Manolis Kellis
Professor, MIT Computer Science and Artificial Intelligence Lab
Institute Member, Broad Institute of MIT and Harvard

Manolis Kellis is a professor of computer science at MIT, an Institute Member of the Broad Institute of MIT and Harvard, a member of MIT’s CSAIL, and head of the MIT Computational Biology Group. His research spans disease genetics, epigenomics, gene circuitry, non-coding RNAs, comparative genomics, and phylogenomics. Kellis has helped direct several large-scale genomics projects, including the Roadmap Epigenomics project, the ENCODE project, the Roadmap Epigenomics Project, the Genotype Tissue-Expression (GTEx) project, and comparative genomics projects in mammals, flies, and yeast. He has received multiple prestigious career and industry awards, including the US Presidential Early Career Award in Science and Engineering (PECASE) by US President Barack Obama. He has authored over 190 journal publications, which have been cited more than 70,000 times. Kellis studied and conducted research at MIT, the Xerox Palo Alto Research Center, and the Cold Spring Harbor Lab.

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Ernest Fraenkel
Professor, Biological Engineering
Associate Member, Broad Institute

Ernest Fraenkel is a professor of biological engineering at MIT. His laboratory seeks to understand diseases from the perspective of systems biology. They develop computational and experimental approaches for finding new therapeutic strategies by analyzing molecular networks and clinical and behavioral data. Fraenkel received his PhD in biology from MIT after graduating summa cum laude from Harvard College with an AB in chemistry and physics.

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Juan Caicedo
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Dipen Sangurdekar
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