

1. General Information

Cohort ID	6002_14
Title (Study Name)	Myeloid Neoplasias Collection
Principal investigator	Prof. Heinz Sill
Contact information	pm-biobank@medunigraz.at
Funding agency	-----

2. Description

High-quality specimens of myeloid neoplasias (MN) with a specific focus on acute myeloid leukemia (AML). Specimens are derived from either bone marrow or peripheral blood, enriched for mononuclear cells and stored in DMSO in liquid nitrogen thus enabling various analytical and functional experiments including patient-derived xenografts. Specimens are usually obtained at diagnosis, remission or refractory disease, and relapse. Clinical and genetic/NGS data as well as information about therapeutic regimens administered are available for each sample.

3. Details

ICD 10/O codes / Healthy	C92.-, C93, D46.-, C93.10/C93.11, C92.1, D45, D47.3	
Key words	myeloid neoplasias (MN), acute myeloid leukemia (AML), myelodysplastic syndrome (MDS), chronic myelomonocytic leukemia (CMML), myeloproliferative neoplasias (MPN)	
Collection / Cohort size	Approx. 300 subjects with AML 100 subjects with MDS and MPN	
Informed Consent (IC)	<input type="checkbox"/> Broad Biobank IC	
	<input checked="" 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 (f:m)	~ 50:50
Earliest access	As of now	
Quality-standards	<input checked="" type="checkbox"/> ISO 9001:2015 (SOPs)	
Associated publications / references	visit: https://www.medunigraz.at/universitaetskliniken/innere-medizin/haematologie/forschung/myeloid-cells-leukemia	

4. Material available (aliquot size) and storage conditions

Material	<input checked="" type="checkbox"/> EDTA Buffy coat / Mononuclear cells	<input checked="" type="checkbox"/> -80°C	<input checked="" type="checkbox"/> liq. N ₂
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