

DTI

DONATION &
TRANSPLANTATION
INSTITUTE

2025

ACTIVITY REPORT



DTI Foundation

Committed to improving society's quality of life through increasing organ and tissue donation and transplantation.

ACTIVITY REPORT

2025 AT A GLANCE



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Dear friends,

We are pleased to present the work carried out over the past year, although it now reflects more than 35 years dedicated to transferring knowledge, experience, and humanity to numerous professionals and institutions around the world.

Our activity is international and encompasses everything needed by professionals in transplantation and organ, tissue and cell donation.

We would like to highlight the perseverance of our team in achieving our goals, as well as the enthusiasm and commitment of the international experts who collaborate with us to help others through the DTI Foundation.

Your support and collaboration are essential and give strength to all the activities carried out throughout the year.

Thank you for accompanying us.
Warm regards,

Dr. Martí Manyalich
President of the DTI Foundation

The **DTI Foundation (Donation & Transplantation Institute)** is a non-profit organization established in 2008, with origins linked to the training activities initiated in 1991 through the **Transplant Procurement Management (TPM®)** program. This pioneering program in the field of donation and transplantation laid the foundations for the international work that the Foundation carries out today.

Its **mission** is to support the international healthcare community in the development, strengthening, and optimization of organ, tissue, and cell donation and transplantation programs. Through this work, the Foundation reaffirms its commitment to increasing the availability of organs globally, improving people's quality of life, and promoting advances in regenerative medicine.

The organization is composed of a **team of internationally recognized experts** and a broad network of professionals trained to provide specialized advice, high-level training, and technical support in projects related to donation and transplantation.

The Foundation's activities are structured around three strategic areas: **Training, International Cooperation, and Research Development.**



Our mission

To advise and support international entities, both public and private, working within healthcare systems to design, develop, and strengthen networks, programs, services, and/or research projects in the field of organ, tissue, and cell donation and transplantation, with the aim of improving the quality of life of citizens.



Our vision

To be a prestigious international organization that, through the coordination of projects and actions, contributes to meeting the needs of populations in various regions of the world concerning organ, tissue, and human cell donation available for transplantation and research.



DTI worldwide

DTI is a meeting point for many collaborators and professionals with a solid international reputation. The work of this extensive network has been essential to encourage cooperation and global knowledge exchange, as well as to promote a culture of solidarity in society.



The **people** of DTI are the driving force that propels us with determination towards our goals. We have a multidisciplinary and multicultural team with a significant track record in our three areas of action. Their dedication and drive inspire each of the Foundation's activities with a common goal: to contribute to increasing organ and tissue donation to save more lives.



43

Average age of the team

22

Number of people

34

Years average experience in the sector

7

Numbers of nationalities represented

50♂ 50♀

Gender equity

Areas of Activity



Training

Since 1991, we have designed and delivered training programmes with a comprehensive approach to organ, tissue and cell donation and transplantation. The TPM@ course is our flagship professional training programme, created by Dr Martí Manyalich together with a team of international healthcare professionals and updated in line with the highest international standards. In addition, we deliver a university master's programme as academic university-level training.



International Cooperation

We provide strategic support and expert guidance to public and private organizations worldwide, helping them develop organ and tissue donation and transplantation programs based on international best practices and tailored to their level of maturity.



Research Development

We support research groups in developing basic and preclinical research projects related to advanced therapies. We also collaborate in the development of medical devices applied to organ and tissue donation and transplantation.

Our achievements in 2025

Training

- **17 courses** delivered throughout the year.
- In-person and blended training in **7 countries**.
- **893 students** across all programs. (TPM®, master's and postgraduate).



International cooperation

8 cooperation projects in 7 countries in 2025. These projects have contributed to improving clinical protocols and quality standards, optimising resources, and strengthening professional capacity in Guyana, Hong Kong and the United Arab Emirates. They have also supported the consolidation of organ and tissue donation programmes in the Philippines, Dubai, Sri Lanka, Saudi Arabia and Oman.



Research and Development: Support for Research in Advanced Therapies

We promote advances with medical and social impact: advanced therapies for diseases without a cure, tissue regeneration, and reducing the use of animals in research.

