

BIOBANCO-IMM THE FIRST STEPS

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INTRODUCTION

The Biobanco-IMM is a support structure for research activities. The Biobanco-IMM will have a significant impact on the scientific activity of the Lisbon Academic Medical Centre (CAML), which will reflect in an increased number of patents and partnerships aiming at the development of novel diagnostic tests and innovative drugs.

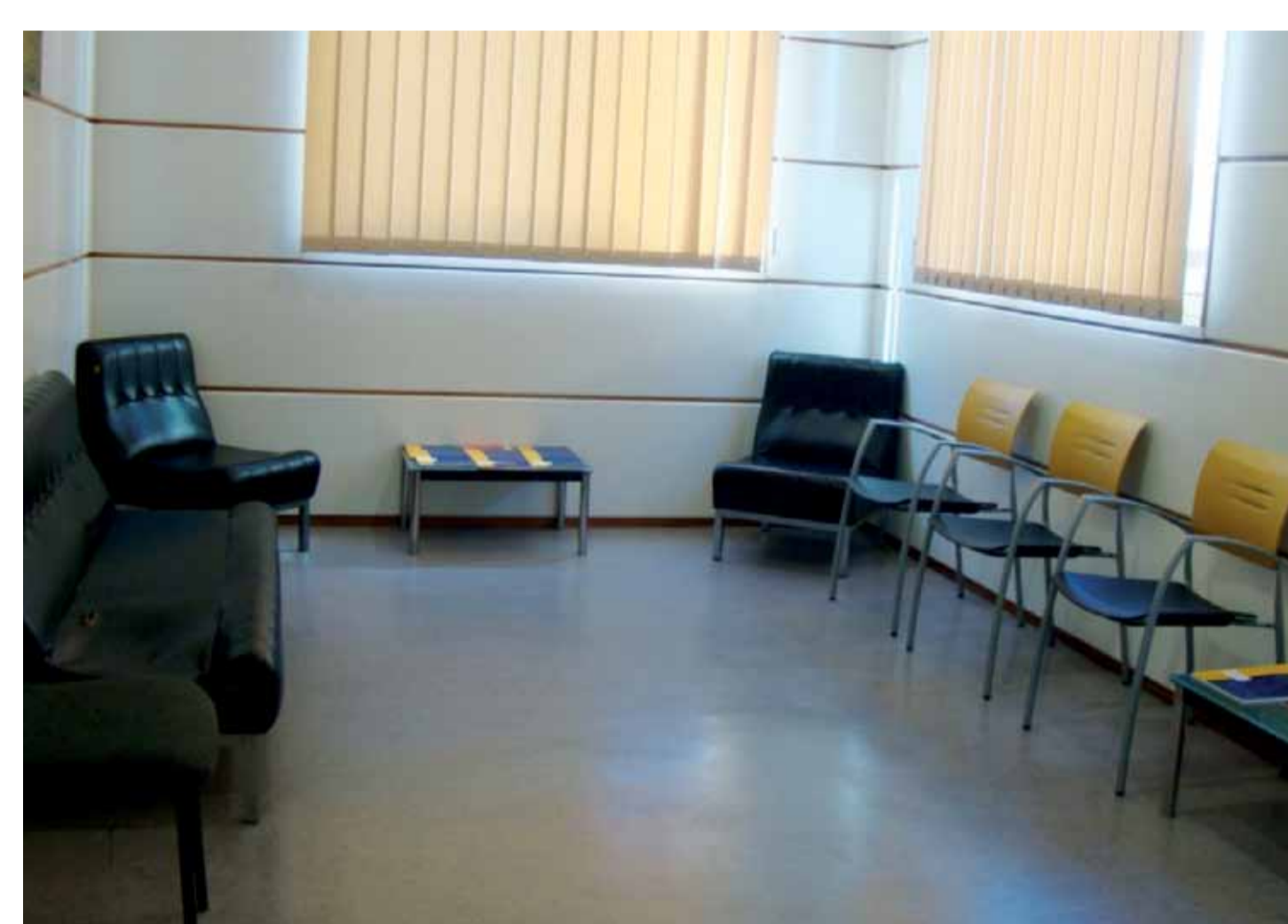


The specific objectives of Biobanco-IMM are:

