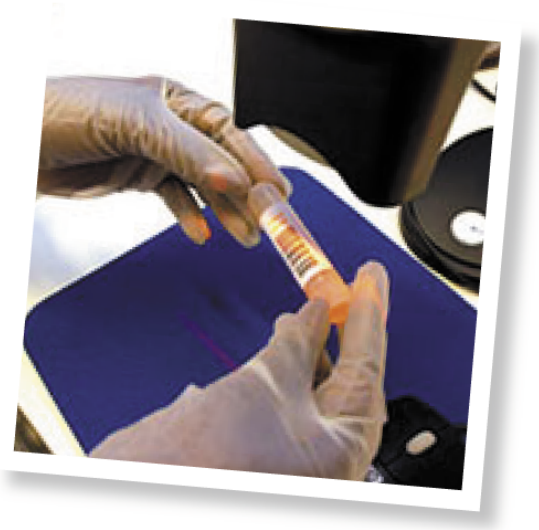
BBMRI
Biobanking and Biomolecular Resources Research Infrastructure



CAPACITIES

BBMRI GA Nr. 212111
1.2.2008-30.04.2010

# BBMRI
# Expert Centres

K. Zatloukal
Medical University of Graz, Austria

Stakeholder Meeting
Paris, December 15th 2009

# BBMRI Expert Centres

A new model of public-private-partnership to improve efficacy of biospecimen research for academia and industry

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# Why Expert Centres?

- To generate best possible use of biological samples
  - Specific medical/scientific expertise required for proper sample selection and data interpretation
  - Standardized state of the art analysis platforms prerequisite for data sharing
  - High level quality management is prerequisite for industry to trust in data generated in public environment
- Alternative to sample shipment
  - Opportunity for research collaborations with countries with export restrictions
  - Improved access to industry
  - Avoids impression of sample commercialisation

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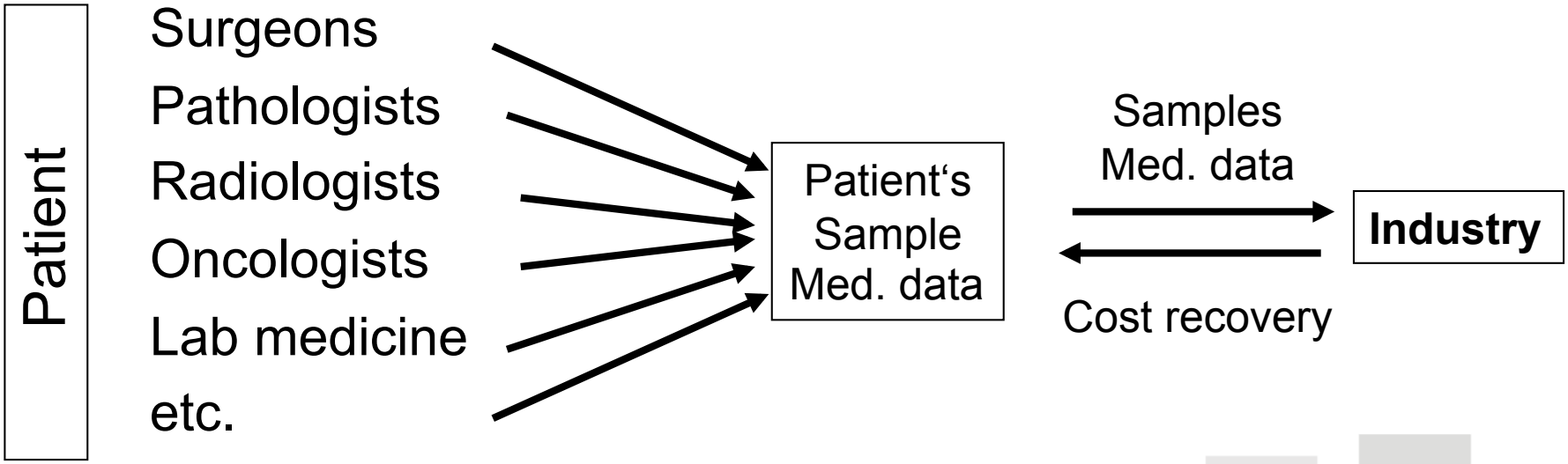
# Access by the Industry




**Problem if no scientific collaboration is possible since financial compensation is no reasonable incentive for contributors and not accepted by public**

