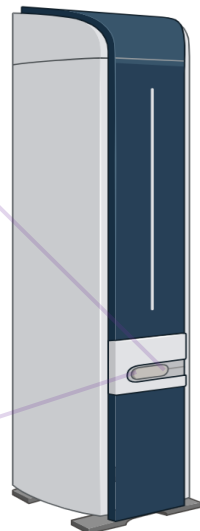
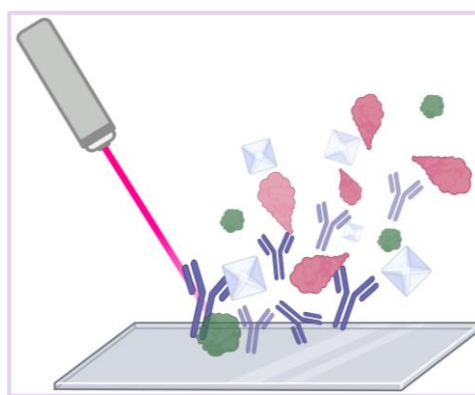
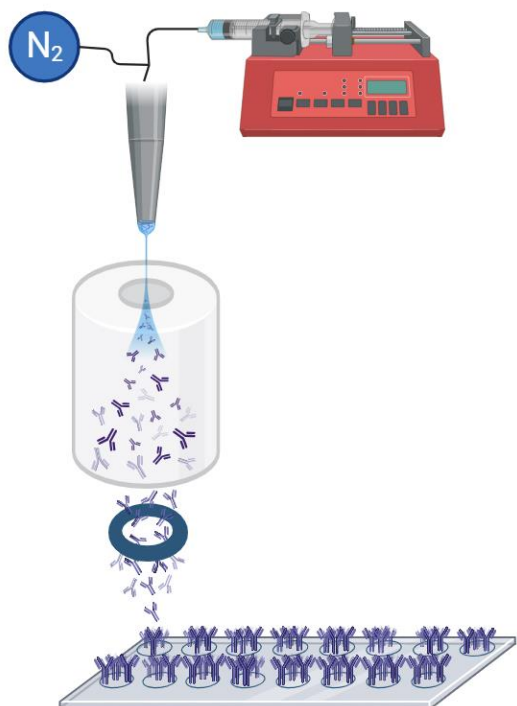




PhD candidates wanted

The Laboratory of Structural Biology and Cell Signaling is seeking candidates (m/f/o) for a PhD position in the field of **clinical biochemistry, microbiology, and analytical chemistry**. Our experienced and friendly research group is located in the modern and state-of-the-art-equipped BIOCEV center in Vestec near Prague. We are offering a PhD position fully funded by the Czech Ministry of Health through the AZV project NW24-09-00464 (2024-2027). The goal of this research project is **enhancing the effectiveness of antibiotic treatment**. The research activity involves mainly method development for the clinical diagnosis of infectious diseases, with a special focus on detecting antibiotic resistance using advanced mass spectrometry techniques performed on variety of mass spectrometers (**ESI-QTOF, MALDI/ESI FT-ICR, MALDI-TOF**). Different affinity approaches including our **own protein chip arrays** will be utilized to achieve the project goals.



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