



Dr. Charles Jiao

E-Illuminating the Renaissance of Organic Synthesis

Electrosynthesis was once an ancient art, harnessing catalytic power with remarkable tunability. In 2017, IKA overcame instrumental limitations and, in collaboration with Prof. Phil Baran from the Scripps Research Institute, reinvented ElectraSyn 2.0 as a three-in-one device. This innovative tool integrates synthesis, analysis, and homogenization within a user-friendly interface. As a result, ElectraSyn has greatly improved experimental standardization and reproducibility, expanded opportunities for reactivity exploration, and significantly supported scientists in publishing their findings. After establishing a strong customer base in numerous countries, IKA is now bringing ElectraSyn to Portugal and looks forward to sharing exciting updates from our product line.