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THE MICROBIOME THROUGHOUT LIFE

Translating new science into clinical practice

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JINGYUAN FU

Dr. Jingyuan Fu is a full professor of systems medicine in the University Medical Centre Groningen, the Netherlands, an elected member of The Royal Holland Society of Sciences and Humanities (KHMW), and an elected member of The Royal Netherlands Academy of Arts and Sciences (KNAW). She obtained a BSc in Biochemistry, a MSc in Biotechnology and Bioinformatics (cum laude), and a PhD in systems genetics (cum laude). Via this route she developed her research line on systems genetics in complex traits and became an expert in integrative genomics and systems biology.

Her research aims to acquire a greater knowledge of how the human genome, and the gut microbiome interact with each other and affect human health, in order to create better methods for disease prediction, prevention, and treatment. To accomplish this, her study combines with large-scale genetic and microbial association studies in big groups of individuals with functional studies using advanced bacterial culturing and organ-on-a-chip technologies. She holds numerous prestigious personal grants (NWO-VENI VIDI VICI, and ERC-CoG) and several (inter)national consortia grants. She is a laureate of AMMODO Science Award in 2023. Since 2020, she has been recognized as an Clarivate's "Highly Cited Researcher" and Stanford University's "World's Top 2% Scientists".