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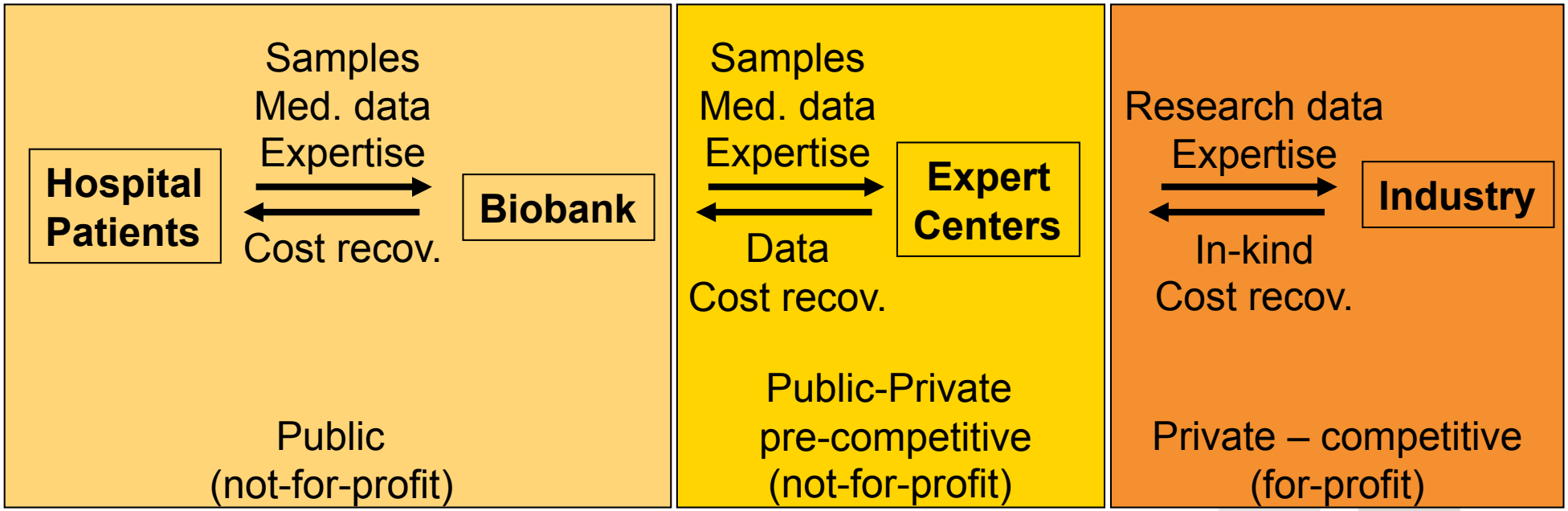
# Expert Centers: Model A




Provides efficient access to samples, data and expertise
Mutual benefit from expertise and in-kind contributions
Reduces requirements for sample shipment
Gateway for global collaborations

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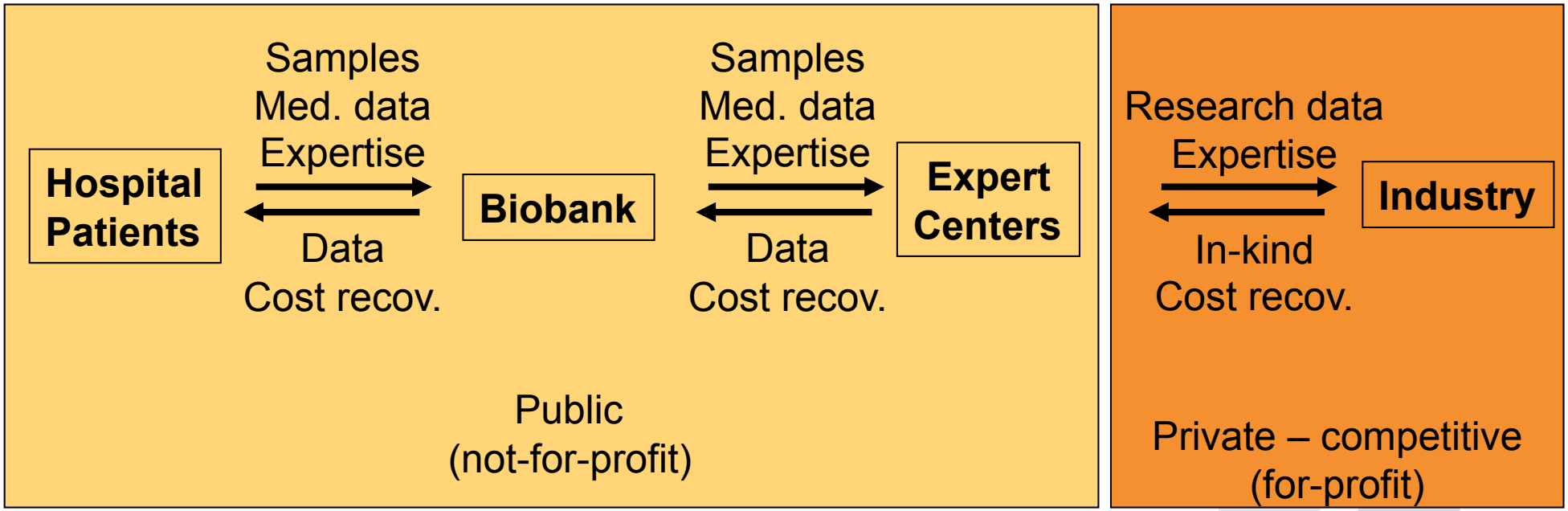
# Expert Centers: Model B