- Active collaboration in **11 R&D projects**.
- Progress in transplant technology: preservation, transportation, and perfusion.
- Creation of global collaboration alliances with prominent sector actors.



Teaching methodology and innovation

The **Training** Area of the DTI Foundation contributes to improving the skills of future professionals in the sector by offering technical and theoretical knowledge based on international best practices.

In our courses, we combine **face-to-face experiences** with **innovative interactive training**, supported by **gamification** and **immersive technologies**.

In specific training on donation after circulatory death, we use **custom-designed mannequins** to simulate the functioning of **normothermic regional perfusion (NRP)**.

In the **advanced international course in Donation after circulatory death (DCD)**, we also develop the technical and surgical component through an **animal model** and offer a **hands-on workshop on perfusion machines**.



Blended
course



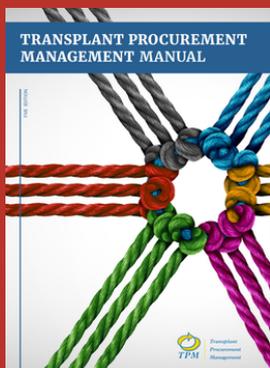
Schedule
March 2026



Location
A Coruña



Language
English



Since 2001, DTI has published the **Transplant Procurement Management (TPM) Manual**, a comprehensive reference manual aimed at professionals in the field of organ donation and transplantation.

The TPM Manual reflects the current state of the donation-transplantation process and focuses on the main aspects, roles and professional responsibilities of the Transplant Procurement Manager in both living and deceased donation. It covers the entire process, from donor detection and evaluation, death diagnosis, donor management and assessment, family approach, organ recovery and allocation, to tissue banking, governance, ethics and legislation.

This book is the **main educational resource for our courses**, and its **fifth edition was published in November 2025**.

ISBN: 978-84-09-80061-2



Annual activity: over 800 professionals trained worldwide

The Training area of DTI Foundation contributes to enhancing the skills of professionals in the sector by offering both technical and theoretical knowledge derived from best international practices. In our courses, we combine in-person experiences with innovative interactive training through gamification and immersive technology. In 2025, we trained **893 professionals from 7 countries**.

INTERNATIONAL TPM COURSES



- *35th International Advanced Course in Organ and Tissue Donation and Transplantation - TPM*. Blended and international. 58 participants (46 from Spain and 12 from Latin American countries). Co-funded by the National Transplant Organization (ONT). February 2025.
- *30th Transplant Procurement Management Advanced International Training Course - TPM*. In-person and international. 60 participants: from Europe (41), Asia (15) and Oceania (4). November 2025.

ON-SITE TPM COURSES



- *6th TPM course. Zagreb, Croatia*. In collaboration with the Croatian Ministry of Health. In-person. March 2025.
- *12th TPM course. Logarska-dolina, Slovenia*. In collaboration with Slovenija Transplant. In-person. April 2025.
- *1st TPM course. Sibiu, Romania*. In collaboration with the Romanian National Transplant Agency. In-person. June 2025.

TPM COURSES ITALY



- *52th edition of the National Course* in May-June (blended)
- *6 Regionals*: Campania (May), Emilia-Romagna (May), Campania (October), Piedmont (November), Tuscany (November) and Puglia (December).

MASTER



- 21st edition. Academic year 2024-25.
- 28 students.
- 12 different specialties.
- 19 countries represented.

DCD WORKSHOPS



- DCD Workshop. 9th Swisstransplant Winter Symposium. Lucerne, Switzerland. March 2025.
- DCD Workshop. 2° Simposio de Trasplantes LaCardio (Fundación Cardioinfantil). Bogotá, Colombia. May 2025.
- DCD Workshop. Dubai, UAE. In collaboration with DHA. May 2025.
- DCD in Action: Advanced Training in Normothermic Regional Perfusion. San Diego, USA. In collaboration with UC San Diego, The Reimagine Center. May 2025.

WORKSHOPS
PRE-CONGRESS

- 41st College of Anaesthesiologists & Intensivists of Sri Lanka Annual Congress. Colombo, Sri Lanka. February 2025
- Saudi Transplant Congress. Riyadh, Kingdom of Saudi Arabia. April 2025
- EurAsian-Iranian Organ Transplant Congress. Shiraz, Iran. May 2025
- 19th Congress of the Middle-East Society for Organ Transplantation. Ankara, Turkey. November 2025.
- The 19th Congress of Asian Society of Transplantation. Kuwait, Kuwait. November 2025.

