

# Tissue Banking & Advanced Therapies

Online: 11<sup>th</sup> April - 11<sup>th</sup> June 2023



Course developed following the *Guide to the quality and safety of tissues and cells for human application*, European Committee (Partial Agreement) on Organ Transplantation, EDQM, Council of Europe.

## IN COLLABORATION WITH

- American Association of Tissue Banks (AATB)
- Asociación Española de Bancos de Tejidos (AEBT)
- British Association for Tissue Banking (BATB)
- Centro Nazionale per i Trapianti (CNT)
- European Association for Cardio-Thoracic Surgery (EACTS)
- European Association of Tissue Banks (EATB)
- European Eye Bank Association (EEBA)
- Foundation of European Tissue Banks (SEGB)
- Japanese Society for Tissue Transplantation (JSTT)
- Latin American Association of Tissue Banking (ALaBaT)
- National Centre of Cell and Tissue Banking – Medical University of Warsaw
- Organización Nacional de Trasplantes (ONT)
- Organització Catalana de Trasplantaments (OCATT)
- Red Española de Terapia Celular (TerCel)
- Sociedad Española de Terapia Génica y Celular (SETGYC)
- The Society for Heart Valve Disease (SHVD)
- Transplantation Society of Australia and New Zealand (TSANZ)

## ONLINE TRAINING

The course aims at responding to a growing demand of professionals for continuing education in tissue banking and advanced therapies. The course provides the opportunity to build knowledge and competences in the development of the newest tissue banking practices, advanced therapies and blood banking.

## CONTENTS

- Tissue donor detection and selection criteria
- Ethical and regulatory issues in tissue banking
- Quality management in tissue banking
- Sterilization of tissue grafts
- Eye banking
- Cardiovascular banking
- Musculoskeletal banking
- Skin banking
- Advanced therapies
- Stem cells and cord blood banking
- Gamete banking
- Tissue living donation
- Tissue and eye banking today
- Legal, ethical and regulatory aspects
- Quality management
- Traceability and biovigilance
- Detection, identification and suitability of tissue and eye donors
- Tissue and eye recovery and processing
- Tissue and eye processing facilities organization and design
- Clinical graft applications
  - Ocular and amniotic membrane
  - Skin
  - Cardiovascular
  - Musculoskeletal
- Hematopoietic stem cells

## ADDRESSED TO

- Professionals involved in tissue, cells and advanced therapies
- Researchers and project managers working in the field
- Biology, Biochemistry, Chemical Engineering, Pharmacy & Pharmacology specialists

## EDUCATIONAL METHODOLOGY

The e-learning method involves the development of a flexible and interactive online learning action, promoting a continuous building of knowledge and development of skills. The course curriculum will be available throughout the online training program, and will be structured in topics for a better assimilation of key concepts. Live lectures delivered by experts in the field will provide an opportunity for deeper learning and guarantee learners' interaction and engagement.

This training program will help participants achieve a high level of knowledge in tissues cells and advanced therapies. It will enable practitioners to improve their core skills and competences, establish optimal policies and practices in tissues, cells and advanced therapies in order to deliver high quality services to patients and users, and boost networking & best practice exchange.

## ACADEMIC QUALIFICATION

The training program will be awarded with a TPM diploma of 97 hours equivalent to 10 ECTS of the International Master in Donation and Transplantation of Organs, Tissues and Cells (University of Barcelona - UB). The course is part of the TPM educational modular structure composed by different training itineraries that may end up with a Masters' degree.

## REGISTRATION AND COURSE FEE

Registration request submissions can be performed using our web-based registration at [www.tpm-dti.com](http://www.tpm-dti.com)

## COURSE FEE

Early bird: 1250 € by March 10<sup>th</sup> 2023  
Regular: 1500 €

## COURSE SECRETARIAT

TPM-DTI Foundation  
Parc Científic de Barcelona  
Universitat de Barcelona

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## Further TPM training offer

