

Lyon Biobank catalogue (CRB HCL)
(Data from January 1st 2024)

CRB EST : CBC BioTec Manager : Dr Isabelle ROUVET <i>Human Cell Lines / Cell Culture and other biospecimens</i>													
Collection	CIM10	Number of patients	Number of samples	Type of samples									
				Blood plasma, serum, amniotic fluid	Tissue	Fibroblasts	Myoblasts	Amniocytes	Trophoblasts	Lymphoblasts	Other cell type	PBMC	DNA
Type 1 diabetes		734	1022							+			+
Intellectual disabilities		233	570			+				+			+
Foetopathology and chromosomal abnormalities		8266	20133	+		+		+	+				+
Metabolic diseases		9120	25902		+	+	+	+	+	+			+
Extracellular matrix pathologies		996	3853		+	+	+						+
Elastin pathologies		47	156		+	+							+
Neurological or neuromuscular diseases		1551	10121		+	+	+						+
Brain tumors		80	207								+		+
Autoimmune diseases		1213	7417	+		+				+		+	+

CRB EST : NeuroBioTec

Manager : Pr Romain MARIGNIER

Biological fluids

Collection	CIM10	Number of patients	Number of samples	Type of samples								
				Serum	Plasma	CSF	Tissue	PBMC	DNA	RNA	Urine	Plasmapheresis
Stroke	I63	295	9431	4475	4207			248	500			
Achalasia	K22	102	1127	369	519				239			
Pituitary adenoma	D35.2	871	1437			141	1296					
Lung cancer	C34	63	1139	570	321				248			
Epilepsy	G40	171	2147	463	20	25	1322	315	2			
Acute myocardial infarction	I21	1478	23830	10390	9891			103	3446			
Cardiac insufficiency	I50	149	3877	1945	1338				594			
Rare lung diseases	J94.8	469	3313	2000	954				359			
Gestational trophoblastic diseases	O01 / D39.2	26	784	85	171		156	4	62	40	266	
Myasthenia	G70.0	161	1132	630	7	10		354				
Devic's neuromyelitis optica and related neurological disorders	G36	766	9064	5340	1895	289		933	607			15
Dysimmune neuropathies	G61 /	134	967	456	143	189		179				
Movement Neurodegenerative Pathologies (ALS, Parkinson's disease)	G12.2 / G20	168	1911	546	6	945		316				
Neuropediatric pathologies	G04.8 / G36	180	1196	485	35	466		210				
Psychiatric organ diseases	G35	1634	28299	18549	489	3060		5703	170	58	270	
Schizophrenia	Q69.6	23	23						23			
Multiple sclerosis	G04.8	3328	36376	16286	2417	8238		2105	7330			10
Ehlers-Danlos syndrome	Z00.6	161	1310	316	731			178	85			
Paraneoplastic neurologic syndromes	C37 / D15	20	268	205	118							
Controls	G30 / G 31.8 / F06.7	3054	29613	9730	11179	4384		755	3565			
Thymomas	C71	4387	21861	2072	2696	2639	12799	228	1317	110		

