Claudia Ghigna

Dr. Ghigna is a molecular biologist whose work has significantly advanced the understanding of how alternative splicing (AS) contributes to cancer development and progression. Her research has revealed how tumor-associated alterations in AS regulators reshape splicing programs, driving metastasis and resistance to therapy. Her laboratory has also uncovered key mechanisms linking AS control with broader cellular processes, including signal transduction. Building on these insights, Dr. Ghigna has explored cancer-specific splice variants as targets for innovative anti-metastatic strategies. She is currently focused on the role of AS in tumor angiogenesis, aiming to identify critical signaling pathways that govern vascular development in both health and disease.

She is a researcher at the Institute of Molecular Genetics “Luigi Luca Cavalli-Sforza,” Department of Biomedical Sciences, National Research Council (CNR), in Pavia, Italy. Dr. Ghigna earned both her bachelor’s degree (1995) and Doctorate (2000) from the University of Pavia.