

COMET Centre (K1)

CBmed	
Center for Biomarker Research in Medicine	
Main location	Graz, Styria, Austria (HQ with Core Labs)
Other locations	Vienna, Vienna, Austria (associated Core Labs)
Research programme	CBmed combines clinical research infrastructure with scientific and clinical expertise and an international network of scientific and industry partners for translational biomarker research. Driven by medical need and the vision to enable personalised medicine, the focus is on personalized biomarkers in major societal diseases such as cancer, cardiovascular disease and diabetes.
Planned realisation and outcomes	
CBmed has established Core Labs in Graz and Vienna, in cooperation with scientific and industry partners, in Genomics (NGS), Proteomics (MALDI and LC-MS/MS), Metabolomics, Immunology, Digital Pathology, In vivo Imaging, and Digital Biomarkers. A strategic FUSION Technology approach enables close operational integration of the eight Core Labs, including an in-house computational infrastructure for advanced data analysis in biomarker discovery and translation.	
History of establishment	CBmed foundation was motivated by the clinical need for patient-specific biomarkers, available resources at the Medical Universities of Graz and Vienna, associated clinical centres and BioBank Graz, alongside research expertise of Prof. Thomas Pieber and associates.
Selected company partners (max. 10)	Selected scientific partners (max. 5)
<ol style="list-style-type: none"> 1. SAP SE (Germany) 2. B. Braun Austria Ges.m.b.H. (Austria) 3. Profil Institut für Stoffwechselforschung GmbH (Germany) 4. QIAGEN GmbH (Germany) 5. Institut Allergosan GmbH (Austria) 6. KIWI Schenk GmbH (Austria) 7. Boehringer Ingelheim (Germany) 8. Merck Sharp & Dohme (MSD) Ges.mbH (Austria) 9. Cytogen (South Korea) 10. STRATEC Consumables GmbH (Austria) 	<ol style="list-style-type: none"> 1. Medical University Graz (MUG) 2. Medical University Vienna (MUW) 3. Joanneum Research (JR) 4. Technical University Graz (TUG) 5. Karl-Franzens University Graz (KFU)
	Selected international partners ¹ (max. 5)
	<ol style="list-style-type: none"> 1. Temple University (USA) 2. Nagoya University (Japan) 3. Magdeburg University (Germany) 4. ITG GmbH (Germany) 5. Arecor Ltd. (UK)
Duration of the COMET Centre	01. Jan. 2015 – 31. Dec 2022 (8 years)
Staff employed at the Centre	43 FTE (thereof 36,5 scientists)
Total costs	1 st Funding period: EUR 17,4 Mio (4 years) 2 nd Funding period: EUR 18,5 Mio (4 years)
Management of the Centre	Ing. Robert Fasching, CFO Prof. Dr. Thomas Pieber, CSO
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¹ Partners with headquarters outside Austria