

Disease	No. of samples	Type of samples (PB-peripheral blood, BM-bone marrow, BS-bucal swab, IT-intestinal tissue, PBMNC-peripheral blood mononuclear cells, BMMNC-bone marrow mononuclear cells, GR-granulocytes, CS-Chromosome spreads)	DNA	RNA	cDNA	Protein	Availability of clinical data	Contact person
thalassemia syndromes	245	PB	Yes				Yes	Milena Ugrin, e-mail: milenaradmilovic@gmail.com
Phenylketonuria	65	PB	Yes				Yes	Maja Stojiljković, e-mail: maja.stojiljkovic@imgge.bg.ac.rs
Methylmalonic aciduria	4	PB, PBMNC	Yes	Yes	Yes		Yes	Maja Stojiljković, e-mail: maja.stojiljkovic@imgge.bg.ac.rs
Propionic aciduria	1	PB, PBMNC	Yes	Yes	Yes		Yes	Maja Stojiljković, e-mail: maja.stojiljkovic@imgge.bg.ac.rs
Maple Syrup Urine Disease	4	PB, PBMNC	Yes	Yes	Yes		Yes	Maja Stojiljković, e-mail: maja.stojiljkovic@imgge.bg.ac.rs
Congenital adrenal hyperplasia	50	PB	Yes				Yes	Maja Stojiljković, e-mail: maja.stojiljkovic@imgge.bg.ac.rs
Glycogen storage disease	30	PB, PBMNC	Yes	Yes	Yes		Yes	Maja Stojiljković, e-mail: maja.stojiljkovic@imgge.bg.ac.rs
Crohn's disease	80	PB, PBMNC, IT	Yes	Yes	Yes	Yes	Yes	Biljana Stanković, e-mail: bi.stankovic@gmail.com
Ulcerative colitis	100	PB, PBMNC, IT	Yes	Yes	Yes	Yes	Yes	Biljana Stanković, e-mail: bi.stankovic@gmail.com
Celiac disease	73	PB	Yes				Yes	Biljana Stanković, e-mail: bi.stankovic@gmail.com
Gaucher disease	40	PB	Yes				Yes	Maja Stojiljković, e-mail: maja.stojiljkovic@imgge.bg.ac.rs
Perthes disease	40	PB, PBMNC, Synovial fluid	Yes	Yes	Yes		Yes	Vesna Spasovski, e-mail: vesna.spasovski@imgge.bg.ac.rs

Rheumatoid arthritis	150	PB	Yes				Yes	Vesna Spasovski, e-mail: vesna.spasovski@imgge.bg.ac.rs
Gorlin syndrome	4	PBMNC, tissue	Yes	Yes	Yes		Yes	Vesna Spasovski, e-mail: vesna.spasovski@imgge.bg.ac.rs
Chronic lymphocytic leukemia adult	200	PB, PBMNC	Yes	Yes	Yes		Yes	Teodora Karan-Đurašević, e-mail: dora_karan@yahoo.com
Acute lymphoblastic leukemia childhood	300	PB, BM, PBMNC, BMMNC, blood smear	Yes	Yes	Yes		Yes	Nikola Kotur, e-mail: nikola0104@gmail.com
Acute myeloid leukemia adult	900	BM, BMMNC, PB, PBMNC, BS	Yes	Yes	Yes		Yes	Nataša Tošić, e-mail: natasa.tosic@imgge.bg.ac.rs
Multiple myeloma adult	350	BM, BMMNC	Yes	Yes	Yes		Yes	Nataša Tošić, e-mail: natasa.tosic@imgge.bg.ac.rs
Myeloproliferative neoplasms	480	PB, GR, PBMNC	Yes	Yes	Yes		No	Vesna Spasovski, e-mail: vesna.spasovski@imgge.bg.ac.rs
Epidermolysis bullosa	1	PB	Yes				Yes	Maja Stojiljković, e-mail: maja.stojiljkovic@imgge.bg.ac.rs
Systemic sclerosis	100	PB, PBMNC, serum	Yes	Yes	Yes		Yes	Vesna Spasovski, e-mail: vesna.spasovski@imgge.bg.ac.rs
Sarcoidosis	300	PB	Yes				Yes	Vesna Spasovski, e-mail: vesna.spasovski@imgge.bg.ac.rs
Tuberculosis	120	PB, PBMNC	Yes	Yes	Yes		Yes	Vesna Spasovski, e-mail: vesna.spasovski@imgge.bg.ac.rs
Idiopathic fibrosis pulmona lis	11	PB, PBMNC	Yes	Yes	Yes		Yes	Vesna Spasovski, e-mail: vesna.spasovski@imgge.bg.ac.rs
Primary ciliary dyskinesia	6	PB	Yes				Yes	Vesna Spasovski, e-mail: vesna.spasovski@imgge.bg.ac.rs
Tinnitus	8	PB	Yes				Yes	Vesna Spasovski, e-mail: vesna.spasovski@imgge.bg.ac.rs
HOBP + alpha 1-antitrypsin deficiency	1	PB	Yes				Yes	Vesna Spasovski, e-mail: vesna.spasovski@imgge.bg.ac.rs
Primary pulmonary hypertension	15	PB	Yes				Yes	Vesna Spasovski, e-mail: vesna.spasovski@imgge.bg.ac.rs

Diabetes mellitus type 1	4	PB	Yes				Yes	Sonja Pavlović, e-mail: sonya@sezampro.rs
22q11.2 deletion syndrome	38	DNA, PB, CS					Yes	Danijela Drakulic, e-mail: danijeladrakulic@imgge.bg.ac.rs
Angelman syndrome	7	CS					Yes	Danijela Drakulic, e-mail: danijeladrakulic@imgge.bg.ac.rs
Prader-Willi syndrome	4	CS					Yes	Danijela Drakulic, e-mail: danijeladrakulic@imgge.bg.ac.rs