

Donation & Transplantation Institute (DTI)

2017

*Annual Report
Activity*

A WORD FROM THE PRESIDENT

Dear friends, colleagues and society,

In 2017, our Foundation has grown in team size, space, projects, results, friends, volunteers, actions, ideas, visits to new countries, visits in Barcelona from international experts; always with the same eagerness, hard-working attitude, and consciousness of the challenges we are confronted to. Our main goal is to help increase organ donation worldwide and save more lives, and we try to achieve it through our activity.

DTI Foundation has come a long way and we keep old friends like Portugal, Slovenia, Croatia or Italy, we have gained Argentina back, and we continue collaborating in Trinidad & Tobago, Colombia and Uruguay with our friends in America. We have also entered the Middle East, with a strong impact in the United Arab Emirates, where the first deceased donations in the country started in September and the number is rising. In addition, we have collaborated with Saudi Arabia in a quality program that has allowed higher donation rates. Asia is still a challenge, as it is a highly populated continent, where we have friends like Thailand, new regions that we already visited, like Philippines, and others where we have not intervened directly yet. We would also like to highlight that China keeps growing, with both regional and national training courses, and especially strengthening the development of what may become the donation network in some regions, like the cities of Kunming and Nanning, with very positive outcomes.

Africa is gaining consciousness. We have been present in Ethiopia, Egypt, and other countries in Northern Africa, through our visits and networking.

We are, since our creation, an institution heavily linked to the University of Barcelona for several reasons; mainly training and our master's degree, including participants from different countries, that become friends and donation leaders for their countries once trained. This relationship allows us to develop European projects like KeTLOD in



China, EUDONORGAN involving the 28 EU member states with a teaching methodology accessible through the phone and applicable to healthcare professionals and the civil society and Seeding Life with Northern European countries. I think it is equally important to underline our scientific perspective and we want to maintain our growth and interest. For this reason, we have been present in many congresses and published abstracts, books and articles that we summarize in this report.

Our social community is a new item we are presenting, DTI community, with the aim to better reach our former trainees, establish a few ambassadors that will represent us around the world and manage a group of active volunteers that support our Foundation. We must not forget we are an NGO and our mission is to save lives, even from home.

We have many challenges left for 2018: quality, volunteering, research, dissemination, digitalization, and other tools to refine in the coming future. We are witnessing a greater demand for increasing donation worldwide. The fight against organ trafficking from organizations like the Council of Europe, the Pontifical Academy of Sciences, multiple scientific societies, WHO and the UN, triggers the interest in developing organ donation, and our Foundation is at the core of the necessary services to make it possible at a global level. We hope to do it well.

Dr. Martí Manyalich

President of TPM-DTI Foundation

«A donation is a great human act: from the doctors who know how to transmit the need to donate organs and from the relatives, who are generous and make the best possible decision.»

Dr. Martí Manyalich

ABOUT DTI FOUNDATION

DTI Foundation is a non-profit foundation formed by a group of recognized international experts in donation and transplantation.

DTI Foundation offers consultancy and training for the implementation of courses and projects in the field of donation and transplantation of organs, tissues and cells. Through our education program **TPM®**, **more than 14.000 healthcare professionals from 100 countries have been trained since 1991.**

Furthermore, DTI Foundation cooperates at international level with the SEUSA program, which represents the best of 3 models of donation efficient systems of organs, tissues and cells for transplantation.

Our **mission** is to advise and support international public and private entities involved in the health care system to design, develop and strengthen networks, programs, services and/or research projects in the field of donation and transplantation of organs, tissues and cells.

Our **commitment** is to raise organ donation rates worldwide, to improve the quality of life of the society and to support regenerative medicine.

This report contains a summary of the most important activities held in **2017**.

Training
+
Consultancy
+
Dissemination
+
Research



TPM TRAINING

DTI Foundation considers that training for healthcare professionals involved in the donation and transplantation field has proven to be of extreme importance for the improvement and increase of organ donation and transplantation activity worldwide.

