

A Bio Banking Network dedicated to Human Reproduction

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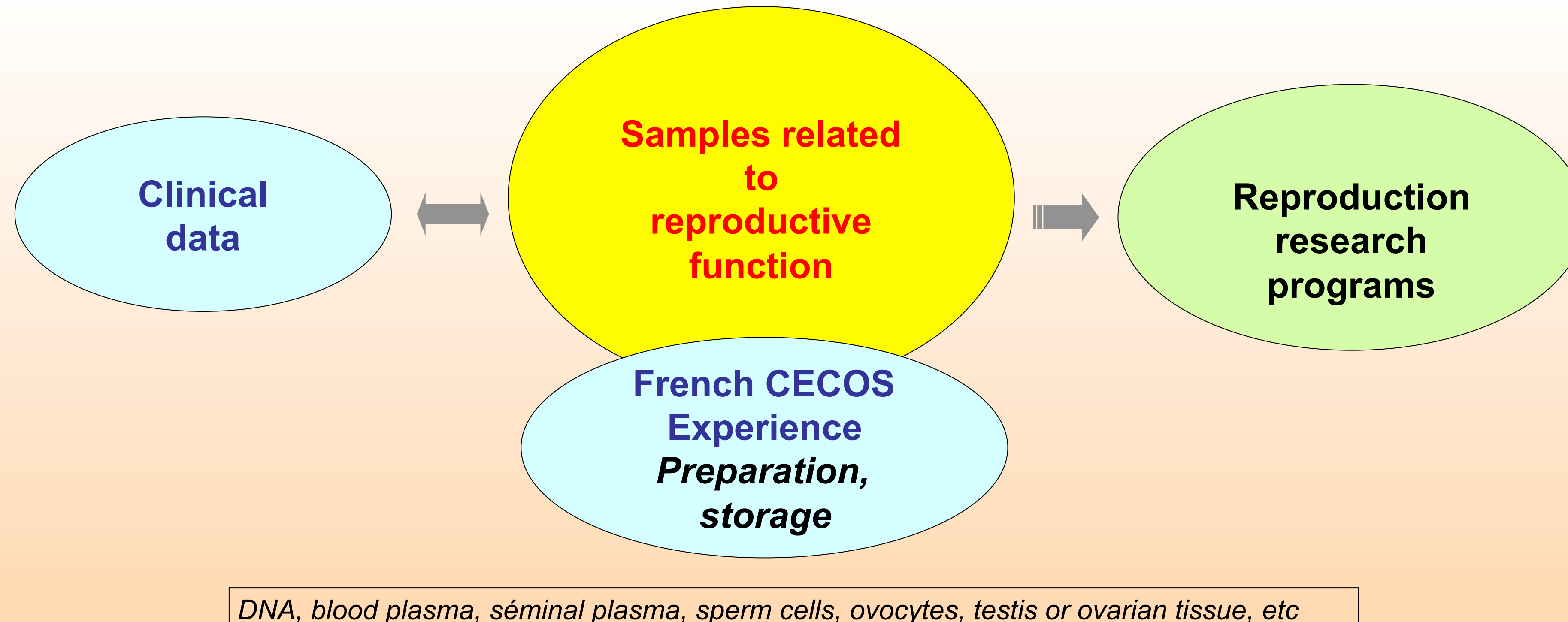
Background

Understanding the genetic and environmental factors influencing human reproduction is a challenge for scientists, physicians and public health policy. Research in this field requires well characterized samples and clinical data collection, especially in cases of rare syndromes.

The aim of our Germethèque network is to build scientifically and ethically robust sample collections in the field of human reproduction.

Methods

- 5 teams from university hospitals: Clermont-Ferrand, Grenoble, Marseille, Paris-Tenon and Toulouse (coordinator).
- Initiated by the Sperm Biobank (CECOS) laboratories of these 5 public hospitals. (CECOS: Centre d'Etude et de Conservation des Œufs et du Sperme humain);
- Preparation and storage of samples related to exploration of reproductive function.
- Clinical data associated with the biological resources.



Results and Conclusion

- More than **2500 samples**
- Spermatozoa, oocytes, DNA, testis and ovarian tissues, seminal plasma...
- Certified according to the standard **ISO 9001** and French **NFS CRB 96900**
- **IBISA** label
- Included in the **Biobanking and Biomolecular Ressources Research Infrastructure (BBMRI)**
- **In the future**, the number of sites of sample collection and distribution will be increased. We also plan to collect and store **human embryos available for research**