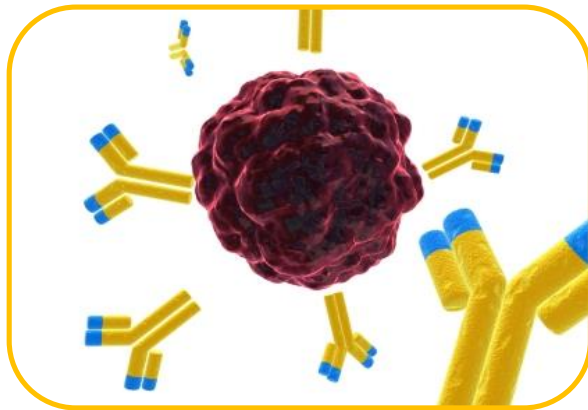




Analytical support for biotech and pharma



Advanced analytical services for biomedical and innovative medicines research and development

Abundnz offers a range of standard and custom-made analytical solutions to biotechnology, pharmaceutical and diagnostics industries and life sciences research worldwide. Our company is specialized in the characterization and analysis of innovative medicines such as peptide and protein drugs, oligonucleotides and nanomedicines. Due to our experience and track record, you can rely on us as your solid partner in analytical projects.



Biotech and pharmaceutical

Abundnz provides several standard and customized analytical services for biotechnology and pharmaceutical companies.

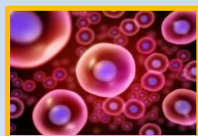
- Bioanalysis of peptide and protein drugs, antibodies, oligonucleotides, nanomedicines, small molecule drugs etc.
- Characterization of innovative medicines, such as intact mass analysis, amino acid sequence, aggregation, post-translational modifications etc.
- Impurity profiling and analysis of (bio)pharmaceutical formulations
- Identification of desired and unwanted compounds during the development or improvement of (bio)chemical processes
- LC-MS method development, including training and consultancy



Life Sciences

Abundnz is active in life sciences research.

- Tissue imaging (MALDI-TOF)
- Proteomics
- Active compound screening, such as in plant extracts



Diagnostics

Abundnz offers diagnostics companies and healthcare institutes analytical services.

- Protein and peptide biomarker validation studies
- Dried Blood Spot analysis



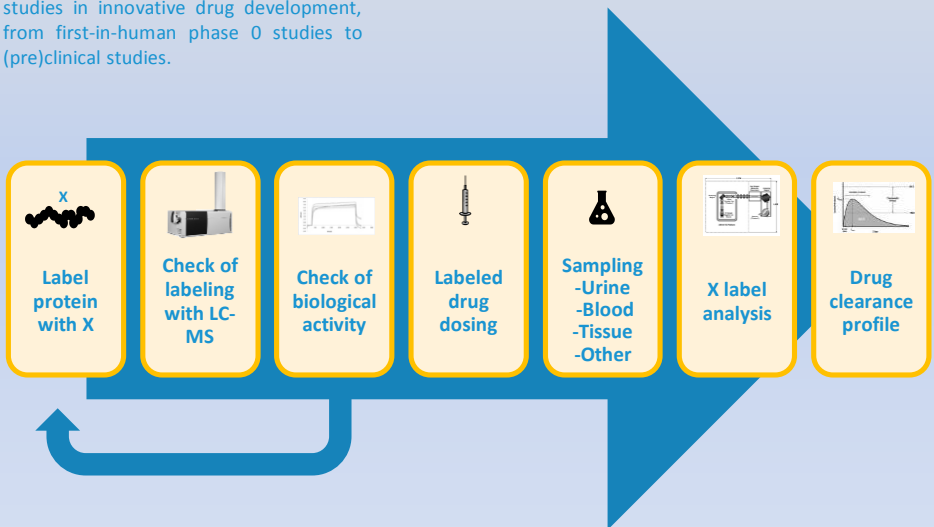
Technology platform for microdose studies with innovative medicines

Introduction

Abundnz has developed a novel, highly sensitive technology platform with which the pharmacokinetic properties of (modified) innovative medicines, like peptide and protein drugs and nano drug delivery systems, can be studied at safe microdose levels in humans in an early stage of drug development. The technology enables absolute bioavailability and pharmacokinetic studies in innovative drug development, from first-in-human phase 0 studies to (pre)clinical studies.

Benefits

- Highly sensitive bio-assay, down to attomoles per liter
- Just minute amount of drug compound required (nanograms) to assess pharmacokinetic properties of biological drugs in (pre)clinical studies
- Safer testing of biopharmaceutical drugs
- Reduction of costs and time, up to a factor 5
- Reduction of animal tests



Applications

- Peptide and protein drugs ranging from small synthetic peptides to large conjugated antibody molecules
- Biosimilars and biobetters
- Nanoscale drugs and drug delivery systems
- Gene and cell therapy, oligonucleotides
- Metabolism studies



For more information:

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