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Dr. Tsirigos is an Associate Professor of Pathology, Director of the Applied Bioinformatics Laboratories and Head of Clinical Informatics at the NYU School of Medicine. He received his Ph.D. in Computer Science from Courant Institute of New York University in January 2006, and his B.S. from the National Technical University of Athens, Greece in 1998. Dr. Tsirigos has more than 18 years of experience in genomics and machine learning at NYU and IBM Research. He leads a team of 15+ computational biologists and data scientists and his research focus is primarily in cancer epigenetics, chromatin organization and AI-based diagnostics for cancer, cardiovascular and other diseases. Dr. Tsirigos has co-authored 70+ studies in peer-reviewed journals, including high-impact studies on cancer epigenetics (Nature Medicine 2012, Nature 2014), chromatin organization (Cell 2014, Nature Communications 2018), high-throughput single-cell transcriptomic analyses (Nature 2019) and precision diagnostics using deep learning (Nature Medicine 2018).