Provides efficient access to samples, data and expertise
Mutual benefit from expertise and in-kind contributions
Reduces requirements for sample shipment
Gateway for global collaborations

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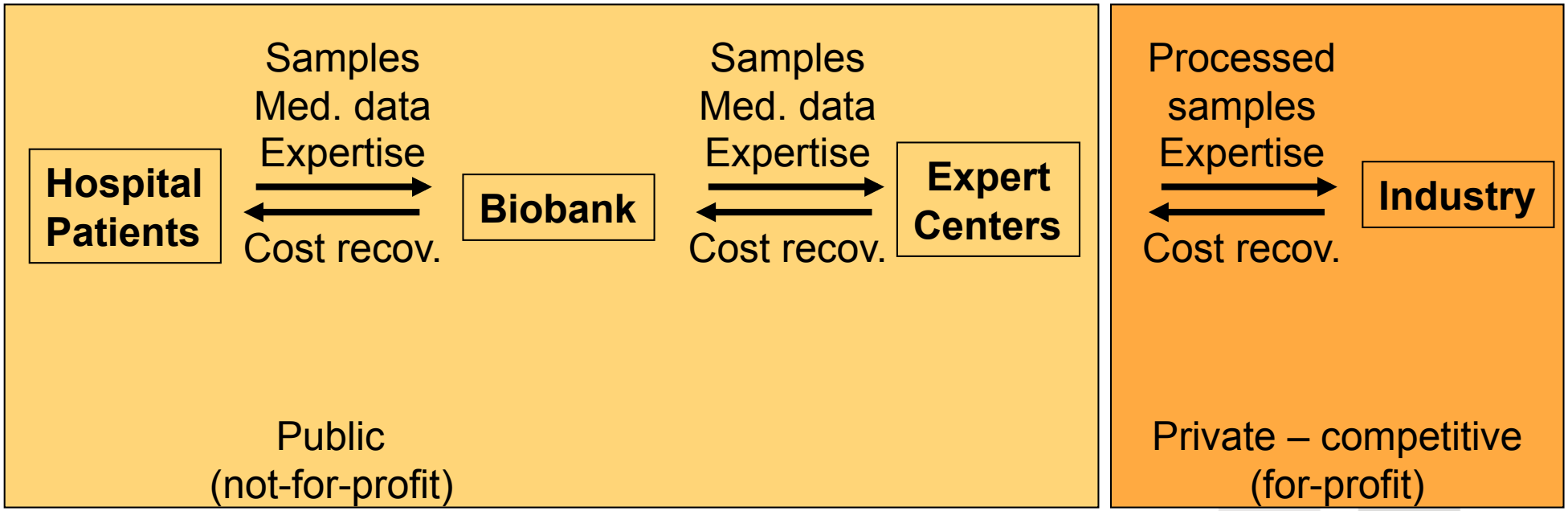
# Expert Centers: Model C




Provides efficient access to samples, data and expertise
Reduces requirements for raw sample shipment

