

1. General Information

Cohort ID	5009_20
Title (Study Name)	Testicular Cancer Cohort
Principal investigator	Prof. Martin Pichler
Contact information	pm-biobank@medunigraz.at
Funding agency	-----

2. Description

Patients with stage I germ cell tumors are relapsing in up to 30 to 50 percent of cases. Therefore, the discovery of novel biomarkers may predict the relapse early, help to detect metastases, and may be helpful in improving the outcome of these patients. The aim of this cohort study is to discover novel diagnostic biomarkers and to validate the value of miR-371 in detecting relapse in stage I germ cell cancer patients.

3. Details

ICD 10/O codes / Healthy	C62	
Key words	Testicular cancer, stage I, diagnostic tumor markers	
Collection / Cohort size 12/2023	954 aliquots from 53 patients	
Informed Consent (IC)	<input checked="" type="checkbox"/> Broad Biobank IC	
	<input checked="" type="checkbox"/> Specific Study IC	
Status	<input checked="" type="checkbox"/> In progress / compl. date: 12/2030	
	<input type="checkbox"/> Completed	
Inclusion criteria	Age distribution	18+
	Sex distribution (f:m)	100% male
	Others	-----
Earliest access	As of now	
Quality-standards	<input checked="" type="checkbox"/> ISO 9001:2015 (SOPs)	
Associated publications / references	<p><u>Serum Levels of MicroRNA-371a-3p (M371 Test) as a New Biomarker of Testicular Germ Cell Tumors: Results of a Prospective Multicentric Study</u> Dieckmann KP, Radtke A, Geczi L, Matthies C, Anheuser P, Eckardt U, Sommer J, Zengerling F, Trenti E, Pichler R, Belz H, Zastrow S, Winter A, Melchior S, Hammel J, Kranz J, Bolten M, Krege S, Haben B, Loidl W, Ruf CG, Heinzlbecker J, Heidenreich A, Cremers JF, Oing C, Hermanns T, Fankhauser CD, Gillissen S, Reichegger H, Cathomas R, Pichler M, Hentrich M, Eredics K, Lorch A, Wülfing C, Peine S, Wosniok W, Bokemeyer C, Belge G. https://pubmed.ncbi.nlm.nih.gov/30875280/</p>	

4. Material available (aliquot size) and storage conditions

Material	<input checked="" type="checkbox"/> Serum (580 µl)	<input checked="" type="checkbox"/> -80°C
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Dokument erstellt (tt/mm/yyyy):
23/02/2021

Letzte inhaltliche Aktualisierung (tt/mm/yyyy):
19/03/2024