Mile Šikić is the group leader at the Genome Institute of Singapore and a Professor of computer science at the University of Zagreb, Croatia. Throughout his scientific career, he has specialized in developing algorithms and AI methods for genomics. His laboratory has created several cutting-edge tools and models, including the HERRO error correction tool, the RiNALMo large RNA language model, the Racon consensus tool, the Raven de novo assembler, and the Edlib sequence aligner. Recently, the focus of his lab has shifted towards integrating AI into the de novo assembly process and innovating AI models to make RNA druggable.

In the initial decade of his career, Dr Šikić was engaged in various industry projects related to computer and mobile networks. He is an accomplished entrepreneur, having founded several ventures, including a hedge fund.