TRAINING PROJECTS



- Training activities that are part of long-term projects:*
- Kingdom of Saudi Arabia (in collaboration with the Ministry of Defense):
- MODHS-MOT Case Managers Development Program. Blended program with face-to-face parts in Riyadh and Barcelona. September 2024 – September 2025.
- Kingdom of Saudi Arabia (in collaboration with the Saudi Center for Organ Transplantation – SCOT):
- Drive excellence in KSA: Lead your organ donation unit. Riyadh, October 2025.
 - TPM Course. Tabuk, November 2025
 - TPM Course. Riyadh, November 2025
- Sultanate of Oman (in collaboration with the National Organ Transplantation Program. Ministry of Health):
- 3rd TPM Course. December 2025

International Cooperation: Alliances that make a difference

The International Cooperation area of the DTI Foundation establishes and nurtures relationships with the global community aimed at improving national organ and tissue donation and transplantation systems in different countries, fostering knowledge exchange, and encouraging donations to improve patients' quality of life. In 2025, our activities enabled the development of eight projects in seven countries across Asia, America, and the Middle East.



Guyana

We collaborated with the National Transplant Authority (HOATTA) and the Georgetown Public Hospital to continue standardizing the national donation and transplantation system. Through regular meetings and technical assistance, progress was made in implementing national protocols and organizing the organ allocation process in the country.



Hong Kong

Working with the New Territories West Cluster (Hospital Authority), we carried out monthly meetings, consultancy visits, and produced reports with specific recommendations to improve the donation system. The project strengthened the hospital donation team and consolidated more efficient pathways for donor detection and referral.



Philippines

At the Southern Philippines Medical Center, we collaborated to improve donation processes and trained ICU staff to optimize donor detection. Together with the World Health Organization, we supported the Department of Health in developing its National Strategic Plan through consultation workshops and meetings with professionals and hospital centers.



Sri Lanka

As part of the Sister Transplant Program, we continued supporting local teams through scientific webinars and a technical visit to Colombo and other regional centers. Activities included training workshops, meetings with national authorities, and strategies to reinforce donor detection and the organization of the national transplantation program.



Saudi Arabia

With the Saudi Center for Organ Transplantation (SCOT), we continued the technical support initiated in previous years, focused on improving donation and transplantation processes and training hospital teams. In parallel, we collaborated with the Ministry of National Guard Health Affairs on the design and planning of the future national multi-tissue bank, including facility assessments and definition of technical and regulatory requirements.



Dubai

We collaborated with the Dubai Health Authority to update standards for donation after brain death and circulatory death, and to develop specific DCD protocols for pilot hospitals.



Oman

In collaboration with the National Organ Transplant Program (NOTP), we advanced in the third phase of the national strategy to strengthen donation and transplantation in the country. Activities included regular meetings, technical visits, internal audits, webinars, training stays in Spanish hospitals, and the participation of Omani professionals in advanced DTI programs.

This joint effort strengthened program quality and developed local team capacities.



Preceptorship

Guided clinical visits are a strategic training activity that provides professionals from different countries with in-depth knowledge of the Spanish donation and transplantation model. These initiatives include institutional visits to hospitals and reference centers, technical sessions with experts, and professional exchange forums.

Master's Program

Students from eight countries enrolled in the Master's Program took part in training visits to the Catalan Transplant Organization (OCATT), the Blood and Tissue Bank (BST), Hospital Clínic Barcelona, and Bellvitge University Hospital. The aim of these visits was to strengthen professional competencies in donation and transplantation and to consolidate the professional links established among participants throughout the program. The visit also included the oral defense of the Master's Final Project and the official closing ceremony.



