

# 20 Years of The Structural Genomics Consortium; Past Achievements and Future Directions of An Open Science Public- Private Partnership

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The Structural Genomics Consortium (SGC) is a global public-private partnership celebrating its 20th anniversary in 2023. The SGC mission has been to uncover novel human biology through structural genomics approaches and has contributed over 4000+ depositions to the PDB, including 15% of all human protein structures solved to date. To interrogate protein function, the SGC also develops chemical probe molecules which are structurally validated, selective, potent and cell active compounds. In its next phase, SGC and partners are expanding on this work by embarking on Target 2035, an ambitious project which aims to develop a pharmacological modulator for every protein in the human proteome by 2035. These tools can then be used to modulate and understand protein function and reveal novel therapeutic targets for tomorrow's medicines. In this talk, I will cover past achievements of the SGC and future directions as the organisation prepares to embark on this new mission.