

This questionnaire is meant to make an inventory of European biobanks for the Biobanking and Biomolecular Resources Research Infrastructure (BBMRI). The aim of this supplement is to have a rough estimation of the structural costs of a biobank in terms of personnel and equipment and an estimation of the funding received to cover these costs. If possible, please complete the questionnaire electronically. Should you have any questions or comments, it will be a pleasure to assist you (*our coordinates are at the end of the form*).

Note: This supplement is confidential and will only be used for planning purposes within BBMRI.

## S1. GENERAL INFORMATION

### S1.1 Name of the biobank

What is the name of the biobank?

Complete name: Virtual Biobank Cost Q Model

**Acronym (if applicable):** \_\_\_\_\_

### S1.2 Web Site

What is the Web address where information on the biobank is made available?

Web site address \_\_\_\_\_

### S1.3 Contact

Please specify contact details for website users that wish to obtain further information.

Name: \_\_\_\_\_

Institution: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_

Email: \_\_\_\_\_

Role with respect to the biobank: \_\_\_\_\_

**NB: concerning the costs per year of sample handling and preparation (S2.3 and S2.7): please note that these questions will be analysed with the number of sample that you will have mentioned in the core questionnaire and collection questionnaires (4.2 Number of collected biological samples)**

## S2. ESTIMATED COSTS OF THE BIOBANK (EURO)

### S2.1 Human Resources

Please specify the costs in € of personnel currently implicated in the collection, preparation and storage of biological material, in research and IT.

**For administration: 3 half-time employee => FTE = 3 \* 0,5 = 1,5  
Total Salary = FTE \* Salary per year : = 1.5\*46000 = 69000 €**

Personnel	Total salary (costs per year)	FTE (Full Time Equivalent)	Total number of employees	Training costs
Researchers / MDs	140 000 €	2	2	10 000 €
Engineers / technicians	175 000 €	2.5	3	15 000 €
Quality managers	50 000 €	1	1	0 €
<b>Administration</b>	<b>69 000 €</b>	<b>1.5</b>	<b>3</b>	<b>3000 €</b>

**Training cost per year for all 3 administrative employees.**

### S2.2 Cost of equipment at initial investment

Please specify the costs in € of your equipment at initial investment.

Equipment	Total cost	Total number	Year of investment	Maintenance of equipment per year
Nitrogen tanks	45 000 €	3	2001	3000 €
Freezers	80 000 €	8	2002	12 000 €
Security devices, robots	€			€
IT equipment	€			€

**Total cost of the 3 tanks = 3\*15000 = 45000 €----- maintenance for 3 tanks = 3000**

### S2.3 Cost of sample handling per year

Please specify the estimated cost of chemicals and products for sample handling and cell derivative preparation:

Total cost: 10 000 €

**This includes the price of chemical solutions, products ... necessary for sample handling.  
It excludes cell derivatives preparation (DNA, RNA, protein...) Cf. S2.7.**

### S2.4 Cost for future investment (5 years prospective)

Please specify the estimated cost of future investments within the next five years.

Total cost for:

**1 administrative employee = 46000 \* 5 yrs = 230 000 €**

Personnel (new positions to be created): 230 000 €

High-cost equipment (to be acquired): 30 000 €

**2 nitrogene tanks to be aquired = 2\* 15000 = 30 000 €**

## S2.5 Operating expenses per year

Please specify your operating expenses per year.

Total cost for:

Gases: \_\_\_\_\_ €

Office cost (administration, electricity, etc.): \_\_\_\_\_ €

Transport and dissemination (incoming and outbound transport, distribution costs, etc.): \_\_\_\_\_ €

Other costs (Software, scientific engagement...): \_\_\_\_\_ €

## S2.6 Building costs per year

Please specify your building costs per year.

Size of biobank: \_\_\_\_\_ m<sup>2</sup>

Total cost for: Rent: \_\_\_\_\_ €

Loans: \_\_\_\_\_ €

Others: \_\_\_\_\_ €

## S2.7 Transformation costs per year

Please specify your estimated cost of the transformation of the biological resources in the biobank (per year).

Total cost: \_\_\_\_\_ 500 000 €

**Total cost per year of material necessary for DNA, RNA and protein preparation.**

## S2.8 Network costs

For dispersed biobanks, please specify the cost of creating and the cost of maintaining this network per year.

Not applicable

Total cost of network creation: \_\_\_\_\_ €

Total cost of network maintenance: \_\_\_\_\_ € per year

## S2.9 Cost of research programs

Please specify the estimated cost of research programs using collections of the biobank per year.

For case-related studies: Estimated total cost: \_\_\_\_\_ 660 000 € Number of research projects: 3

For population based studies: Estimated total cost: \_\_\_\_\_ 0 € Number of research projects: 0

For research on biobank techniques and services: Estimated total cost: \_\_\_\_\_ 100 000 € Number of research projects: 1

**Total cost of all 3 related case studies**

## S2.10 Estimated impact of ELSI

Please specify the cost of compliance to regulatory aspects. Total cost: \_\_\_\_\_ €

Please comment briefly on the impact of ELSI in terms of costs and benefits:

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## S3. Funding of structural costs

### S3.1 Funding

Please specify how your biobank obtains funding of the structural costs.

✓	Type of funder	Amount	Percentage of total cost
<input type="checkbox"/>	Funding by the host institution	€	%
<input type="checkbox"/>	Direct public funds	€	%
<input type="checkbox"/>	Direct private funds	€	%
<input type="checkbox"/>	Indirect funding by research grants	€	%
<input type="checkbox"/>	Cost recovery	€	%
<input type="checkbox"/>	Other:	€	%

### S3.2 Cost recovery

In case of cost recovery, who are the users of the biobank?

Not applicable

yes no

- Public institutions  
  Private non-profit institutions  
  Private profit institutions

In case of deficit, please comment:

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### S3.3 Funding scheme

Please describe in a few sentences the funding scheme of the biobank.

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## S4. COMMENTS

Please feel free to give us any further information.

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### AUTHORIZATION FROM CONTRIBUTORS

I agree and understand that the information collected in this form will be processed and stored by BBMRI and will be used for planning purposes. At any time, I can ask that my data are updated, corrected or withdrawn by contacting the BBMRI coordinator Kurt Zatloukal ([kurt.zatloukal@meduni-graz.at](mailto:kurt.zatloukal@meduni-graz.at)).

I obtained all the authorizations pertaining to sensitive information disclosed in the questionnaire, prior to filling the form.

Yes No

The BBMRI consortium thanks you for your time and your participation!

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