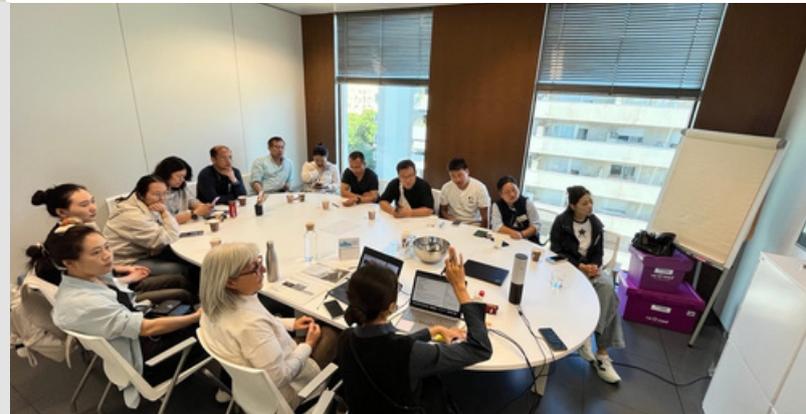
International TPM Course

Within the framework of the International Advanced TPM Course, representatives from Bulgaria, Pakistan, Saudi Arabia, Switzerland, and Russia carried out visits to hospital centers and to the OCATT, which were subsequently complemented by their participation in the course as observers.

This experience enabled them to gain deeper insight into the Spanish hospital management model in the field of organ donation and transplantation.

COTDF-China

A delegation from the China Organ Transplantation Development Foundation (COTDF) strengthened institutional cooperation with DTI through participation in the International TPM Course and institutional visits to Hospital Clínic Barcelona, the OCATT, and the Foundation's offices.



Other visits

April

Visit of Dr. Wade Stedman (Australia), supported by the Churchill Fellowship grant, to explore the integration of organ donation into Voluntary Assisted Dying (VAD) pathways.



October

Authorities from the United Arab Emirates reviewed DCD practices, perfusion techniques, and biobanking during visits to CREATIO, Hospital Clínic, and DTI.



November

The French National Ethics Council visited Catalan centers to study donation policies and the challenges facing the transplantation system.



Congress Participation & Scientific Output

We actively participate in approximately **40 conferences each year**, which allows us to share knowledge with colleagues from numerous regions worldwide and to discuss current topics related to our field of activity.

We have been invited to take part in training activities in France, Mongolia, Algeria, India, and Romania, among others. We also attended international congresses such as the ASOT (Egypt), ESOT (London), the WTC (United States), the ISODP (Japan), the EATBC (Finland), MESOT (Turkey) and CAST (Kuwait).

In this context, the DTI Foundation has *co-organized*, for the fifth consecutive year, the China-International Organ Donation Conference (**CIODC**) together with the China Organ Transplantation Development Foundation (COTDF), held in Guangzhou (China). This meeting brought together more than 750 participants from nearly 20 countries and regions.

The DTI Foundation is also an observer member of the **CD-P-TO (Council of Europe)**.

In addition, we have published **two scientific articles** on our international projects or on inclusion, equality, and diversity in transplantation.



Research and Development: Supporting Research in Advanced Therapies

The Research Development department of the DTI Foundation participates in and supports research groups internationally in the field of advanced therapies as part of our commitment to advancing science and improving global quality of life. In 2025, we collaborated with **9 research groups**. The focus is on promoting advanced therapies and developing human in vitro predictive tools to:



Anticipate adverse or toxic effects of immunomodulatory compounds in cancer patients.



Identify new therapeutic targets and biomarkers to improve patient prognosis.



Design and validate organoid models, including drug testing and omic analysis (genomics, transcriptomics, proteomics, and epigenomics).

