

PROBIOTICS RESOURCE CENTER

Theater Schedule

Speakers Bio & Abstract

DAY 2

Thursday November 3, 2022

1:50–2:30

*Dhaval Patel, Ph.D.
Director of Research and Innovation*



Bio

Dhaval obtained his Ph.D. and BSc from University College London. In addition, he has held research positions at the University of Washington, King's College London, and the Georgia Institute of Technology. Dhaval has over 20 years of experience using *C. elegans* to study aging biology using various tools such as fluorescent molecular reporters, microfluidics, and genome-wide RNAi screens. Dhaval leads the team that designs our research projects for clients in industry and academia. His team is also responsible for developing new assays and services for our clients.

Company

NemaLife is a techbio platform company developing AI and microfluidics-based solutions for various industries to reduce the costs and carbon footprint associated with screening. Its patented low-cost whole organism assays help de-risk and accelerate product development by providing actionable data that reduce the use of mammals in pre-clinical assays. NemaLife's technology is built with scalability and versatility in mind, helping innovative companies and academic laboratories accelerate their R&D and scientific discoveries, with the aim of improving quality of human life on a healthy planet.



***NemaLife – Your Partner for Accelerating Novel Probiotic
and Postbiotic Strain Discovery***

Abstract

Probiotic and Postbiotic Strain Discovery :

- NemaLife has developed a new platform for high-throughput whole organism evaluation of functional benefits such as anti-obesity, gut health, stress resistance, healthy aging, cognitive health and muscle health
- We use a combination of proprietary microfluidic technologies, automated imaging systems, and AI to dramatically speed up testing and data acquisition
- Our technology dramatically reduces product development timelines and costs, allowing our partners to get to market faster