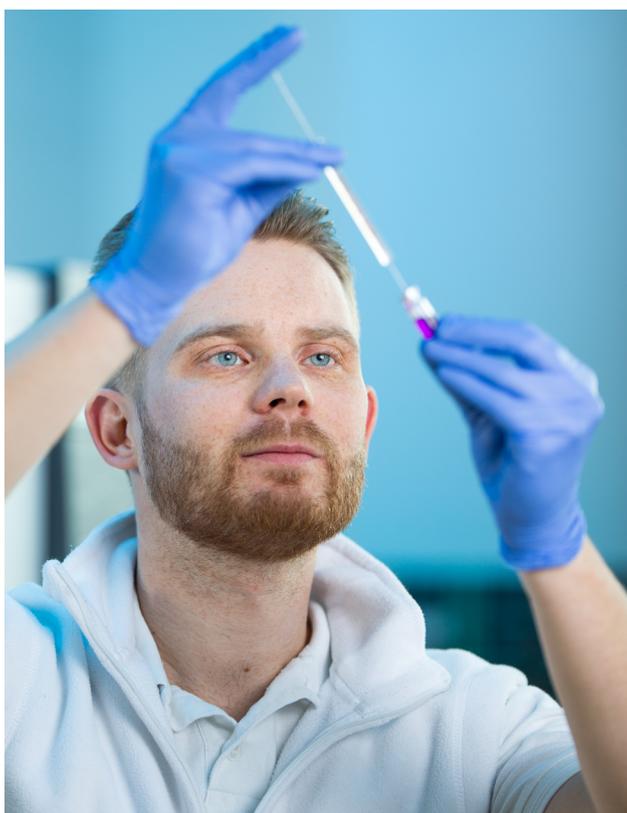


# R-LAB

## CHEMICAL ANALYSIS ACCORDING TO YOUR WISHES



Being a part of the **Regional Centre of Advanced Technologies and Materials** and **Department of Analytical Chemistry** of Faculty of Science, Palacký University in Olomouc, Czech Republic, we develop and validate analytical methods using top know-how, unique and modern instrumentation. An individual approach to each client is our main priority. Since 2015 our laboratory is certified according to the system of Good Manufacturing Practice (GMP).



## WHAT DO WE OFFER?

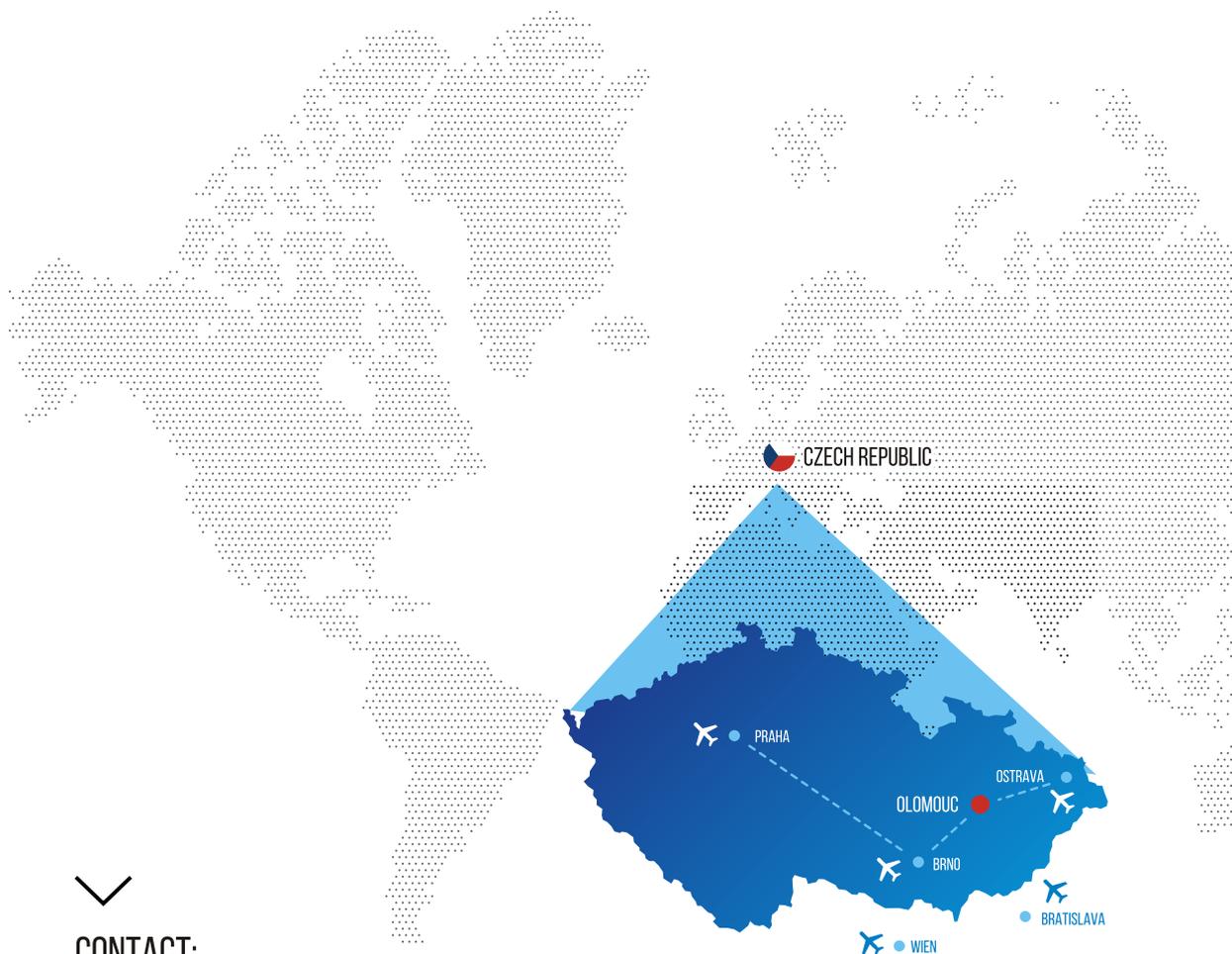
- > Pharmaceutical analysis under GMP
- > Determination of elemental impurities in drugs according to the requirements of the ICH-Q3D guidelines and the United States Pharmacopeia by ICP-MS
- > Elemental analysis at levels from ng/L in various samples
- > Mass spectrometry imaging of elements and small molecules in various samples by LA-ICP-MS and MALDI-MS
- > Speciation elemental analysis by HPLC-ICP-MS
- > HPLC with UV or MS detection for analysis of trace organic impurities in various samples
- > Structure elucidation of unknown impurities
- > Solubility and degradation studies



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Palacký University  
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