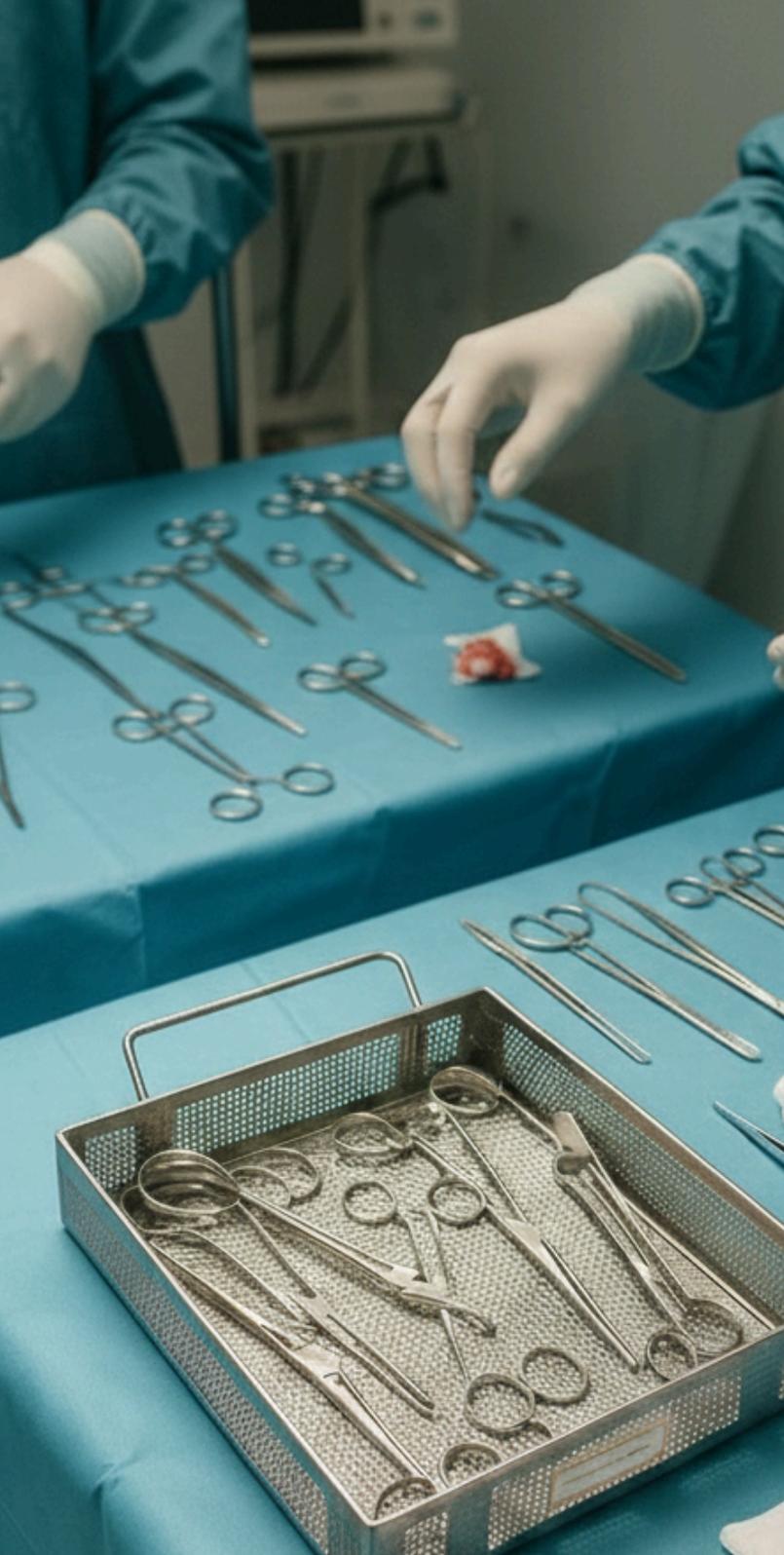


Optimize advanced tools to analyse the effects of various components on organoids and their molecular mechanisms.



Additionally, thanks to collaboration with universities, hospitals, biotech, and pharmaceutical companies, we are involved in projects developing medical technology and innovative solutions in our area of expertise:

- **Organ and tissue preservation and transport**
- **Ex situ organ and tissue perfusion**
- **Preservation solutions**
- **Medical technology applied to organ and tissue donation and transplantation**



Medical and social benefits of advanced therapies



They enable the **treatment of incurable diseases**, such as muscular dystrophy, ALS, and cancers.



They can be **personalized and adapted** to the patient's genetic profile.