Course	Modality	Students	Faculty	Assessment
Spain	Advanced	104	49	★ ★ ★ ★ ☆
Portugal	Advanced	50	19	★ ★ ★ ★ ☆
Italy	Advanced	84	60	★ ★ ★ ★ ☆
China - Kunming	Advanced	48	26	★ ★ ★ ★ ☆
China - Nanning	Intermediate	44	24	★ ★ ★ ★ ☆
China - Shanghai	Intermediate	67	32	★ ★ ★ ★ ☆
Hong Kong	Intermediate	40	9	★ ★ ★ ★ ☆
Iran	Intermediate	65	15	★ ★ ★ ★ ☆
Iran	Leadership & Management	51	12	★ ★ ★ ★ ☆
Argentina	Intermediate	74	20	★ ★ ★ ★ ☆
Slovenia	Intermediate	35	34	★ ★ ★ ★ ☆
Philippines	Intermediate	42	10	★ ★ ★ ★ ☆
UAE	Intermediate	40	14	★ ★ ★ ★ ☆
Italy	Intermediate	36	26	N/A
Ireland	Introductory	32	7	★ ★ ★ ★ ☆
Spain	Workshop nursing	15	21	★ ★ ★ ★ ☆

«The course increased a lot my experience about how to manage the system of transplant coordination and how to make it successful learning from the best organization as TPM of Barcelona.»

Workshop for nurses. Barcelona, September 2017.

«[...] Great opportunity, so glad I could be here with this particular group. New and interesting methods of training. Friendly staff members and amazing place. I'd definitely recommend this course to others!»

Advanced TPM Course. Barcelona, November 2017.

TPM TRAINING

During 2017, TPM has implemented 19 courses in advanced and intermediate modalities and a workshop.

Barcelona. 27th Advanced International Training Course (Spanish edition)



Barcelona. Nursing workshop.



Abu Dhabi, UAE. Intermediate course.



Hong Kong. Intermediate course.



Teheran, Iran. Intermediate course.



2017 Training activities map

- **Spain:** Barcelona
 - **Portugal:** Vimeiro
 - **Italy:** Imola, Caserta, Napoli
 - **China:** Kunming, Nanning, Shanghai, Hong Kong
 - **Iran:** Teheran
- **Ireland:** Waterford
 - **Argentina:** Buenos Aires
 - **Slovenia:** Liubliana
 - **Philippines:** Davao
 - **UAE:** Dubai



Davao, Philippines. Intermediate course.



Imola, Italy. Advanced course.



Liubliana, Slovenia. Intermediate course.



Waterford, Ireland. Introductory course.



Buenos Aires, Argentina. Intermediate course.



Vimeiro, Portugal. Advanced course.



ACTIONS IN CHINA

The collaboration between DTI Foundation and China has been growing and improving during the last few years, harvesting important results in terms of healthcare professionals trained, experience, clinical practice and better results on the donation and transplantation field.

TRAINING (Transplant Procurement Management courses)

In May 2017, 67 healthcare professionals from the Shanghai province attended the 3rd International Course in TPM, with the collaboration and the support of the World Health Organization, the China Organ Donation Management Center, the China Organ Transplantation Development Foundation and other hospitals and institutions.

In August, eight TPM-DTI international experts from USA, Hong Kong, Iran, Brazil and Spain travelled to Kunming for the 2nd edition of TPM Advanced Course. 50 participants from ICU, Emergency and Direction departments attended the course and learnt from each other experiences. Their motivation led to a successful course.

In September 2017, the third Edition of the Intermediate Training course in Transplant Procurement Management took place in the city of Nanning. 51 participants from different hospitals in the area were granted a TPM diploma. After three days of course development, they showed high interest in the lecturers and active participation in the practical simulations. The knowledge and experience the experts shared intended to motivate the participants to be more involved in the organ donation field, to improve their daily clinical practice in their own units, and to show a significant impact in terms of numbers of organs available for transplantation.



