



**Junta de Andalucía**

Consejería de Salud y Consumo

Biobanco del Sistema Sanitario  
Público de Andalucía

V.14\_ENG Updated: 12/04/2023

<b>SERVICE REQUEST</b> Processing and custody services	Application code:
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### Principal Investigator's Contact Details

First name and surname	
NIE/ NIF/Passport	
Service/Department	
Institution	
Postal address	
Telephone number	
E-mail address	
Project	

Do you belong to an Instituto de Investigación Sanitaria (ISCIII)? Yes  No

Which one? \_\_\_\_\_

### Authorised contacts

Name and surname	Email address	Phone number

### Tax Data / Electronic Invoice Data

Company name	
VAT/ CIF	
Tax address	
Managing Body	(Code/Description)
Accounting Office	(Code/Description)
Processing Unit	(Code/Description)
Proposing Body	(Code/Description)

Signature
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*In compliance with the contents of EU General Data Protection Regulation 2016/679 and Organic Law 3/2018 of 5 December, the General Directorate of Healthcare and Health Outcomes of the Andalusian Health Service advises you that the personal information you provide will be used for the purpose of managing requests for services provided by the SSPA Biobank. You can exercise your right to access, correct, contest, or remove your data, and any other rights recognized by current regulations, as explained in detail elsewhere\*.*

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Check all that apply indicating the number of samples:

SERVICE YOU ARE INTEREST IN:	NUMBER OF SAMPLES	OBSERVATIONS
<b>Processed/Transformed samples</b>		
Tissue freezing with cryopreservant		
Freezing tissue without cryopreservative		
Tissue or cell inclusion in paraffin		
Extraction of DNA from cells		
Extraction of RNA from cells		
Section in frozen tube		
Section in fixed tube		
Frozen slide section		
Cells fixed on slides by centrifuge		
Cells fixed on slides manually		
HMSC-conditioned media generation		
Adaptation of hPSCs cells in culture of 1:3 matrigel in T25 bottles, using a selective pass with magnifying glass pipette		
Supplement 1 cytogenetics. Confluence 50%. 1 day		
Supplement 2 cytogenetics. Confluence <40%. 1 day		
Extraction of DNA from fresh or frozen tissue		
Extraction of DNA from tissue fixed and included in paraffin (FFPE)		
Extraction of tissue RNA		
Blood DNA extraction (3.5-5.0 ml)		
Blood DNA extraction (7.5-10.0 ml)		
Extraction of blood RNA		
Blood aliquoted in FTA		
Blood processing and the provision of PBMCs		
Saliva DNA extraction		
DNA normalization		
DNA concentration		
Retrotranscription		
Treatment of RNA with DNase		
Chondrogenic differentiation of mesenchymal cells		
Adipogenic differentiation of mesenchymal cells		
Osteogenic differentiation of mesenchymal cells		
Freezing cells with programmable cryofreeze (15-		

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	20 vials delivered on the same day)		
	Blood fractionation for plasma collection		
	Blood fractionation and the provision of a buffy coat and/or RBCs		
	Obtaining serum		
	Urine fractionation (up to 50 ml)		
	Aliquot in pre-coded tube of liquid samples (up to 500 µl ); price per aliquot		
	Aliquot in pre-coded tube of liquid samples (up to 1000 µl); price per aliquot		
	Aliquot in uncoded tube of liquid samples (up to 1000 µl); price per aliquot		
	Blood fractionation and the recovery of cell fractions		
	Section on slides fixed for immunohistochemistry		
	Section on slides fixed for histochemistry		
	Extraction of circulating nucleic acids		
	Tissue/cell matrix (MTA) construction without area selection		
	Tissue/cell matrix (MTA) construction with area selection		
	Tissue/cell matrix (MTA) construction with area selection and section gain		
	Extraction of included in paraffin tissue RNA		
	DNA extraction from small volumes (blood)		
	DNA extraction from small volumes (cells)		
<b>Processed/Characterization samples</b>			
	Histochemical staining (Hematoxylin-Eosin) for sections fixed on slides		
	Obtaining digital images		
	Manual morphological and/or phenotypic assessment of a tissue matrix		
	Manual morphological and/or phenotypic assessment of histological or cytological section		
	Automated morphological and/or phenotypic assessment of a histological or cytological section		
	Automated valuation of a tissue matrix (TMA)		
	Conventional cytogenetics in humans		
	Conventional murine cytogenetics		
	Conventional cytogenetics in blood and bone marrow		
	Human spectral cariotype (SKY)		
	Murine spectral cariotype (SKY)		
	Human fluorescent in situ hybridization (FISH)		