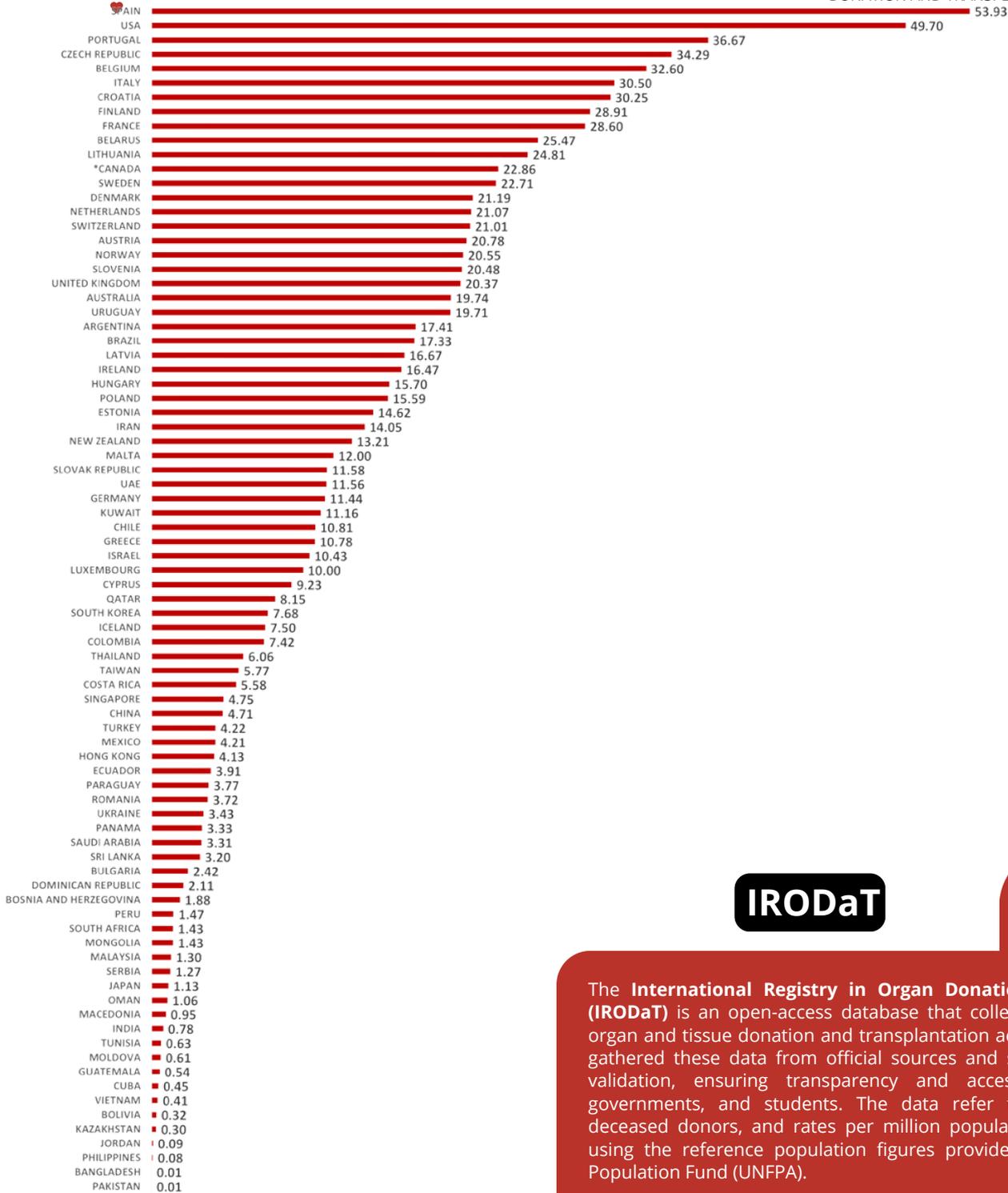
They **regenerate tissues and organs**, thus restoring deteriorated functions.



They **reduce reliance on chronic treatments**, offering long-term solutions.



