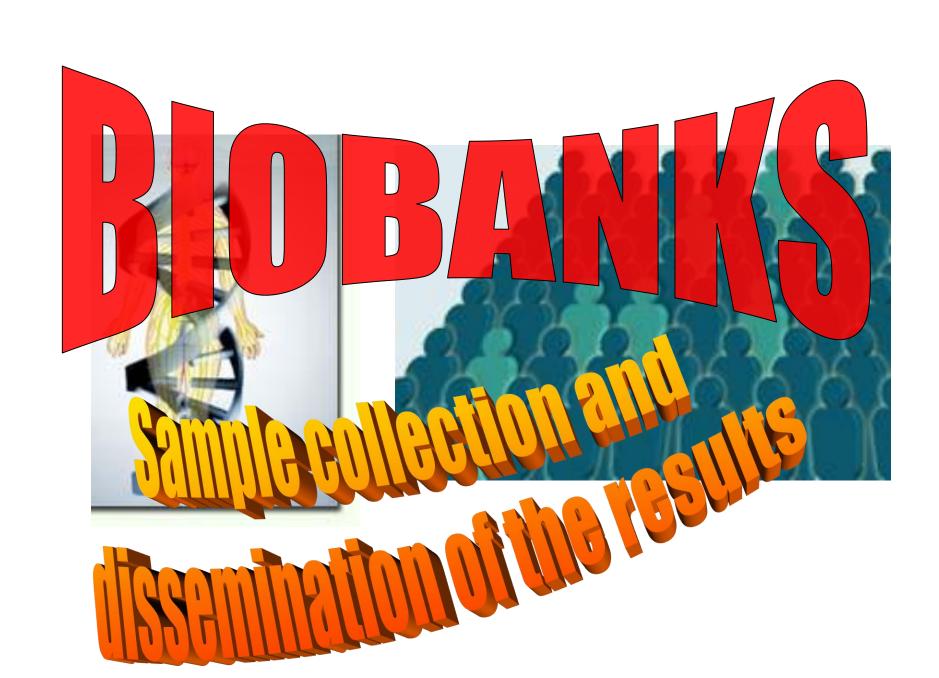
Biobanking and data sharing for the progress of collaboration on GSD



The Money lender and his Wife. Quentin Massys, 1514.





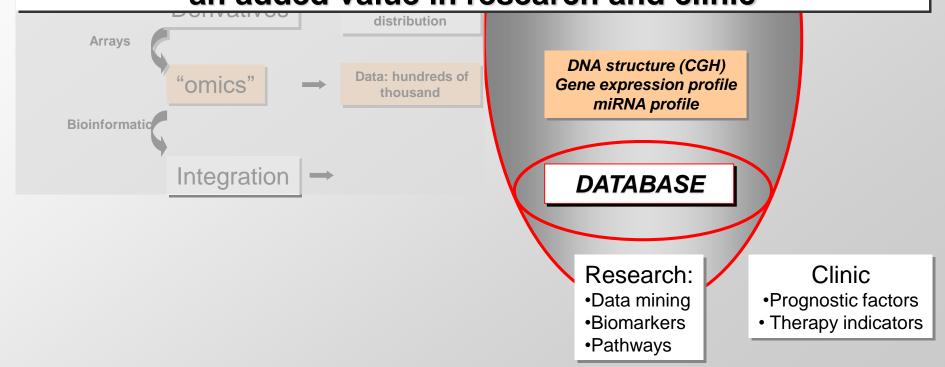


- Limited number of specimens
- Unique legal considerations
- Unique scientific questions
- Network is mandatory to reach a meaningful number of samples

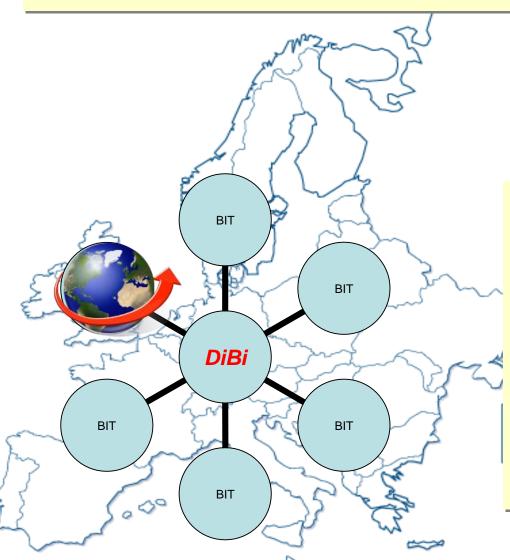
Biobank Integrating Tissue&omics (BIT) Gaslini