3rd International Training Course in Transplant Procurement Management. Shanghai.

2nd Advanced Training Course in TPM. Kunming



3rd Intermediate Training Course in TPM. Nanning.



NANNING

The 303 Military Hospital of Nanning and DTI Foundation are engaged in a cooperation partnership since 2017, aiming at improving the organ donation activity, to facilitate the exchange of experience and expertise, and to develop scientific research in the field of organ donation and transplantation. The Guangxi OPO (ODAC) is one of the centres with an important activity in organ donation and transplantation, presenting a high donation rate among Chinese provinces.

During the year 2017, as a result of this partnership, several actions of knowledge exchange, assessing the donation activity in the local hospitals and presenting the research results to the international scientific community, have been completed.

In September 2017, experts from DTI visited tres hospitals of the ODAC Network: Guigang People's Hospital, the First People's Hospital of Yulin, and the Second People's Hospital of Pignan City. A report with measures and recommendations for improvement was delivered and an action plan has been designed. Following these visits, the 3rd Intermediate Training Course in Transplant Procurement Management was held in Nanning.

In addition, a total of eight professionals have participated in preceptorship visits in Barcelona and Madrid. The Hospital 12 Octubre of Madrid hosted a physician working at ODAC for a 4-week internship.

Moreover, the ODAC team has presented three oral presentations at the International Society for Organ Donation and Procurement (ISODP) congress in Geneva. DTI is very pleased to collaborate with the Nanning team and happy to inform that further actions are planned for 2018.

The collaboration between DTI Foundation and China is an ongoing process reaching each year excellent results.



DTI experts visit to healthcare facilities in Nanning.

ACTIONS IN CHINA

COOPERATION PROJECTS-SEUSA: SEUSA Kunming

The collaboration with Kunming dated few years ago and since then, several actions and courses have been done. This year, the cooperation has reached a higher level, and together with the Kunming OPO, DTI set the basis of a SEUSA program aiming at improving the structure and results of the donation and transplantation program. The expertise from Dr. Tom Mone from USA, Dr. Reginaldo Boni from Brazil, and Dr. José María Domínguez from Spain, will be used to design and implement a customized model for Kunming. Tools and clinical practice from the three countries' successful models will be adapted and shaped to the KMOPO characteristics. We are very enthusiastic about working in Kunming and to share our experience with Dr. Chao Li, the director of the KMOPO and dear friend of DTI Foundation.



Meeting with KMOPO and DTI experts for the SEUSA program. Kunming.

SEUSA is a collaborative program to ensure self-sufficient transplant systems. It is based on a comprehensive model that combines the best practices of the Spanish, European and USA models.

PRECEPTORSHIP IN SPAIN

Visits of healthcare professionals from China

Within the framework of the collaboration programs between DTI Foundation and the China Organ Transplantation Development Foundation (COTDF), in November was organized the fourth edition of this international cooperation initiative, when a team composed by 10 healthcare professionals visited Spain.

The aim of these visits is to offer the Chinese doctors the possibility to obtain firsthand knowledge of the everyday practice of donation and transplantation programs in hospitals from Barcelona and Madrid, and to understand the organizational aspects of the system by visiting Catalan Transplant Organization (OCATT) and National Organization of Transplantation (ONT). This visit is combined with the participation of these professionals at the Advanced International Training Course in Transplant Procurement Management in Barcelona.



Preceptorship of Chinese healthcare professionals at a Spanish hospital. Madrid.

Visit from the 3rd Xiangya Hospital, Central South University in Changsha

A team of six experts from the Transplantation Center of the 3rd Xiangya Hospital, Central South University in Changsha, China, travelled to Spain for a deeper learning about the Donation and Transplantation programs in Spain and Europe.

