

Ali Shaib

Dr. Ali Shaib, a Group Leader at the Institute of Neurophysiology, University Medical Center Göttingen, spearheads research in the field of neurological diagnostics.

Dr. Sahib's journey began with a PhD from the University of Saarland, where he specialized in neuroscience. Following this, he joined the Max Planck Institute for Multidisciplinary Sciences for his first postdoctoral position, where he investigated human-derived iPSC disease models.

He then joined the University Medical Center Göttingen for his second postdoctoral position, where his research focused on the development of ONE microscopy, an ultra-resolution imaging technology. He eventually ascended to the position of a Group Leader.

Beyond ONE microscopy. His research group investigates the intricate world of liquid-liquid phase separation mechanisms and unravels their 3D structures of proteins at an Ångström-resolution. Leveraging state-of-the-art artificial intelligence and computer vision, they analyze complex data to advance the understanding of neurological diseases.