

1. General Information

Cohort ID	6003_09
Title (Study Name)	Oncology collection – (2013 – 2019)
Principal investigator	Prof. Hellmut Samonigg
Contact information	pm-biobank@medunigraz.at

2. Description

<p>Blood samples have been collected from patients diagnosed with cancer at the oncology department. At the moment 259 310 aliquots collected from 8103 patients are stored in the Biobank.</p> <p>The distribution of the malignant neoplasms reflects the frequency of malignant neoplasms at the university hospital / in the Styrian population.</p> <p>From a total number of 8103 cancer patients, 3642 of them have been categorized and listed in a table (see section 5), corresponding to the most frequent types of cancer.</p>
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3. Details

ICD 10/O codes / Healthy	See table below in section 5	
Key words	Blood – cancer patients – solid tumors	
Collection / Cohort size <i>(end 2019)</i>	259 310 aliquots - 8103 patients – follow-up visits	
Informed Consent (IC)	<input checked="" type="checkbox"/> Broad Biobank IC	
	<input type="checkbox"/> Specific Study IC	
Status	<input checked="" type="checkbox"/> In progress / compl. date: open	
	<input type="checkbox"/> Completed	
Inclusion criteria	Age distribution	≥ 18
	Sex distribution	~ 50:50
	Others	Patients with cancer
Access type	<input type="checkbox"/> Cooperation only <input checked="" type="checkbox"/> Cooperation preferred	
Earliest access	As of now	
Quality-standards	<input type="checkbox"/> CEN/TS <input checked="" type="checkbox"/> ISO 9001:2015 (SOPs)	

4. Material available (aliquot size) and storage conditions

Material	<input checked="" type="checkbox"/> Serum (235 µl) – 246 679 aliquots	<input checked="" type="checkbox"/> -80°C	<input type="checkbox"/> liq. N ₂
	<input checked="" type="checkbox"/> Plasma (580 µl) – 5341 aliquots	<input checked="" type="checkbox"/> -80°C	<input type="checkbox"/> liq. N ₂
	<input checked="" type="checkbox"/> Buffy coat (300 µl) – 1823 aliquots	<input checked="" type="checkbox"/> -80°C	<input type="checkbox"/> liq. N ₂
	<input checked="" type="checkbox"/> Whole blood (580 µl) – 8797 aliquots	<input checked="" type="checkbox"/> -80°C	

5. Additional information

The most frequent diagnoses (n= 3643/8103) of the cohort are grouped by ICD 10 code and listed in the table below. Informed consents are available for all 3643 sample donors.

Most frequent diagnoses		
ICD 10	Malignant neoplasm - grouped by site	Sample donors (collection period 2013 – 2019)
C50	Breast	1465
C15-C26	Digestive organs	1221
C60-C63	Male genital organs	490
C64-C68	Urinary organs	147
C30-C39	Respiratory system and intrathoracic organs	106
C76-C80	Secondary and ill-defined	59
C45-C49	Connective and soft tissue	59
D00-D09	In-situ neoplasms	37
D37-D48	Neoplasms of uncertain or unknown behavior	22
C00-C14	Malignant neoplasms of the lip, oral cavity and pharynx	17
C40-C41	Malignant neoplasms of bones and joint cartilage	15
C73-C75	Malignant neoplasms of the thyroid gland and other endocrine glands	5
		Total: 3643