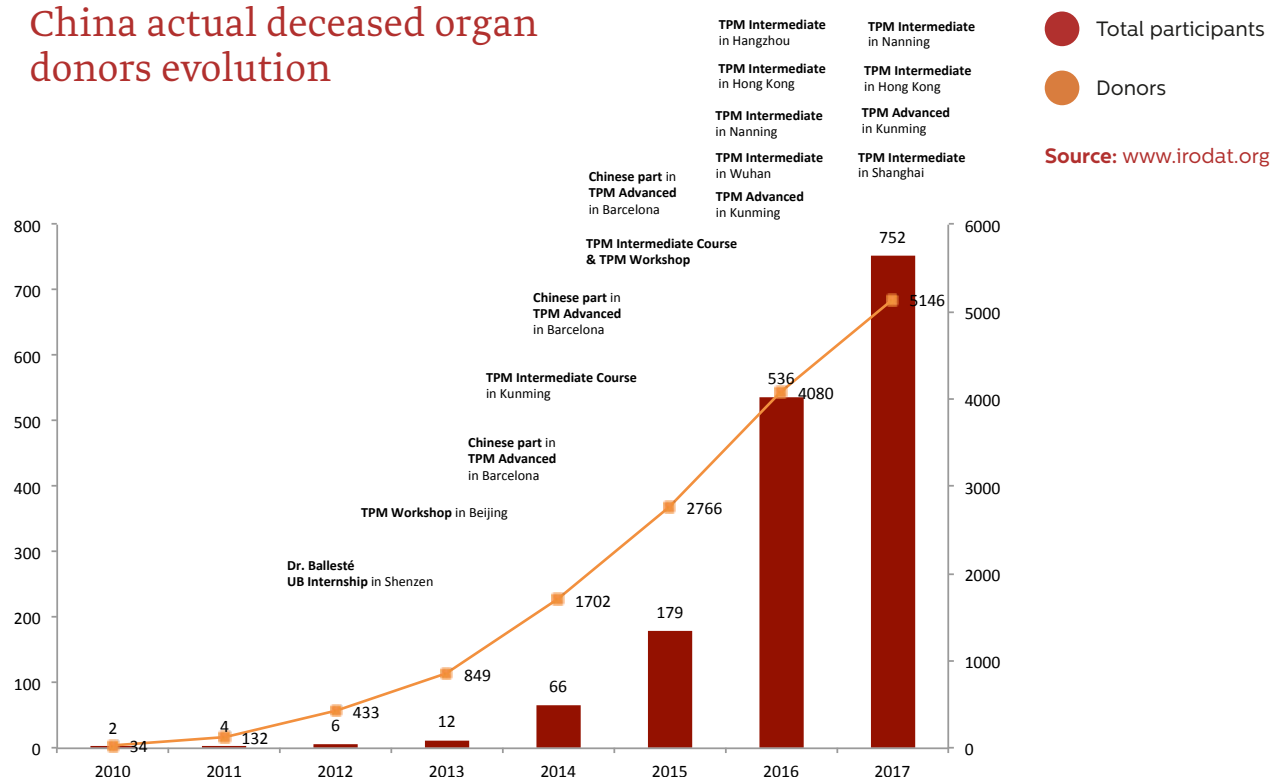
During this period, the team led by Prof. Ming Yingzi visited several Hospitals in Barcelona and Madrid, the National Transplant Organization (ONT), and the Catalan Transplant Organization (OCATT). The delegation also met with the key opinion leaders of the donation and transplantation programs.

The aim of the visit was that the delegation members transfer the acquired knowledge into their everyday clinical practice and therefore improve the donation and transplantation program in their center.



Visit of Changsha delegation at the Hospital Clinic. Barcelona.

China actual deceased organ donors evolution



BLENDED PROGRAMS & POSTGRADUATE DIPLOMAS

DTI offers 4 different blended and postgraduate programs: **Organ Procurement, Organ Transplantation, Leadership, Quality and Management in Organ Donation and Transplantation**; and **Tissue Banking and Advanced Therapies**.

Each blended program includes on-line and face-to-face training and it is accredited with a diploma of 10 ECTS. The Postgraduate diploma consists of a blended course plus 2 weeks of hospital internship in associated centres in Spain, USA and other countries and it is worth 15 ECTS.

