

| | | |
|---|---|------------------------|
|  | O-FIS Qualitätsmanagementsystem Formblatt Collection and Cohort Profile | CL312 Seite 1 von 1 |
|---|---|------------------------|

1. General Information

| | |
|-------------------------------|--|
| Cohort ID | 5001_12 |
| Title (Study Name) | KIWI-Collection |
| Principal investigator | Prim. Dr. Michael Schenk, MAS |
| Contact information | biobank-pm@medunigraz.at |
| Funding agency | FFG |

2. Description

In this project samples of patients receiving fertility treatment in terms of assisted reproductive technologies are collected and stored at the Biobank Graz under standardized circumstances. The collection comprises samples of blood serum, follicular fluid, cumulus cells, embryo culture supernatant and seminal plasma. The aim of the study is to establish a database of infertile couples to facilitate scientific approaches to improve the success of fertility treatments.

3. Details

| | | |
|--|--|-----------------------------------|
| ICD 10/O codes / Healthy | Z31.2 (In vitro fertilisation) | |
| Key words | Fertility; reproductive medicine; IVF; follicular fluid; cumulus cells | |
| Collection / Cohort size <i>(end 2019)</i> | 48 714 aliquots from ~ 450 couples | |
| 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 end | |
| | <input type="checkbox"/> Completed | |
| Inclusion criteria | Age distribution | 18-45 |
| | Sex distribution (f:m) | ~ 50:50 |
| | Others | patients with fertility treatment |
| Access type | <input type="checkbox"/> Cooperation only <input checked="" type="checkbox"/> Cooperation preferred | |
| Earliest access | August 2018 | |
| Quality-standards | <input checked="" type="checkbox"/> CEN/TS <input checked="" type="checkbox"/> ISO 9001:2015 (SOPs) | |
| Associated publications / references | Schenk, M. et al. Biobanking of different body fluids within the frame of IVF-a standard operating procedure to improve reproductive biology research. J. Assist. Reprod. Genet. (2016). doi:10.1007/s10815-016-0847-5 | |

4. Material available (aliquot size) and storage conditions

| | | | | |
|-----------------|--|--|---|--|
| Material | <input checked="" type="checkbox"/> Blood serum | | <input checked="" type="checkbox"/> -80°C | <input type="checkbox"/> liq. N ₂ |
| | <input checked="" type="checkbox"/> Follicular fluid | | <input checked="" type="checkbox"/> -80°C | <input type="checkbox"/> liq. N ₂ |
| | <input checked="" type="checkbox"/> Cumulus cells | | <input checked="" type="checkbox"/> -80°C | <input type="checkbox"/> liq. N ₂ |
| | <input checked="" type="checkbox"/> Embryo culture supernatant | | <input checked="" type="checkbox"/> -80°C | <input type="checkbox"/> liq. N ₂ |
| | <input checked="" type="checkbox"/> Seminal plasma | | <input checked="" type="checkbox"/> -80°C | <input type="checkbox"/> liq. N |