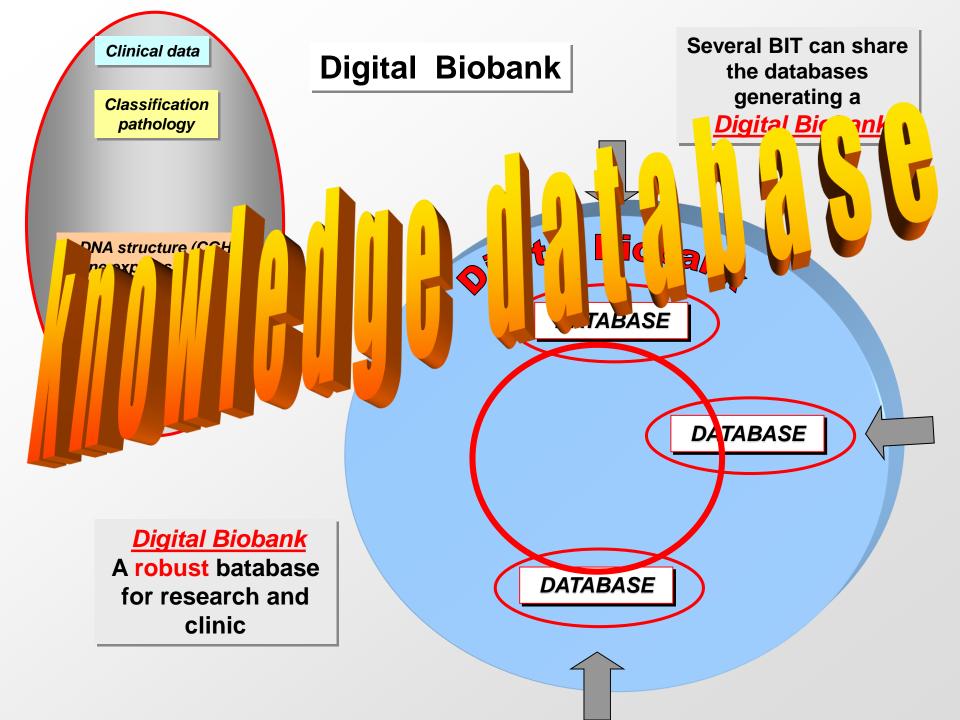
From tissue sharing to a Biobank Integrating Tissue&omics (BIT): an added value in research and clinic



Digital Biobank (DiBi) cenetralizes the databases of individual "BIT"

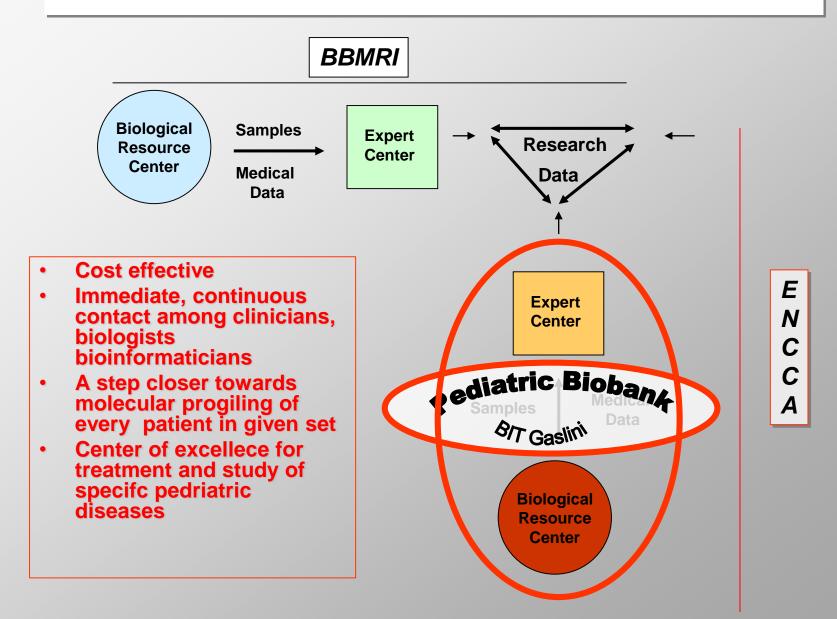


The centralization of the information is indispensable to study and to treat rare diseases



- Molecular characterization of every patients
 - Targeted therapeutic applications
- Personalized medicine

Expert Centers as part of the Pediatric Biobank



GSD biobanks network

Pedidatric Rare disease



Implementation of the infrastructure

GSD consortium

Laboratories Network



Alberto Garaventa Claudio Gambini



Paolo Fardin
Fabiola Blengio
Maria Luisa Belli
Massimo Acquaviva
Andrea Cornero
Valeria Corrias
Annalisa Pezzolo



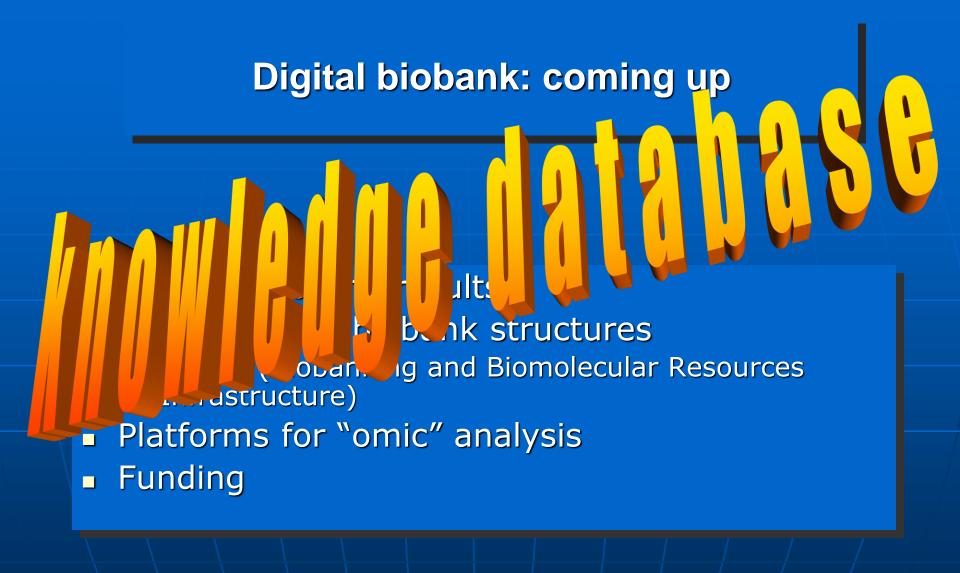


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Pediatric GSD Biobank → short term goals

- Establish a network of
- Interface the network with BBMRI