

## CY- Biobank (HORIZON 2020 – Teaming)



The CY-Biobank project will enable the concentration of a critical mass of experts at the CoE who will be thrilled to establishing collaborations and offering technology infrastructure and know-how to young investigators and medical doctors who are interested in pursuing innovative research projects. Center of Excellence biobank.cy aspires to serve as an incubator of creative ideas for research based on valid and sound scientific hypotheses. At the CoE you will find postdoctoral fellows and graduate students working side by side with UCY faculty, medical doctors and other experienced researchers, pursuing projects of translational medicine, always aimed at serving the patient.

More information: <https://biobank.cy>

MSc (CE) Biobanking Contents & Lectures UCY			
MODULE	LECTURE	CONTENT	LECTURER
2_Ethics and Law	2.2_Law in general (in context to biobanking)	<ul style="list-style-type: none"> <li>• Medicine Law, Ö-AMG, CH-Medicine law</li> <li>• Medical products law</li> <li>• Data protection</li> <li>• Patent protection</li> </ul>	Georgia Charalambidou, PhD
	2.3_Law in biobanking	Legal aspects especially for biobanks	Georgia Charalambidou, PhD
5_Biobanking IT	5.4_Bioinformatics and biobank statistics and strategy	<ul style="list-style-type: none"> <li>• Bioinformatics</li> <li>• Biobank statistics and strategy:                             <ul style="list-style-type: none"> <li>- Specific requirements for the collection (population,...)</li> <li>- Minimal number of samples for storing in a biobank</li> <li>- Statistical power</li> </ul> </li> </ul>	Elena Loizidou, PhD Apostolos Malatras, PhD
14_ International Bioanking	14.1_Challenges of International Cooperations in biobanking Part I:	Challenges of International Cooperations in biobanking Part I: - Challenges in Ethics and Law - Challenges in Collection and Management of Samples	Georgia Charalambidou, PhD Prof. Constantinos Deltas
	14.2_Challenges of International Cooperations in biobanking Part II:	Challenges of International Cooperations in biobanking Part I: - Challenges in Biobanking IT - International Cohort building in Epidemiology - Clinical Studies and biobanking research interrelations	Apostolos Malatras, PhD Elena Loizidou, PhD Prof. Constantinos Deltas