The educational offer has been designed to enable any student to follow an academic curriculum that may end up with the Master degree. To obtain the **International Master in Donation and Transplantation of Organs, Tissues and Cells** the student must complete 30 ECTS corresponding to blended training, 15 ECTS corresponding to 6 weeks of internship and Final Master Dissertation (15 ECTS).

DTI offers
4 different
blended and
postgraduate
programs.

<div> <div>ORGAN PROCUREMENT</div> <ul style="list-style-type: none"> • Donor detection and identification • Brain death diagnosis • Donor management • Family approach • Organ retrieval and preservation • Allocation criteria • Donation after Circulatory Death (DCD) • Living donation <div>Modalities: online, blended & postgraduate.</div> </div>	<div> <div>ORGAN TRANSPLANTATION</div> <ul style="list-style-type: none"> • Immunology basics & Immunosuppression • Infections • Malignancies • Organ specific: kidney, liver, pancreas, heart, lung • Living donation transplant <div>Modalities: online, blended and postgraduate.</div> </div>
<div> <div>TISSUE BANKING AND ADVANCED THERAPIES</div> <ul style="list-style-type: none"> • Tissue donor detection • Eye, cardiovascular, musculoskeletal, skin, stem cells and cord blood banking • Tissue processing • Ethical and regulatory issues • Quality management • Advanced therapies <div>Modalities: online, face-to-face, blended and postgraduate.</div> </div>	<div> <div>LEADERSHIP, QUALITY AND MANAGEMENT IN ORGAN DONATION AND TRANSPLANTATION</div> <ul style="list-style-type: none"> • Best practice models • Management & leadership • Teambuilding & empowerment • Quality programs, quality indicators, standards and auditing in organ donation and transplantation • Incorporating skills into practice <div>Modalities: blended or postgraduate.</div> </div>

(Bottom left)
Tissue Banking and Advanced Therapies. Practical simulations.

(Bottom right)
Master class by Dr.Manyalich.



MASTER D&T

DTI offers the possibility to enrol in two different master programs certified by the University of Barcelona.

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

The International Master in Donation and Transplantation of Organs, Tissues and Cells (60 ECTS) is a specific Master addressed to students who aim to follow a professional path. The program includes on-line training, face-to-face training with practical simulations, and an internship in a prestigious centre. It is a modular master that can be done in different periods.

Master in Clinical Investigation

The Master in Clinical Investigation (60 ECTS) is an official Master that offers eight different modalities including the specialty of donation and transplantation of organs, tissues and cells. This master is addressed to students who want to follow a PhD program in this field. It is designed to provide the students with knowledge and skills necessary to develop a scientific activity of donation and transplantation process at any step.

