

Resource Summary Report

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Tumorbank Basel Foundation

RRID:SCR_004962

Type: Tool

Proper Citation

Tumorbank Basel Foundation (RRID:SCR_004962)

Resource Information

URL: <http://www.tumorbank.org/index.php>

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Description: Since 1995 the Tumorbank Basel Foundation (German: Stiftung Tumorbank Basel) is a non-for-profit foundation acting in cancer translation research. The purpose of the Tumorbank Basel Foundation is to support in promoting optimization of decision making process for the management of solid cancer personalized treatment modalities to the benefit of the patient. Our Aims: * Acquisition and storage of biological material and clinical data of patients suffering of solid cancer diseases in particular breast and prostate cancer. * Promoting and supporting cancer research using the acquired material and data for clinical studies and translational research. * The development of molecular tumor analyses / tools for cancer patients and the performance of the resulting diagnostic services for personalized treatment modalities. The Tumorbank Basel Foundation has acquired * Data about more than 10"000 breast cancer patients * Data comprise clinical and pathological (histology & IHC) characteristics and biochemical (continuous quantified protein expression levels) features, which are available for almost all samples as well as clinical follow-ups now available for more than 2"000 patients * The RNA expression level of 65 genes has been assessed in >800 samples by Real-Time PCR (317 retrospectively in cases with follow-up, the remaining on a routine basis, prospectively since 2004) The Tumorbank Basel Foundation is storing in Freezers at - 80 degrees C * Ca. 6"000 fresh frozen tissue samples of breast cancer patients * Ca. 9"000 particulate fractions (cytosol / membrane) of all samples analyzed * Ca. 1"000 paired non-malignant adjacent tissue material samples * More than 1"000 extracted RNA samples of good quality * Serum and plasma collection from patients has been started since 2005 All data are stored in a relational SQL data bank using an application. The Tumorbank Basel Foundation is collaborating with several pathology institutes allowing to perform studies correlating results obtained from fresh frozen and paired paraffin embedded tissue samples. The Tumorbank Basel Foundation has started a prostate carcinoma project in Collaboration with the ZeTup (www.zetup.ch) and pathology institute of St. Gallen. Fresh frozen samples of more than 150 prostate carcinoma patients have been collected and are under investigation.

Abbreviations: Tumorbank Basel Foundation

Synonyms: Stiftung Tumorbank Basel

Resource Type: biomaterial supply resource, material resource, tissue bank

Keywords: tissue, tumor tissue, serum, plasma, rna, particulate fraction, clinical data, frozen, fresh frozen, paraffin embedded, cancer, breast cancer, prostate cancer, solid cancer disease

Related Condition: Cancer, Breast cancer, Prostate cancer, Solid cancer disease

Availability: Collaborators: The Tumorbank Basel Foundation is collaborating with several pathology institutes allowing to perform studies correlating results obtained from fresh frozen and paired paraffin embedded tissue samples.

Resource Name: Tumorbank Basel Foundation

Resource ID: SCR_004962

Alternate IDs: nlx_143986

Record Creation Time: 20220129T080227+0000

Record Last Update: 20260727T040357+0000

Ratings and Alerts

No rating or validation information has been found for Tumorbank Basel Foundation.

No alerts have been found for Tumorbank Basel Foundation.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.