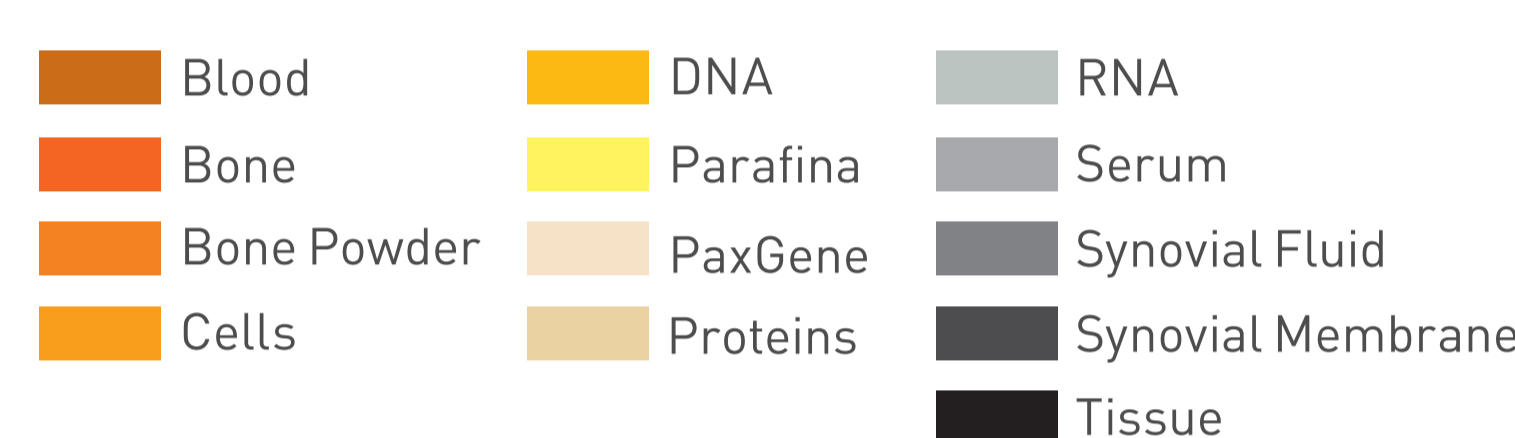
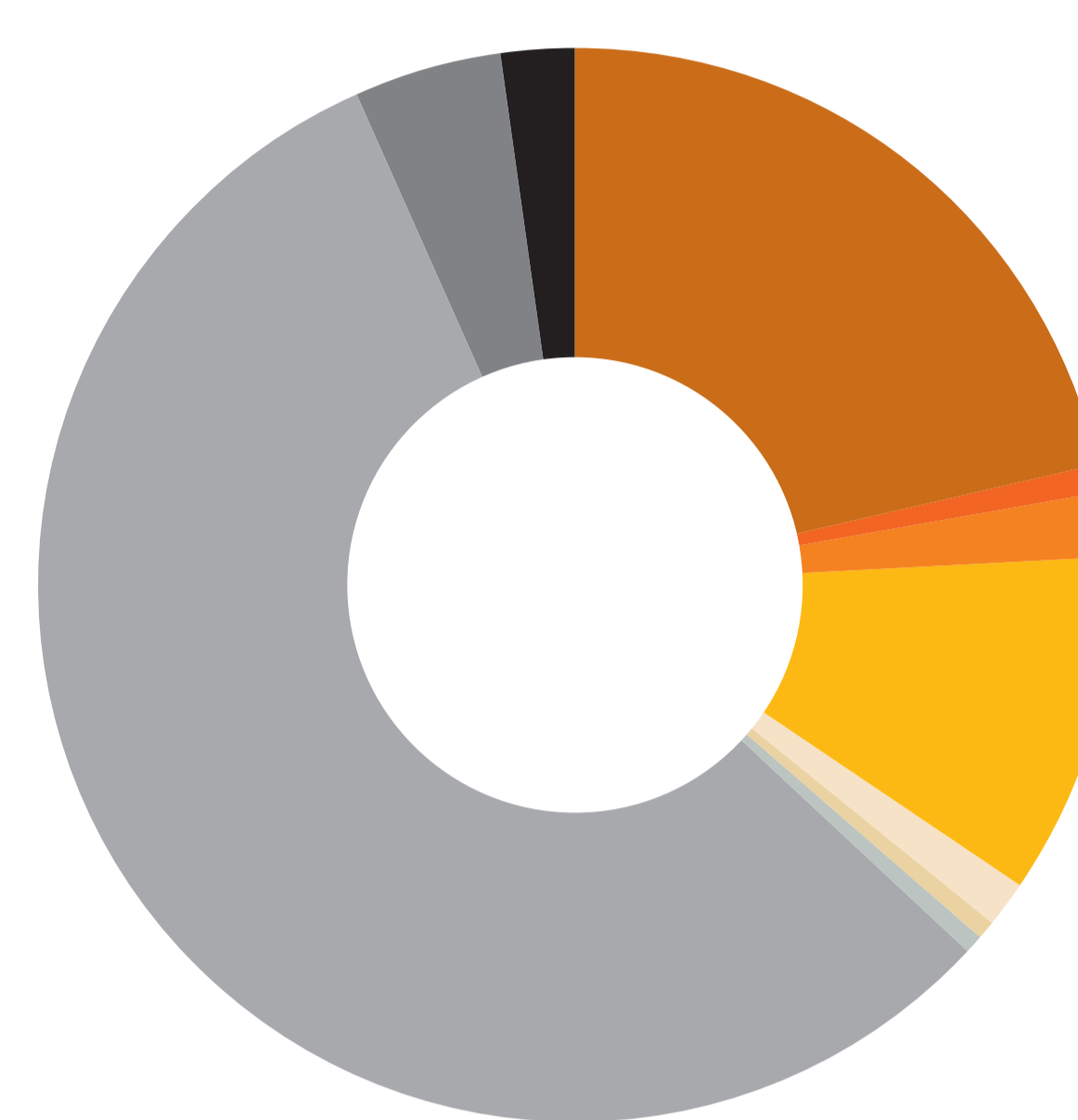
- Collect a wide variety of human biological samples associated with relevant clinical information.
- Ensure the quality of the stored material through standardized quality tests developed according to the international recommendations.
- Administer the sample usage based on scientific and ethic criteria evaluated by the Scientific Commission of Biobanco-IMM.
- Join the national network of tumor banks and the European network of biobanks (BBMRI).

