



International Conference

THE MICROBIOME THROUGHOUT LIFE

Translating new science into clinical practice

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Dr. Selvasankar Murugesan is a molecular biologist and Staff Scientist at Sidra Medicine, Doha, Qatar, specializing in the human microbiome and precision medicine. His research focuses on identifying microbiome-based biomarkers for chronic conditions such as obesity, diabetes, and cardiovascular diseases. He has led pioneering studies on the salivary microbiome of Qatari populations, uncovering its associations with lifestyle, oral health, and cardiometabolic risk. His work emphasizes translating metagenomics and bioinformatics insights into clinically relevant, non-invasive diagnostic tools.

He has received numerous prestigious awards and is the recipient of multiple competitive research grants, including two Qatar National Research Fund awards, where he serves as Lead Principal Investigator and Principal Investigator on projects focused on salivary and gut microbiome-based diagnostics and therapeutics.

