

Pathology Session Chair: Luca Quaroni

Luca Quaroni graduated in Chemistry from the University of Pavia, Italy, where he first developed his interests in bioinorganic chemistry and spectroscopy. He received his PhD from the University of Strathclyde, UK, with a thesis on the applications of surface enhanced resonance Raman spectroscopy to the study of protein biochemistry. Postdoctoral stays at Iowa State University and the University of Minnesota, USA, covered various disciplines and interests, ranging from the study of oxygen activation in biological systems to the development of nanoparticle-based immunoassays. These were followed by work on developing the research activity in biochemistry and biological microscopy on the infrared beamline at Elettra, Italy. Since 2007, he has been beamline scientist on the MidIR beamline at the Canadian Light Source. His current activity is aimed at developing applications of synchrotron light for the study of cellular physiology and biochemistry.