



UNLEASHING THE POTENTIAL OF HUMAN MICROBIOMES RESEARCH: **A FACTSHEET FOR INDUSTRY STAKEHOLDERS**

Welcome to the world of human microbiomes – a field that is maturing and showing great promise for various sectors. As research in this area progresses, it is essential for industries to consider the potential source of innovation and impact on their products and services. In this factsheet, we will explore why the **Human Microbiome Action** project is a unique opportunity for industry stakeholders to stay ahead of the curve and tap into the knowledge and opportunities of human microbiomes that will add value to existing solutions and new innovations.



WHY SHOULD INDUSTRIES INVEST IN HUMAN MICROBIOMES?



HUMAN MICROBIOME ACTION

Human microbiomes affect health holistically and with current and upcoming data, science gets more and more robust. Understanding the impact of products on human microbiomes can improve **safety** and **mechanistic proof** of food or drug benefits. By being at the forefront of microbiome innovations, industries can enhance their **competitiveness** and expand their **market opportunities**.

HOW THE HUMAN MICROBIOME ACTION PROJECT SUPPORTS INDUSTRY STAKEHOLDERS



FOSTER RESPONSIBLE MICROBIOME RESEARCH AND EXPECTATION MANAGEMENT:

Consumers and patients have increasing expectations regarding microbiome-related products and services, but also require “trusted advice” that is independent and impartial.



ACCELERATE HEALTH PRODUCT AND SERVICE DEVELOPMENT:

Gain insights into how human microbiomes influence health and allow the development of personalised solutions with greater efficacy and longevity.



ANTICIPATE REGULATORY DEVELOPMENTS:

Stay ahead of regulatory developments by engaging with relevant stakeholders and being at the forefront of the standardisation processes in the field of human microbiomes.



PROMOTE THE USE OF ALTERNATIVE MODELS:

Identify areas where there is a need to develop new approaches to reduce and replace our reliance on animal models, aligning with the growing demand for ethical and sustainable research practices.



REVISIT OLD STUDIES:

By re-examining specimens from concluded studies, we unlock untapped potential for new discoveries and insights. This approach not only maximised the value of previous research but also paves the way for groundbreaking advancements in various scientific fields.

WHAT THE HUMAN MICROBIOME ACTION PROJECT OFFERS TO INDUSTRY STAKEHOLDERS

EXPERT COLLABORATION:

Human Microbiome Action brings together high-level international key science leaders, fostering a multidisciplinary approach to address challenges in the field.

CONSENSUS AND HARMONISATION:

The project provides consensus and recommendations, preparing the basis for guidelines to promote a unified approach in the field.

SUPPORT FOR INDUSTRY:

The initiated European Microbiome Centres Consortium (EMCC) serves as a resource for industry stakeholders seeking guidance on best practices and evidence-based approaches.

The **Human Microbiome Action** project offers industry stakeholders a golden opportunity to embrace the potential of human microbiome research. By investing in this evolving field, industries can enhance health product benefits, stay ahead of regulatory developments, and be at the forefront of innovative and consumer-driven solutions. Together, let's unlock the power of human microbiomes and create a healthier and more sustainable future for all.

For further information, please visit our website (humanmicrobiomeaction.eu), and follow the @SciFoodHealth [Twitter](#) and [LinkedIn](#) accounts. Visit our zenodo.org community for all published and upcoming scientific publications or join the Stakeholder's Advisory Board and provide strategic advice from an external point of view.

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