**Lay out of the cohort information for the CITB Biobank**

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| **Biobank Name**  | Banque genevoise pédiatrique pour la recherche en Onco-hématologie (BaHOP)  |
| **Principal Investigator** | Prof .Marc Ansari  |
| **E-mail** | bahop@cansearch.chveneranda.mattiello@hcuge.chdenis.marino@unige.ch |
| **Address**  | Département de la femme de l’enfant et de l’adolescentService de Pédiatrie GénéraleUnité d'oncologie et hématologie pédiatriqueRue Willy-Donzé 61211 Geneva, Switzerland  |
| **Institution**  | Hôpitaux Universitaires GenèveUniversité de Genève  |
| **Biobank description**  | BaHOP houses a disease-focused biobank. It is a liquid, human, public owned biobank established to promote research to improve prevention, diagnosis, and therapy in the field of pediatric oncology, hematology, and immunology diseases. |
| **Type**  | Disease specific – Longitudinal – Hospital-based – Rare disease collection |
| **Size**  | Moderate size (< 1000 cases) poly-user biobank |
| **Gender**  | Both  |
| **Age**  | Pediatric and adult population (survivors of pediatric cancer) |
| **Storage temperature**  | Minus -80 C  |
| **Material types**  | Plasma – serum – urine – whole blood RNA (PaxGene) – whole blood DNA – PBMC – whole bone marrow & bone marrow mononuclear cells - cerebrospinal fluid (CSF) |
| **Available data**  | Health-related, personal and/or pre-analytical, biological data  |
| **Available diagnosis**  | YES  |
| **Sample access rules**  | Open to applicants for research |
| **Ethical committee: CER number**  | PB\_2017-00533, accredited by the Swiss Biobanking Platform |
| **Commercial collaboration**  | No  |
| **Non-for profit collaboration**  | Yes  |
| **Description of cohort**  | Biological resources are collected from:* Patients, aged from 0 to 20 years, with active or treated hematological, immunological or oncological disease, as well as cancer predisposing conditions, followed in the Pediatric Onco-hematology Unit of the University Hospitals of Geneva, in one of the centers associated with the SPOG, or by the RSCE.
* Parents and siblings of the patients followed in the Pediatric Onco-hematology Unit of the HUG
* Survivors of cancer diagnosed between 0 and 20 years of age.
* Patients aged between 0 and 20 years treated in other pediatric onco-hematology centers abroad and registered in a research project conducted within the CANSEARCH Research laboratory and having consented to the banking of biological resources in BaHOP.
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