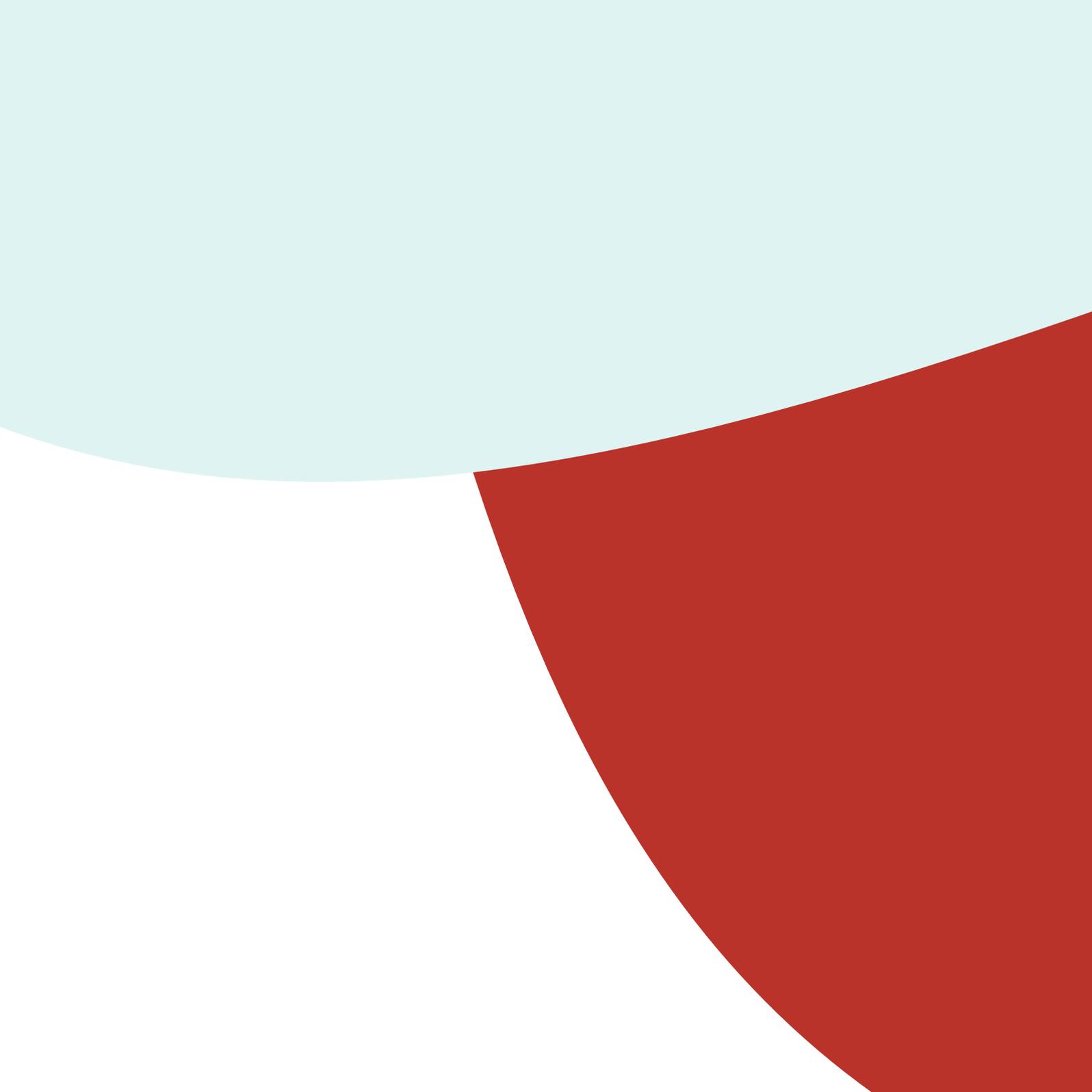
They help **decrease the use of animal models** in research, promoting more ethical and accurate approaches.



IRODaT

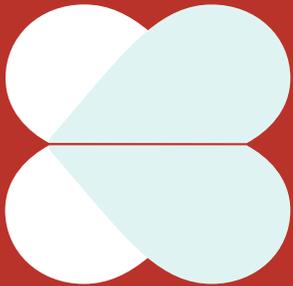


The **International Registry in Organ Donation and Transplantation (IRODaT)** is an open-access database that collects information on global organ and tissue donation and transplantation activity. Since 1998, DTI has gathered these data from official sources and subjected them to expert validation, ensuring transparency and accessibility for researchers, governments, and students. The data refer to organ donation from deceased donors, and rates per million population (pmp) are calculated using the reference population figures provided by the United Nations Population Fund (UNFPA).



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