TROPICAL RESOURCES IHMT ∕≈ NOVA

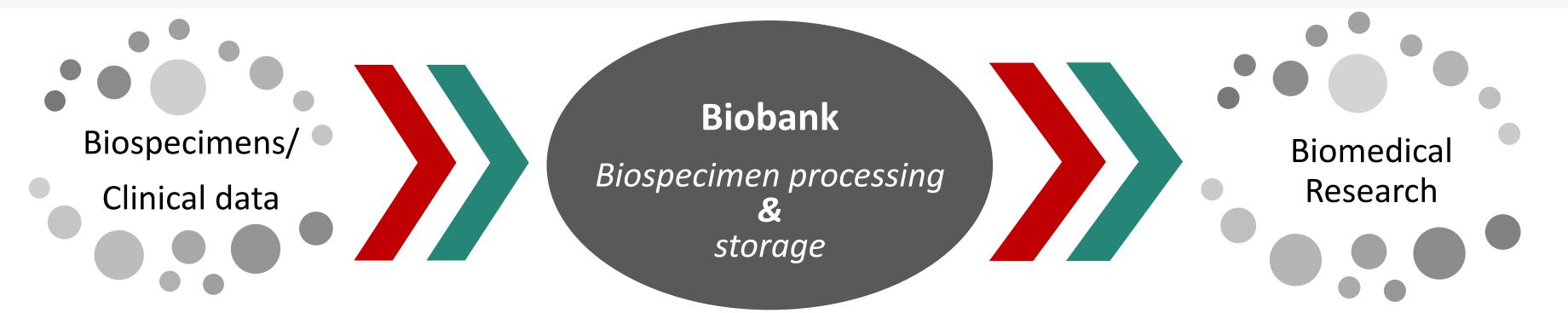
Creating value in health sciences at NOVA – implementation of biobanks in Infectious and Chronic Diseases BIOBANK

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BIOBANKS are considered key instrumental infrastructures in supporting biomedical research

At NOVA University of Lisbon (UNL) exist two local biobanks: BIOTROP & CHRC-BIOBANK



Common Mission

Research collaboration in chronic and infectious diseases is essential to promote research excellence and health improvement worldwide. Together, they constitute a major asset at UNL to strengthen research quality and encourage national and international collaborations

Biotropical Resources

Created in 2016 to support research in tropical medicine and infectious diseases. This infrastructure is prepared to receive and provide biological samples of both human and non-human origin. Management is assured by two Coordinators (general and technical), a Scientific and a Technical Committees and external Consultants.

Best Practices, Ethical and Legal

- High quality adapted facility
- Follows the ISBER and OECD Best Practices
- Follows GDPR and Nagoya Protocol
- NOVA Data Protection Officer Approval







Created in 2020 as part of the Comprehensive Health Research Centre located at CEDOC/NMS, specialising in Chronic Diseases such as musculoskeletal, cardio and respiratory disorders. One main asset of the CHRC-Biobank is its collections from national cohorts, namely EpiReumaPt (a population-based cohort representative of the Portuguese population).

