

Izabella Brand is a researcher at the Carl von Ossietzky University of Oldenburg. She studied chemistry at the University of Warsaw. She obtained her Ph.D. under the supervision of Professor Renata Bilewicz in 2001. In 2001-2003 she was a NATO fellowship and a postdoc in Jacek Lipkowski group. In 2004 she worked at the Institute of Physical Chemistry PAN in Warsaw in the Opallo group and in 2005 she joined the Wittstock group in Oldenburg. In 2014 she received habilitation in physical chemistry.

Electrochemistry of modified surfaces with biomimetic assemblies and their bioelectrochemical examinations are in focus of her research activities. She combines surface modification strategies with electrochemical, spectroscopic, and in situ spectroelectrochemical examination of potential-dependent changes in supramolecular assemblies on electrode surfaces. To reference potential-driven processes to the composition, structure, and packing of molecules adsorbed on the electrode surface, she combines electrochemistry with infrared reflection-absorption spectroscopy. She authored 74 peer-reviewed research articles with a h-index of 23 and over 1700 citations. She authored a tutorial book on the application of infrared spectroelectrochemistry which was published in Series: Monographs in Electrochemistry, edited by F. Scholz.