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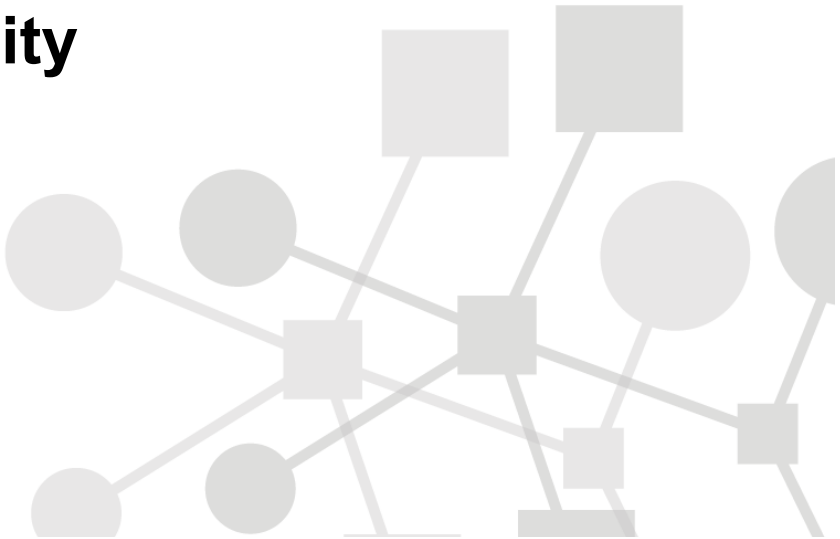
# Expert Centers Features

- Specifications defined together with industry
- Industry participates in QM
- Participation in ring trials
- Common reference samples
- Certification / Accreditation
- Confidentialy guaranteed like by CRO
- Different models, great flexibility



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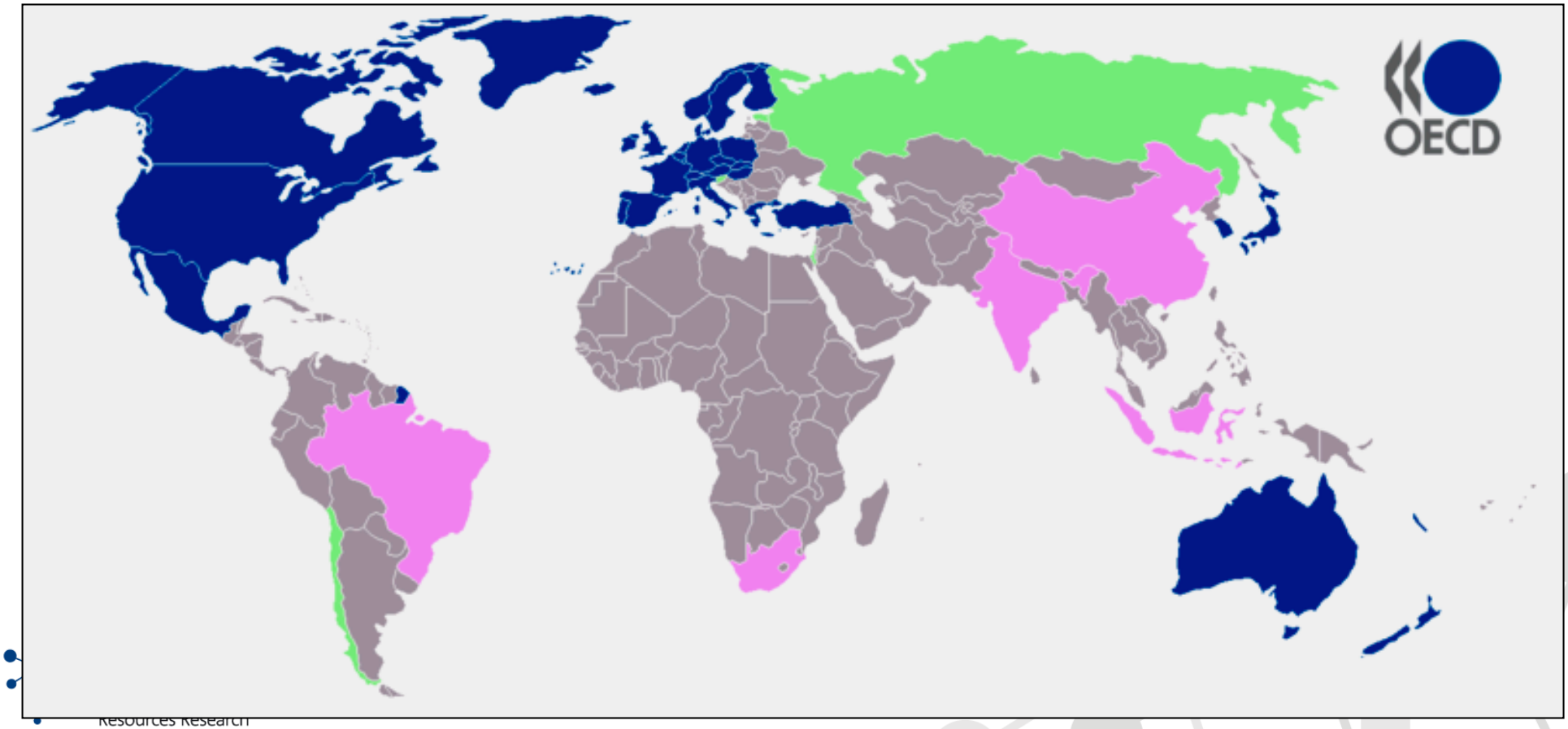
# Global Integration of BBMRI by Implementation of the OECD GBRCN Concept in Europe




