the project regarding the food intake and microbiome-related biomarkers in lactating mothers and term and preterm infants.

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Upcoming Events

- World Congress on Nutrition and Food Technology, 24-25 February, 2020, Amsterdam, Netherlands
- 4th Global summit on Food science and Nutrition, 11-12 March, 2020, Zurich, Switzerland
- 2nd World Congress on Child Nutrition and Health, 29-30 April, 2020, Prague, Czech Republic
- Vitafoods Europe, 12-14 May 2020, Geneva, Switzerland
- 2nd International Conference on Food and Nutrition, 18-19 June, 2020, Berlin, Germany
- Nutrition 2020, 18-20 June, 2020, Rome, Italy



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