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	Gene expression test		
	Gene amplification		
	Quantitative gene amplification		
	Conventional cytogenetics in humans (sample delivered in metaphase)		
	Adipogenic staining		
	Osteogenic staining		
	Cell marking for flow cytometry		
	Immunohistochemical staining		
	Histochemical staining (Hematoxylin-Eosin) for sections of frozen tissue		
	Histochemical staining (Blue Alcían) for sections fixed on slides		
	Human spectral karyotype (SKY) (sample delivered in metaphase)		
	Calculation of the modal number per sample		
<b>Processing/Quality Control</b>			
	Quantification by DNA spectrophotometry		
	Quantification by DNA fluorimetry		
	DNA integrity analysis		
	PCR DNA functionality analysis		
	Quantification of RNA using spectrophotometry		
	Bioanalyzer RNA integrity analysis		
	Detecting mycoplasma in cell lines		
	Quantification using DNA fluorimetry (Qubit)		
	Expansion of pluripotent cell culture over Feeders		
	Expansion of pluripotent cell culture over Matrigel		
	Normal cell culture expansion. Mesenchymal		
	Normal cell culture expansion. Human Fibroblasts (HEFs)		
	Expansion of tumor cell culture		
	Viability control with blue triptan in a Neubauer chamber		
	Viability control using ADAM cell counter		
	Genetic fingerprint (10 STRS)		
	Genetic fingerprint for database registration (10 STRS)		
	Genetic fingerprint review, two-line comparison		
	Quantification of AANN by spectrophotometry using NanoDrop One		
	DNA fragment analysis in agarose		
	DNA integrity analysis by bioanalyser (DIN)		

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Animal and celular processing/Experimentation		
Subcutaneous injection of cell lines into mice		
Intratesticular injection of cell lines into mice		
Intraperitoneal injection of cell lines into mice		
Blood draw from mice in experimentation		
Mouse ear biopsy in experimentation		
Maintenance and monitoring of mice (daily rate)		
Mouse sacrifice and tumor collection		
Mouse necropsy (autopsy)		
Animal experimentation, cell cultivation, cell proliferation		
Removal of fresh tissue		
Sample Custody		
Sample custody -190°C (annual cost per sample)		
Sample custody -80°C (annual cost per sample)		
Sample custody -20°C (annual cost per sample)		
Custody of samples 4°C (annual cost per sample)		
Custody of samples at room temperature		
Record of samples in custody		
Sample output in custody		
Sample input/output management (custom service)		
Management of healthcare file samples for EECC		
Fresh sample management for EECC		

If you do not find the required service, please indicate below what you require:

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This form can be sent by regular mail or by e-mail to any of the following addresses:

**Andalusian Public Health System Biobank**

Name and address of the Node:

Telephone number:

E-mail address:

**Andalusian Public Health System Biobank**

Parque Tecnológico Ciencias de la Salud

Centro de Investigación Biomédica

Avda. del Conocimiento s/n

18016 Granada • Spain

Telephone: 0034 958 894 672

E-mail address: [biobanco.sspa@juntadeandalucia.es](mailto:biobanco.sspa@juntadeandalucia.es)

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