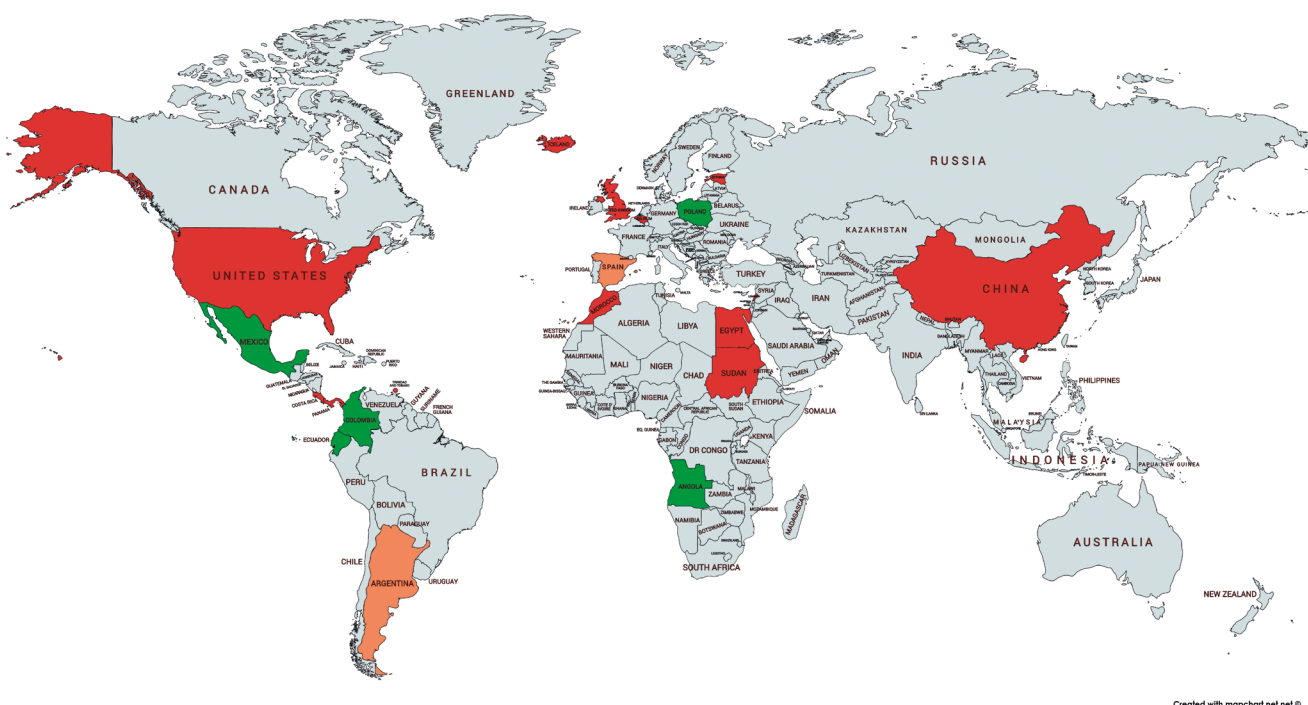
The 2016-17 edition of the professional program ended with 18 participants from 15 different countries and the research program had 14 participants from 7 different countries.

You can find more information about the Master and postgraduate programs in www.tpm-master.org.



UNIVERSITAT DE
BARCELONA

The program includes on-line training and face-to-face training with practical simulations.



Students map 2016-2017 edition

- International Master in Donation and Transplantation of Organs, Tissues and Cells
- Master in Clinical Investigation
- Both masters

INTERNATIONAL DEVELOPMENT

DTI Foundation's international development activities grow from the belief in the possibility to save people's lives; no matter where they live. Therefore, during the year 2017 new actions have been done for the development of the ongoing projects and concurrently to new projects that have been added to DTI's cooperation portfolio.

Following the cooperation pathways our team has been travelling...

DTI VISIT TO ETHIOPIA

In 2016 a new initiative to make possible deceased donation in Ethiopia started. Several actions have been conducted, with great motivation from the Ethiopian partners, DTI, and the support from University of Michigan. In January 2017, a team composed by international experts in deceased donation programs visited the facilities of St Paul's hospital and Addis Ababa Trauma and Burn Center (AABeT).

Furthermore, important meetings with the hospital directors and Saint Paul's Millennium College took place. In addition, this initiative, as well as the projects on living kidney transplantation and the basis for deceased donation were presented to the Minister of Health of Ethiopia; Professor Yifru Berhan Mitke.

We continue to work towards improving organ donation so that transplant systems are efficient and adapted to the requirements, needs and demands of the centers, regions or countries throughout the world.



Ethiopia.

International expert visit to Saint Paul's Hospital in Addis Ababa.

PHILIPPINES

Since the agreement for a two-year transplant partnership with the Organ Transplant Services of the South Philippines Medical center in Davao City; University of Barcelona and Hospital Clinic; under the auspice of the International Society of Nephrology-The Transplantation Society (ISN-TTS), this alliance has opened a window for other collaboration opportunities between the partners.

