Biographical Note

Pushmeet Kohli is Vice President, AI for Science at Google DeepMind & Google Cloud's Chief Scientist. He founded and leads the AI for Science and Strategic Initiatives Unit, which uses AI for breakthroughs in biology, materials, fusion, math, software, and cybersecurity. His team developed AlphaEvolve for accelerating AI research and SynthID for safe AI deployment. Key achievements include the Nobel Prize-winning AlphaFold model for protein structure prediction, one of the most cited AI biology papers (40,000+ citations). AlphaFold was the basis for the DeepMind spin-off, Isomorphic Labs. Kohli's team also pioneered large language model-based AI agents like AlphaEvolve and AI Co-Scientist, leading to discoveries in math and biology. Recently, Kohli's team released AlphaGenome Atlas, which characterises every single-letter DNA variant possible in the human genome.