

VIRTUAL HUMAN DEVELOPMENT



Mo R. Ebrahimkhani

Mo is an Associate Professor of Pathology and Bioengineering in the Division of Experimental Pathology at the University of Pittsburgh and McGowan Institute for Regenerative Medicine. He performed postdoctoral training at the Department of Biological Engineering at the Massachusetts Institute of Technology (MIT) to develop next-generation multicellular systems. His team combines synthetic biology, genetic engineering, machine learning algorithms, and stem cell-derived multicellular systems to read and write human organogenesis and build novel technologies to program these processes. His team has developed novel platforms such as models of human post-implantation embryogenesis, early hematopoiesis, and genetically encoded human tissues (i.e., liver). Dr. Ebrahimkhani is the recipient of several research awards, including the European Association for Study of Liver Sheila Sherlock fellowship, the NSF RECODE award, NIH RO1s, the Mayo Clinic Accelerated Regenerative Medicine Award, the New Investigator Award from Arizona Biomedical Research Council, and the Charles E. Kaufman Foundation New Initiative award.

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