APPROACH

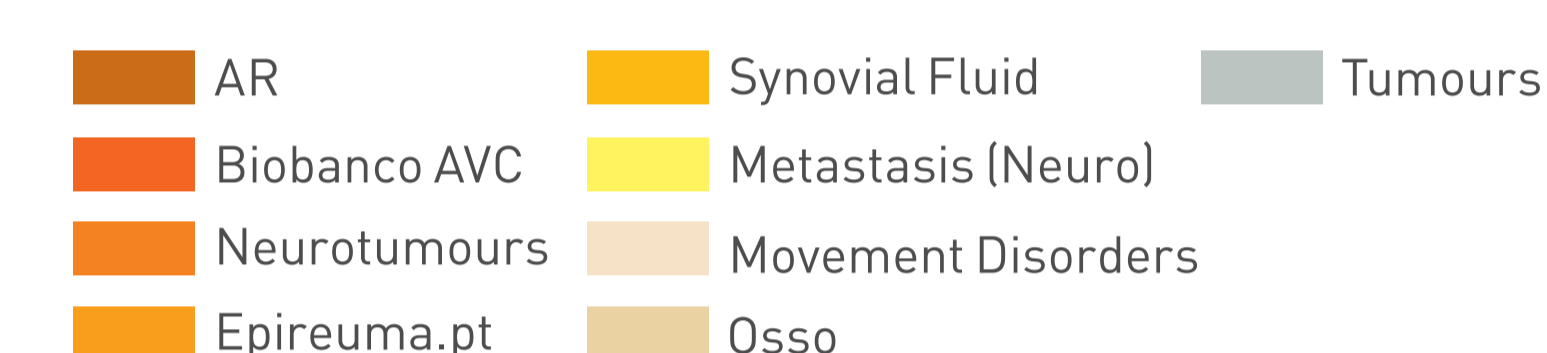
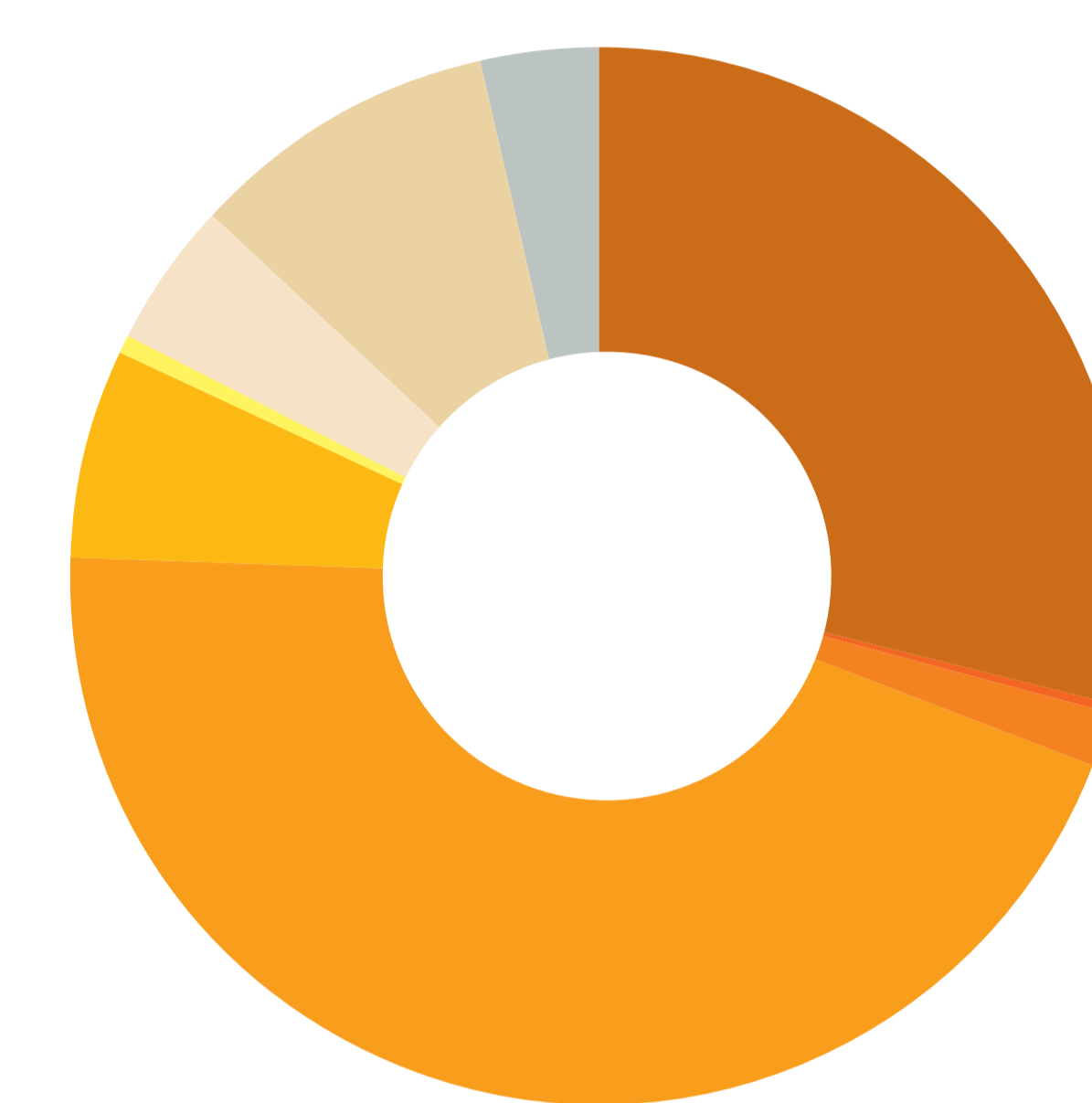
Since the creation of the Biobanco-IMM, a great effort has been made to offer high-quality services. The first steps of the implementation process were to optimize laboratory facilities and to standardize operational procedures, as well as legal and ethical aspects. The biobanco-IMM is authorized by the Ethics Committee of Santa Maria Hospital - North Lisbon Hospital Center (approved on 17th September 2008) to collect and storage samples for research purposes. The clinical data collection is authorized by the National Committee for Data Protection (authorization 7435/2011, 11th July 2011). The Biobanco-IMM is undergoing certification together with the IMM (NP ISO 9001:2008 certification).



17555 SAMPLES



2550 DONORS VS COLLECTIONS



RESULTS

The Biobanco-IMM already counts with 17555 human biological samples from around 2550 donors (blood, serum, urine, cerebrospinal fluid, synovial fluid, DNA, RNA and tissue) and the associated clinical information from the donors which consent to participate. These samples originate from several hospitals and scientific societies, such as the Sociedade Portuguesa de Reumatologia which is developing a study about the prevalence of rheumatic diseases in Portugal and trusted in Biobanco-IMM to deposit the samples. The Biobanco-IMM has also a service for DNA and RNA extraction from tissue, blood and other body fluids, evaluation of its quality, primary cell culture, data management and general support for research projects. Samples will be available to the scientific community in order to promote national and international cooperation on translational research.



LESSONS LEARNED

Our vision is that Biobanco-IMM will contribute to health promotion and society welfare, but will also have the potential to act as a catalyst for novel national and international cooperation between researchers, research institutions and pharmaceutical industry.

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SPONSORS

