

SPECIAL SEMINAR

ENDOGENOUS BIOELECTRIC NETWORKS AS PATTERN MEMORIES: FROM THE SCALING OF COGNITION TO ELECTROCEUTICALS FOR REGENERATIVE MEDICINE



DR. MICHAEL LEVIN

Michael Levin is a Distinguished Professor and Vannevar Bush Chair at the department of Biology at Tufts University. He is director of the Allen Discovery Center at Tufts and associate faculty at the Wyss Institute at Harvard. Following dual bachelor's degrees, in computer science and biology, he received a PhD in genetics from Harvard Medical School. He started his independent lab at Forsyth Institute, Harvard in 2000, and moved his group to Tufts in 2009. His lab uses a combination of developmental biophysics, computer science, and cognitive science to understand how proto-cognitive systems evolve, and to develop applications in birth defects, regenerative medicine, cancer suppression, and artificial intelligence.

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