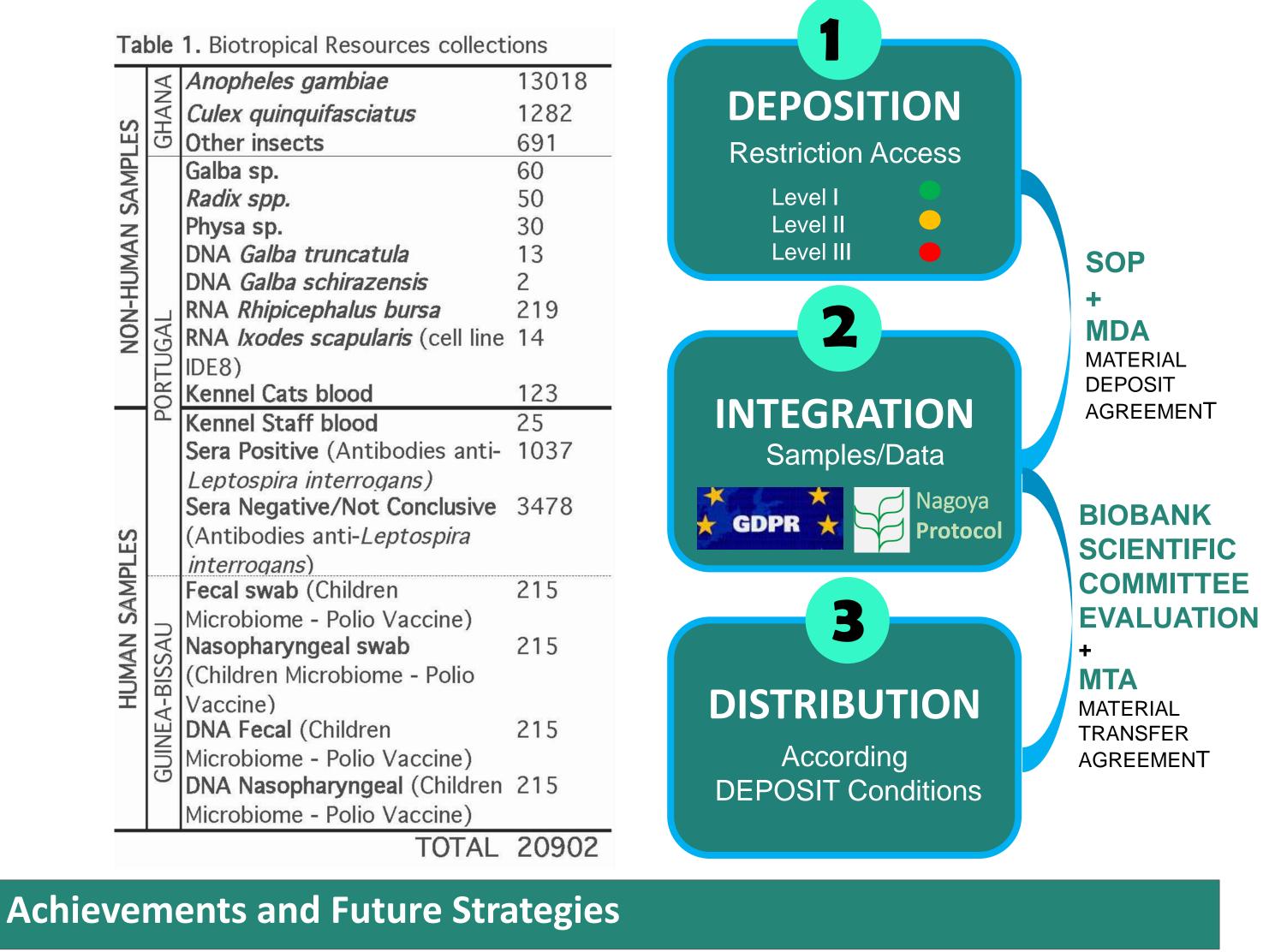
Current Collection

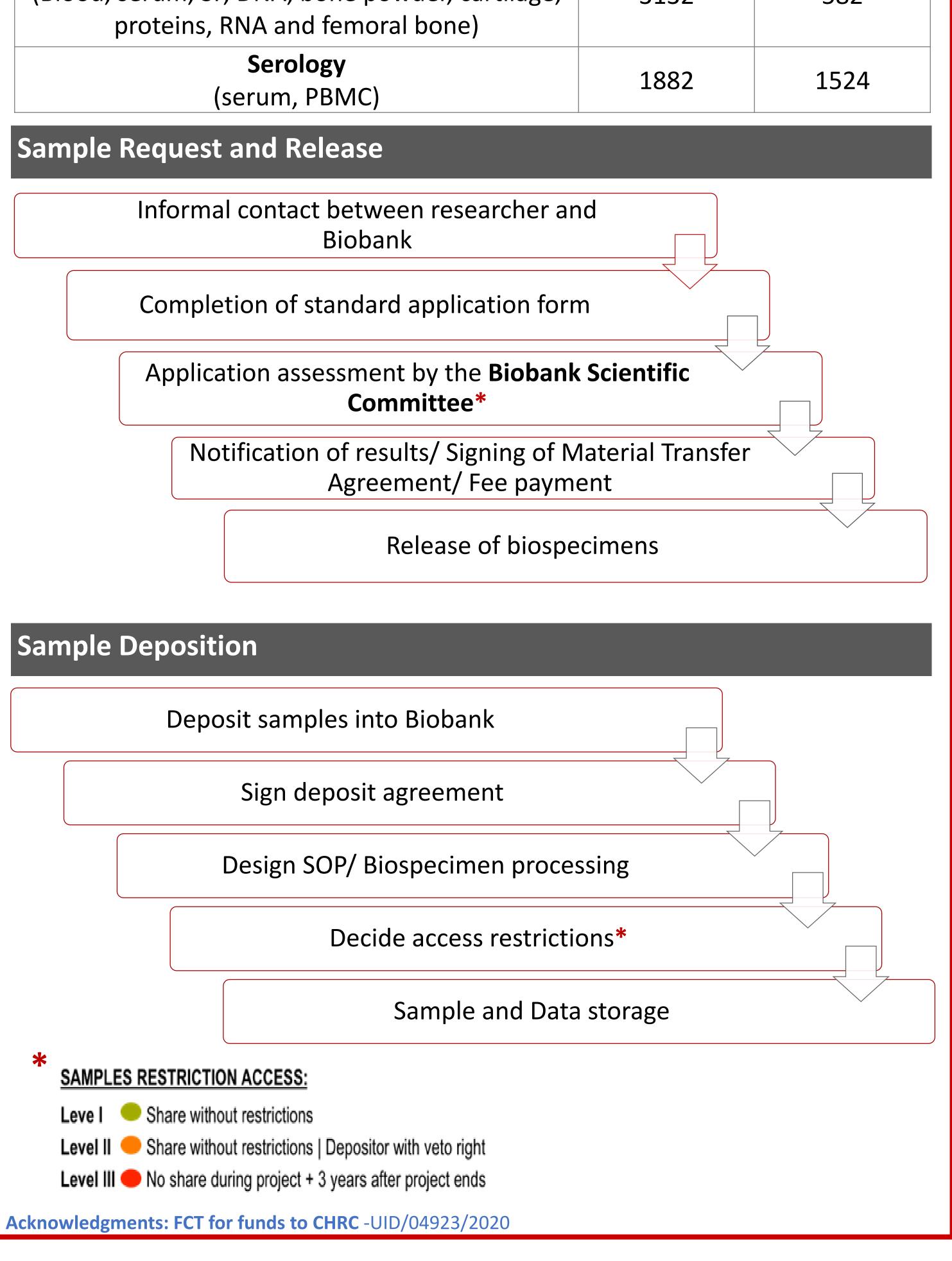
Collection	No. of samples	No. of donors 3664	
EpiRheumaPt (Blood, DNA, Serum)	32 377		
Bone			
(Blood, serum, SF, DNA, bone powder, cartilage,	3132	582	

Resources and Services

- Collections: pathogens, vectors, reservoirs and samples of human and companion animals origin
- Services: Sample distribution, collections deposit, pathogen molecular typing and phylogenetic analysis

Tak	ole	1. Biotropical Resources collect	ions	
	٩A	Anopheles gambiae	13018	
PORTUGAL GHANA	HAN	Culex quinquifasciatus	1282	DEPC
	Other insects	691	Restric	
		Galba sp.	60	TCS(IIC)
		Radix spp.	50	Leve
		Physa sp.	30	Leve
		DNA <i>Galba truncatula</i>	13	Leve
		DNA Galba schirazensis	2	
	Ļ	RNA Rhipicephalus bursa	219	
	IGA	RNA Ixodes scapularis (cell line	14	
	L	IDEO)		
	OR	Kennel Cats blood	123	
MPLES	д_	Kennel Staff blood	25	INTEG
		Sera Positive (Antibodies anti-	1037	Sam
		Leptospira interrogans)		
		Sera Negative/Not Conclusive	3478	GDPR
	(Antibodies anti- <i>Leptospira</i>		GDFR	
		interrogans)		
Σ		Fecal swab (Children	215	





Portuguese microBiological Resource Center Network

- IMPLEMENTATION OF THE INFRASTRUCTURE AND BIOBANKING ACTIVITIES MEMBER OF THE PT-mBRCN, BIOBANCO.PT AT RNIE
- NATIONAL AND INTERNATIONAL DISSEMINATION AND NETWORKING
- FORMAL ESTABLISHMENT AS RESEARCH RESOURCE

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