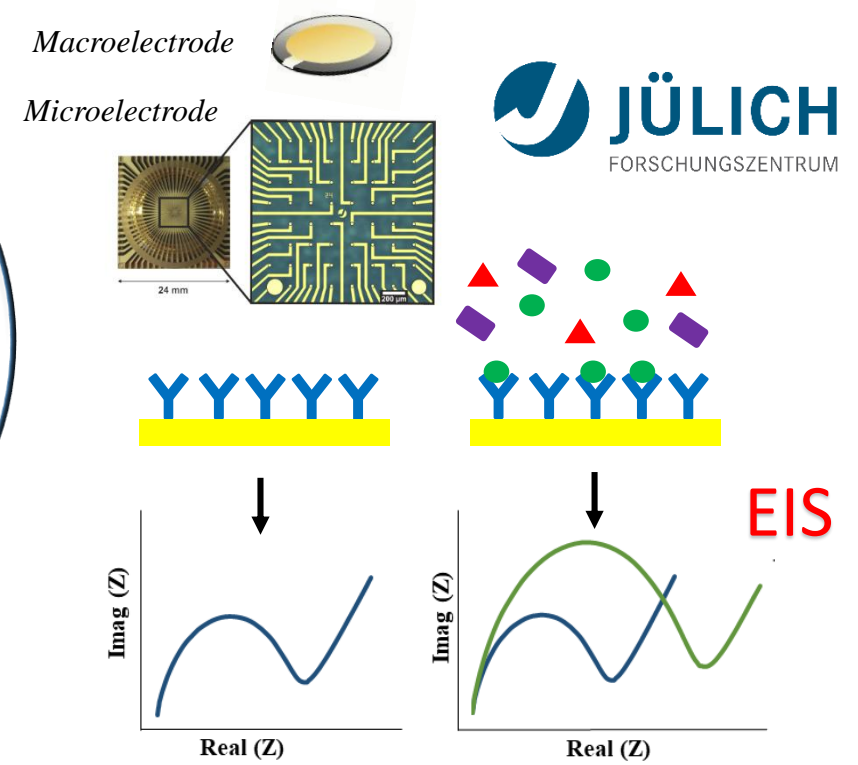
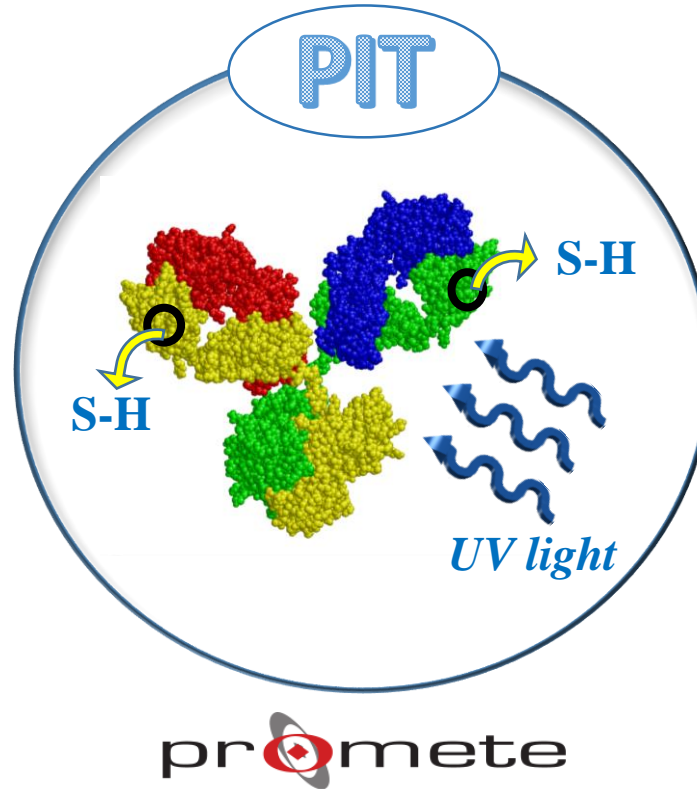
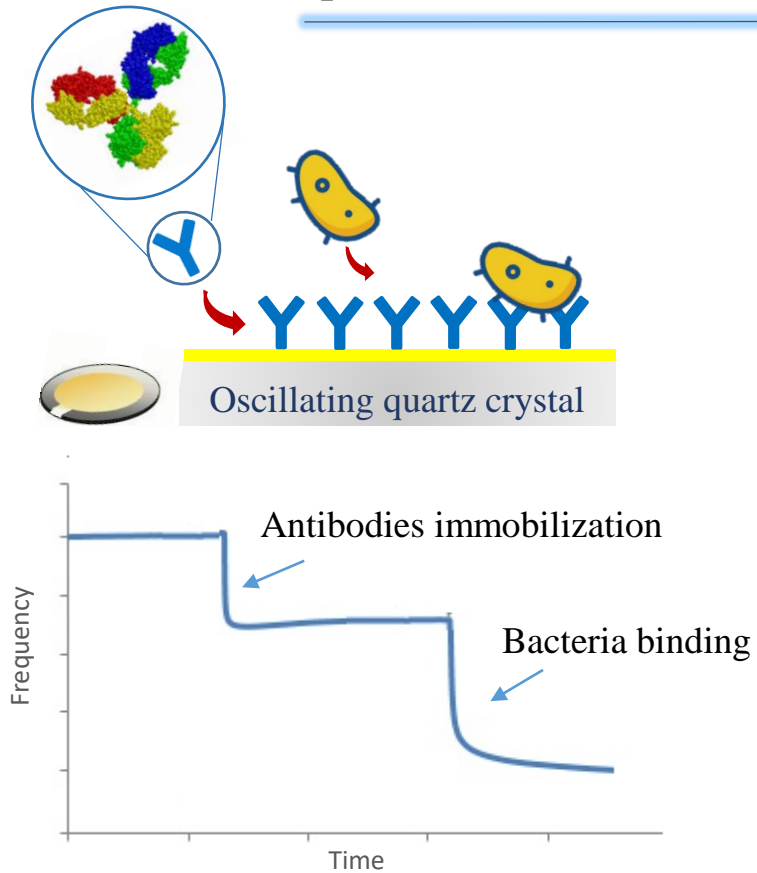




### Quartz-Crystal Microbalance (QCM) and electrochemical immunosensors functionalized by photochemical immobilization technique (PIT) for application to food safety and quality



The application of PIT to QCM is a well established technique for the detection of various analytes and in this project PIT will be extended to the detection of bacteria

PIT functionalized electrodes will be used, for the first time, to improve the performance of an electrochemical immunosensor based on Impedance Spectroscopy