



Serge grew up in the northeast of France and did his undergrad at the Ecole Normale Supérieure in Lyon, France. He then received his Ph.D. in Chemistry from Columbia University. His doctoral research with Prof. Gerard Parkin focused on the synthesis and characterization of [metal complexes](#), both as tools for studying the role of zinc in [antibiotic resistance](#), as well as catalysts for [carbon dioxide sequestration](#) and functionalization. He then moved to Harvard for postdoctoral studies with Prof. Dan Nocera on photo[catalytic hydroamidation](#), which helped to build his expertise in photoredox catalysis, spectroscopy and kinetics.

Serge began his career at Merck in 2018 in the Analytical R&D organization, where he supported a variety of small and large molecule projects. He then moved to the Catalysis Group in Process chemistry in 2021, where he has developed various transition metal-catalyzed transformations. He has also worked on electrochemistry for large scale processes and demonstrated the first successful scale up of a bioelectrochemical process in pharma.