COMET Centre (K1)

**CBmed**

Center for Biomarker Research in Medicine

<table>
<thead>
<tr>
<th>Main location</th>
<th>Graz, Styria, Austria (HQ with Core Labs)</th>
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<tbody>
<tr>
<td>Other locations</td>
<td>Vienna, Vienna, Austria (associated Core Labs)</td>
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**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)

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 Schenck GmbH (Austria)
7. Boehringer Ingelheim (Germany)
8. Merck Sharp & Dohme (MSD) Ges.m.b.H (Austria)
9. Cytogen (South Korea)
10. STRATEC Consumables GmbH (Austria)

**Selected scientific partners** (max. 5)

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. Temple University (USA)
2. Nagoya University (Japan)
3. Magdeburg University (Germany)
4. ITG GmbH (Germany)
5. Areco Ltd. (UK)

**Duration of the COMET Centre**


**Staff employed at the Centre**

43 FTE (thereof 36.5 scientists)

**Total costs**

1st Funding period: EUR 17.4 Mio (4 years)
2nd 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

The COMET Centre is funded within COMET – Competence Centers for Excellent Technologies – by BMK, BMDW as well as co-financing federal provinces. The COMET programme is managed by FFG. >> [www.ffg.at/comet](http://www.ffg.at/comet)

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