

Professor Shai Shen-Orr is the Co-founder and Chief Scientist of CytoReason, a technology company developing computational disease models. He serves as Associate Professor in the Faculty of Medicine at the Technion—where he directs the laboratory of Systems Immunology and Precision Medicine.

In his research, Prof. Shen-Orr develops new analytical methodologies for grappling with the intricate complexities of the immune system, especially as they occur in advanced age, and for defining biomarkers to evaluate immune health.

His work has been featured and cited in numerous top-tier journals and systems biology textbooks, and has laid the foundation for CytoReason's disease models. To date, five of the world's top ten pharma companies use CytoReason's technology to speed up drug discovery and dramatically cut the cost of developing new medicines.