José Duca, PhD
Global Head of Computer-Aided Drug Discovery
Novartis
NexGen Modeling, from Ideation to the Clinic

José is the Global Head of Computer-Aided Drug Discovery. He joined Novartis in 2010, after 10 years with the Schering-Plough Research Institute and Merck Research Laboratories in Kenilworth, NJ, USA.

With expertise in computational medicinal chemistry, molecular thinking, novel modes of action to drug the undruggable, José constantly pushes the frontiers of drug discovery and computational. His extensive drug discovery experience informs his innovative approaches to challenging projects. He has pioneered several novel modalities that later became widely adopted.

Driven by a vision of a fully integrated computational drug discovery team, he combines drug discovery knowledge with first principles and physics. Leveraging the rapid evolution of computational techniques, José has assembled an exceptional global team.

Beyond his professional pursuits, José is passionate about innovation, servant leadership, music, sports, and wine.

His mission is to revolutionize drug discovery seeking the fastest path to impact human medicine.