As a result, in November 2017, the first Intermediate Training Course in Transplant Procurement Management was held in Davao City. Forty-Two Filipino professional participated, mostly doctor and nurses involved in the organ donation and transplant activity; from different transplant centres in the country. Moreover, a special ceremony to celebrate the 2nd year of the ISN Sister Hospital Program were held in the facilities of the South Philippines Medical Center (SPMC).

Other meetings where the DTI expert team shared their experience were organized. The meetings with the regional Department of Health, Dr. Abdullah Dumama, Regional Director and Dr. Jojo Sinandoling Secretary of Health; the Davao Ethical Committee and the Davao Medical Society, were particularly important.

SAUDI ARABIA

DTI Foundation is collaborating with the Saudi Center for Organ Transplantation (SCOT) in a project sponsored by the Ministry of Health of KSA (Kingdom of Saudi Arabia). This 3-year program aims at implementing a quality management system to increase the deceased donation rate.

Within the framework of this project, an in-situ diagnosis study visit was organized this year in KSA led by Dr. Martí Manyalich (DTI president), Dr. José Luis Escalante (project director), Dr. Francesco Procaccio (ICU expert), Mr. Estephan Arredondo (project coordinator) and supported by SCOT experts and representatives. This visit included meetings at the SCOT, the Ministry of Health of KSA, and different hospitals in the cities of Riyadh and Jeddah to analyze the global situation of the country in terms of organ donation. Therefore, areas of improvement and recommendations were detected and presented in a report to the Ministry of Health.

«It is our duty to share our expertise to improve organ donation and transplantation all over the world, self-sufficiency is our goal and we can do it.»

Philippines. Visit from DTI expert delegation in Davao City.



Saudi Arabia. Visit to the Deputy Minister of Health to plan the project aims.



DTI SOCIAL

Thanks to the altruistic collaboration of companies we can help some countries or regions.

TRINIDAD AND TOBAGO

This collaboration; started on 2010 and supported by the REPSOL Foundation, is one of the challenges of the Trinidad National Organ Transplant Unit (NOTU), the Pan American Health Organization (PAHO) and of DTI Foundation. The main goal of the project is to establish the self-sufficiency in the deceased donation program and make Trinidad and Tobago a reference country in the field for the CARICOM region.

During 2017 there have been 6 kidneys transplanted. Meanwhile, on June 2017, for the first time in the Port of Spain General Hospital was performed the first cornea retrieval from a deceased donor, so two citizens were given the gift of sight. Additionally, in 2017, 8 medical doctors and 1 registered nurse, from the three main hospitals in the country have been trained in Organ Donation.

DTI Foundation is glad to be involved in this program for the last 7 years and pleased to know lives have been saved in Trinidad and Tobago.

GOA

DTI Foundation visited Goa (India) in July 2017 within the framework of the Kidney Update 2017, organized by the Indian Medical Association. Our executive director Dr. María Paula Gomez has participated in the conference. Taking inspiration from Spain, the aim of the event has been promoting the idea of an effective organ donation and transplant system.

Furthermore, the Embassy of Spain in New Delhi, in association with the National Organ & Tissue Transplant Organization NOTTO and DTI Foundation, has hosted the 1st Indian-Spain Working Meeting on “Organ Procurement and Management Best Practices” in which Dr. Martí Manyalich has presented the leading practice in organ donation in Spain. This event has served to create a platform to exchange practices amongst national stakeholders in India about the organ donation practice and procurement model.

In addition, Verdés Company located in Spain and with a delegation in India, has granted Dr Mahesh Panche from IMA Goa with a sponsorship to register in the Advanced Training Course in Transplant Procurement & Management in Spain plus a two weeks internship course at University Hospital of Bellvitge, Barcelona.

Trinidad and Tobago. Granted student from Trinidad and Tobago during her Master dissertation defense at University of Barcelona.



Goa, India. Working meeting.



EUROPEAN PROJECTS

TPM-DTI Foundation is actively involved in different European initiatives which support the development and implementation of specialized training programs in organ donation all around the world.