CRB EST : Tissu-Tumorotheque Est Manager : Dr Valérie HERVIEU <i>Tumoral and non-tumoral Tissue</i>					
Collection	CIM10	Number of patients	Number of samples	Type of samples	
				Frozen tissue <i>Tumoral tissue and non-tumoral adjacent tissue couple</i>	FFPE tissue blocks
Thoracic diseases : Including : Pulmonary adenocarcinoma, Epidermoid carcinoma, Large cells carcinoma, Small cells carcinoma, Carcinoma tumors, Other bronchial cancers, Thymic tumors, Mesothelioma, Non-tumor pulmonary pathology including interstitial lung disease		2593	7370	5282	2088
Pediatric diseases : Including pediatric tumors (lymphomas, sarcomas, osteosarcomas, nephroblastomas, neuroblastomas, rhabdomyosarcomas...), Non-tumor pediatric diseases		1243	2447	1585	862
Digestive diseases : Including Digestive system tumors (stomach, small intestine, colon, rectum), Digestive neuroendocrine tumors, Liver and bile duct tumors, Exocrine pancreatic tumors		3565	8744	6829	1915
Urology : Including male genital reproductive system tumor (testicle, prostate), Urinary system (kidney, bladder)		2088	5655	3969	1686
Brain tumors		645	898	828	70
Pituitary adenoma		256	262	262	-
Neuromuscular diseases		2778	6833	6833	-
Foetopathology		717	1602	1373	229
Sudden infant death syndrome		136	791	634	159
Degenerative brain diseases		165	5559	5559	-
Secondary bone cancer		90	94	94	-
Gestational trophoblastic diseases		26	202	98	104
Cardiovascular diseases (including heart transplant cohort of 549 patients)		591	2298	2292	6
Heart rhythm disorders		115	544	465	79
Non-pathological tissue		395	395	-	FFPE blocks and TMA blocks
Lung TMA : adenocarcinomas / epidermoid carcinomas		152 / 82	152 / 82	-	TMA blocks
Non-pathological lung TMA		100	100	-	TMA blocks
Glioblastoma TMA		20	20	-	TMA blocks
Non-pathological heart TMA		75	75	-	TMA blocks
Non-pathological muscles TMA		40	40	-	TMA blocks

CRB NORD Manager : Dr Vinca ICARD <i>Infectious diseases</i>															
Collection	CIM 10	Number of patients	Number of samples	Type of samples											
				EDTA plasma	Heparinate plasma	Citrate plasma	Whole blood	Dry cell pellets	PBMC in DMSO	Serum	Urine	Naso-pharyngeal swab	Naso-pharyngeal aspiration	Tracheo-bronchial swab	Broncho-alveolar lavage
HIV (« Novotec ») (treatment-naïve patients)		1075	9141	5098				3708	335						
Flu (« Antigrippe ») (Acute Influenza respiratory infections)		215	4951	1251		688	1016			1003		881	578	415	
COVID-19 (« Biocovid »)		2823	17340	2866	5027		5441		40	2809	852	187	16	58	35
Other respiratory viruses (« Respi »)		1017	1146									563	415	37	131
On demand : Any other infectious disease, All type of samples (« série d'échantillons »)															
Inflammation, auto-immunity et auto-inflammation (« I2AI »)		6	15		4					11					
Healthy controls : On demand															
Healthy controls (« AFP ») (influenza asymptomatic)		279	3590							2046		1542			
Viral samples (DNA/RNA, culture) On demand (collaboration with CNR of respiratory viruses and virology lab)															

CRB SUD

Manager : Pr Alexandra TRAVERSE-GLEHEN*Tumor Pathologies, auto immune pathologies, hematopoietic pathologies*

Collection	CIM10	Number of patients	Number of samples	Type of samples								
				Tissue	Dry cell pellets	DMSO	Trizol	Plasma	Serum	Buffy coat	Stool	Frottis
Myeloproliferative syndrome		225	1500		225	1158	109	8				
Myelodysplastic syndrome		60	121		27	80	14					
Acute myeloid leukemia		720	2797		998	1321	354	95				
Acute lymphoblastic leukemia		129	662		196	385	63	18				
Myeloma		336	479		7	470	2					
Malignant lymphoma		1822	17608	1917	4420	9017	653	1601				
Other hematologic diseases		1579	4570		236	528		52				
Digestive tumors		1338	10371	7215				239	2643	274		
Peritoneum tumors		1316	12086	1579				6414	3265	828		
Endocrine tumors		1603	3151	3151								
Tumors of urinary tract		1335	3005	3005								
Pediatric hematologic diseases		399	1501		611	669	218	3				
Gynecological tumors		485	966	966								
Eyes melanoma		28	37	37								
Skin tumors		3678	17045	6271		305		6943	3526			
Prostate tumors		262	553	553								
ENT tumors		15	19	19								