

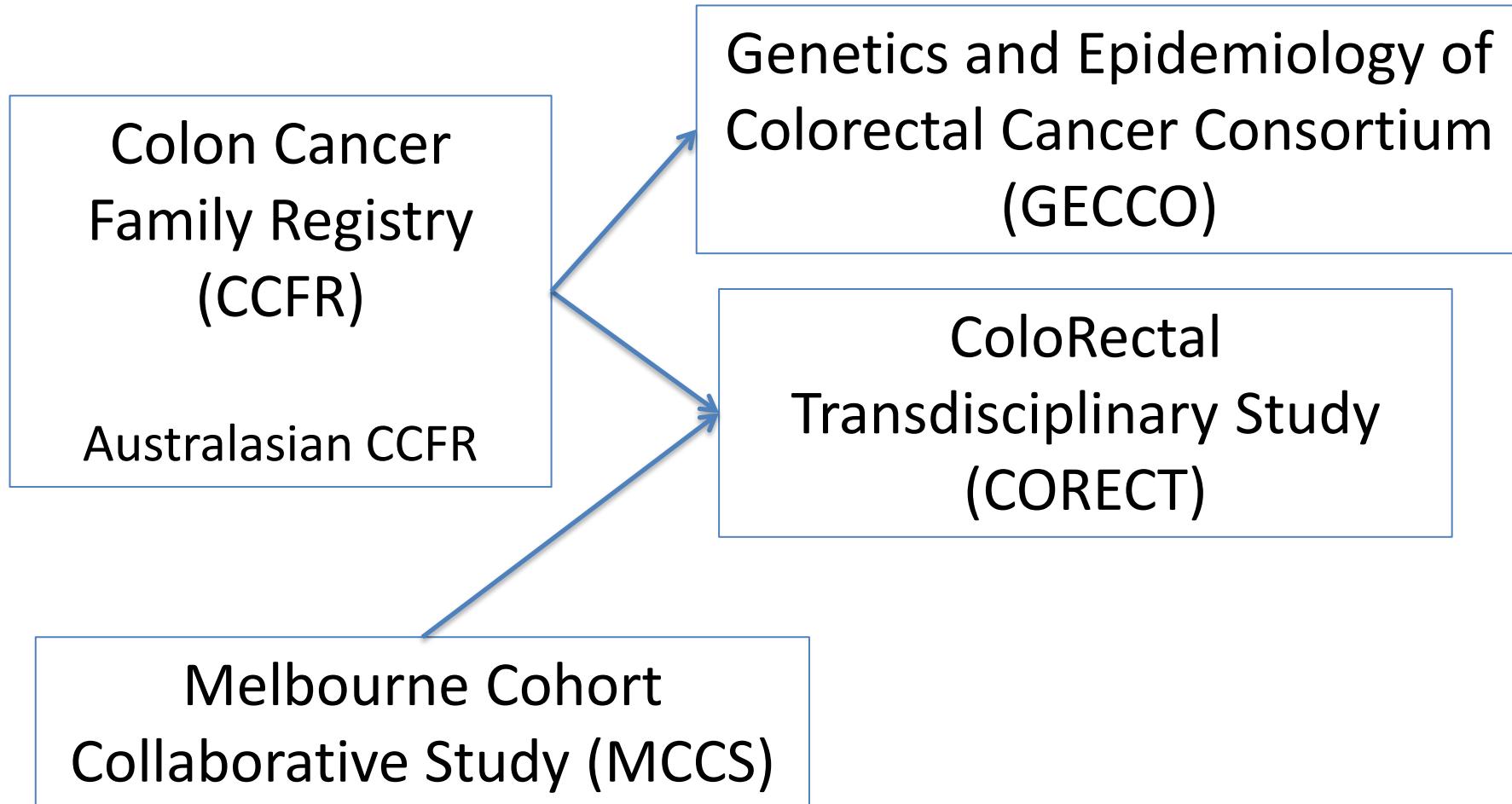
Colorectal Cancer

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Resources



International
Mismatch Repair
Consortium (IMRC)

Serrated Polyposis study
(SPS)

Europe

Asia

Nth America

Sth America

Australasia

Africa

Canada

Australia

New Zealand

USA

DATA

- Lifestyle data
- Family history
- Clinical data
- Blood
- DNA
- CRC tumour tissue
- Colon polyp tissue
- Genotype data (GWAS, EWAS, WES, WGS)

- Genetic and environmental determinants
- Risk estimation
- Gene discovery (sequencing, CNVs)
- Prognosis
- Prevention
- Epigenetics (methylation)

Opportunities for future use

- Validation of risk prediction (genetic and environmental)
- Risk factors stratified by innate (genetic) risk
- Deep analysis of SNP, sequencing, and methylation data (and tumour!)
- Identification of risk reduction strategies (translation)
- Whole exome, whole genome, whole methylome, SNP data available
- Investment in genotyping and epigenetic typing for incident CRCs.