Resources Research
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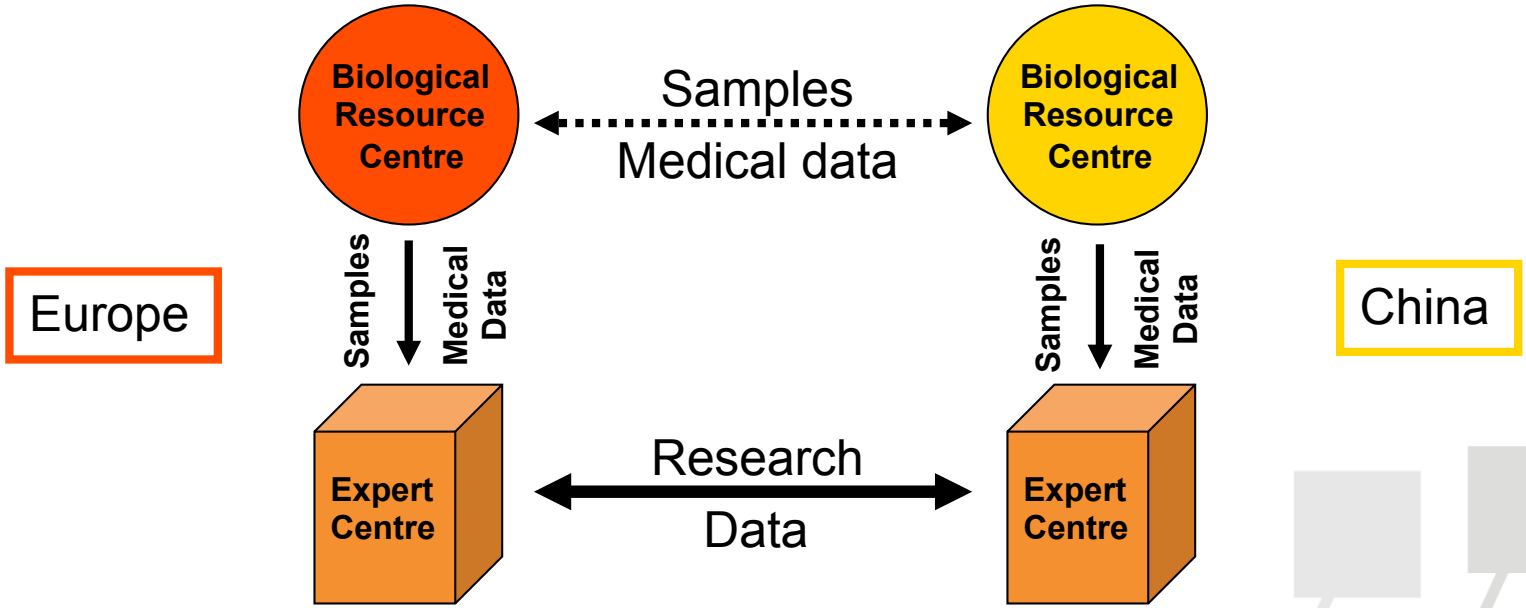
# Expert Centres as Highways for Transnational Research Collaborations

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# Thank you

www.bbmri.eu

M. Yuille et al. *Briefing in Bioinformatics* 9: 14-24 (2008)

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