

# Tissue Banking & Advanced Therapies Training Program

Online: 20<sup>th</sup> March – 28<sup>th</sup> May 2017

Face-to-face: Barcelona, Spain. 29<sup>th</sup> May – 1<sup>st</sup> June 2017



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.

## ONLINE TRAINING

The course aims at responding to a growing demand of professionals for continuing education in tissue banking and advanced therapies. The E-learning method permits a major flexibility for participants from all over the world.

### 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

## FACE TO FACE TRAINING

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 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
- Advanced therapies

## 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

TPM applies the *Learning by doing* proactive training and provides a blended learning program consisting in online and face to face components that can be taken together or separately.

### Online training

The E-learning method used throughout the course promotes continuous building of knowledge and development of skills, through learning by doing methodologies. It boosts great interactivity in the learning environment created and involves the development of a flexible, interactive and bidirectional teaching and learning action. Learning materials and resources along with practical activities are available during the course.

### Face to face training

The 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.

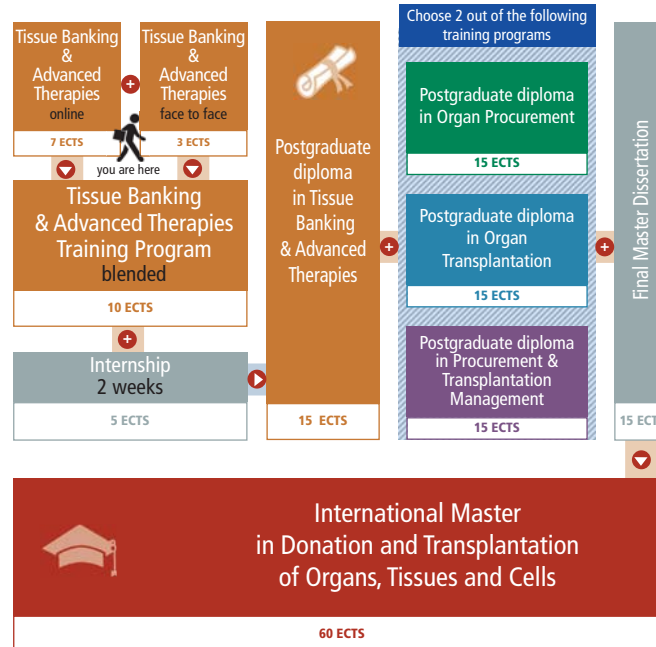
## ACADEMIC QUALIFICATION

The blended training will be awarded with 10 ECTS accredited by TPM-Universitat de Barcelona (UB) after successful completion of the course. The course is part of the TPM educational modular structure composed by different training itineraries that may end up with a Masters' degree.

## 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)

## Further TPM training offer



## International Master in Donation and Transplantation of Organs, Tissues and Cells

60 ECTS

## REGISTRATION AND COURSE FEE

Registration request submissions can be performed using our web-based registration at [WWW.TPM.ORG](http://WWW.TPM.ORG)

### ONLINE COURSE FEE

Early bird: 1.100 €  
by February 15<sup>th</sup> 2017  
Regular: 1.250 €

### FACE-TO-FACE COURSE FEE

Early bird: 1.200 €  
by April 25<sup>th</sup> 2017  
Regular: 1.350 €

### BLENDED COURSE FEE

Early bird: 2.200 €  
by March 15<sup>th</sup> 2017  
Regular: 2.400 €

Fee reduction will be applied for 2 or more participants from the same institution.

## COURSE SECRETARIAT

TPM-DTI Foundation

Parc Científic de Barcelona  
Universitat de Barcelona

Torres R+D+I  
C/ Baldri Reixac, 4-8  
Torre I, Planta 8  
08028 Barcelona  
(Spain)

+34 93 403 76 87  
+34 93 198 60 76  
info@tpm.org

[www.tpm.org](http://www.tpm.org)