SEEDING LIFE

Seeding Life (2016-2017), Erasmus+ project, has been a two-level training initiative that aims to improve professional competences, knowledge and skills in organ donation and transplantation in Bulgaria and Latvia. The project boosted best practice exchange between Spain, as one of the best models worldwide in organ donation, and two East European countries with similar experience in the field (Bulgaria and Latvia).

The training program was completed by 26 future trainers, ICU physicians and surgeons, and considered a blended learning methodology (online and face to face). The local trainers returned to their centres and organized 16 national seminars (10 in Bulgaria and 6 in Latvia), reaching out more than 620 professionals in the two countries, almost double than initially foreseen (375 healthcare professionals). The project generated high interest and further possibilities of collaboration are explored.



European projects are a useful way to improve the exchange of good practices between countries.

The local trainers organized 16 national seminars reaching out more than 620 professionals.

Seeding Life. Train the trainers face-to-face course
Sofia, Bulgaria



Seeding Life. Train the trainers face-to-face course
Sofia, Bulgaria.



Seeding Life. Final meeting in Riga, Letonia.



EUROPEAN PROJECTS

ERASMUS+

The Erasmus Program “European Voluntary Service (EVS)” corresponding to the year 2017 was closed in last December. In this edition the DTI Foundation has counted with the participation of two volunteers coming from Hungary and Ukraine, who have developed during nine months the project “Training Program in Organ and Tissue Donation” with a widely satisfactory result for the Foundation as well as for both participants.



Erasmus+. Program coordinators with volunteers.



EUDONORGAN

Eudonorgan is a project awarded by the European Commission on the initiative of the European Parliament, it is led by the University of Barcelona and supported by the Donation and Transplantation Institute (DTI), the Institute for Organ and Tissue Transplantation of the Republic of Slovenia, The Institute for Transplantation and Biomedicine - Ministry of Health of the Republic of Croatia, the Italian National Transplant Centre (CNT) and Dinamia (Spain).

Its main aim is to develop and implement two types of activities at EU level, focusing on training and improving social awareness to enhance the positive attitude towards organ donation, and ultimately help improving donation rates.

New innovative tools have been created for training and awareness purposes with multilingual programming and different degrees of difficulty. Training amounted to 100 study hours, employed a blended learning methodology highly scored, and was completed by 101 beneficiaries from 28 European countries, out of which 79 were healthcare workers (medical doctors, nurses and medical students) and 22 were non-healthcare professionals (patients and patients' representatives, journalists, communication experts, representatives of health care establishments, ministries or Competent Authorities).

Now, 6 social awareness events are being prepared throughout Europe.

For more information visit www.eudonorgan.eu.



Eudonorgan. Activities face-to-face training.



Eudonorgan. Meeting with competent authorities.



Currently in China only one in thirty needed transplants is covered. For this reason, the training of health professionals will be key for the improvement of the organ donation in the country.

KeTLOD

The KeTLOD project (Knowledge Transfer and Leadership in Organ Donation) from Europe to China is co-funded by the Erasmus+ Programme of the European Union. The project consortium includes the University of Barcelona (UB), Spain, as coordinator; together with Donation and Transplantation Institute (DTI), Spain; Dinamia S.COOP. MAD (DINAMIA), Spain; The University of Nice - Sophia Antipolis (UNS), France; and Alma Mater Studiorum - Università di Bologna (UNIBO), Italy.

It aims at setting up a tailored Postgraduate Training Program on Organ Donation in 7 Chinese universities from different areas of China.

In this regard, a diagnosis study has been carried out in the 7 beneficiary Chinese universities following different adapted questionnaires on: “Donation activity”, “Existing trainings & Specific training needs” and “Online feasibility & University requirements”. Based on the needs identified a two-level educational initiative was designed.

The first educational level consisted in the Training for Trainers of which 22 Chinese future trainers benefitted.

Together with them 144 Chinese participants were selected for the second educational level: Postgraduate Program on Organ Donation, currently in progress.

For more information visit www.ketlod.cn.



KeTLOD. Training course in Barcelona.



KeTLOD. