

Sirio Dupont studied Biology at the University of Padova, where he also obtained his Ph.D. investigating the role and regulation of the TGF-beta and BMP signaling pathways during early embryonic germ layer induction and patterning in *Xenopus* and mice. As an assistant professor, he led the discovery of the YAP/TAZ transcriptional coactivators as universal transducers of extracellular mechanical cues, including ECM stiffness, cell geometry and contact inhibition. He is now an associate professor and group leader of the Mechanobiology Laboratory at the University of Padua, where he studies the cross-talk between the mechanical properties of the microenvironment, signaling pathways and metabolism, and their role in tissue homeostasis and disease.

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