

## **Biobank access policy that boosts the cancer center biosample usage and elevates the institutional research level**

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**Aim:** To provide an institutional biosample access policy for request, to use the resource efficiently, to contribute to the basic and translational research, and to increase research level. **Methods:** A standard biosample request and distribution procedure has been established for: 1) granted project within institution; 2) break through project by young scientists/physicians; 3) cooperations within Fudan University; 4) cooperation with other academic institute and universities; 5) cooperation with international academic institute and universities. Access of international cooperation should be approved by Chinese Government, the Ministry of Science and Technology. Quality of the samples has been feedbacked to biobank. Scientific publications have been analyzed statistically. Any methods to mention the biobank contribution including direct biobank citation, information about biosample derivation, co-author inclusion, and acknowledgement to biobank staff have been deemed to biobank recognition. **Results:** Totally 137,500 samples have been collected, processed and banked, including 94,500 blood samples and 43,000 tumor samples (tumor and adjacent normal tissue). Altogether 1,240,000 vials have been banked. In addition, 4,300 samples are project driven collection. From 2013, routine DNA extraction is performed for all blood samples. After operation of the institutional biobank, 85,000 vial samples have been distributed to 351 projects. And 346 scientific articles have been published. **Conclusions:** Through setting up an institutional biobank a standard sample access policy is created. The existence of the biobank provides an efficient path for sample procurement and distribution. The whole institutional scientific level has been elevated.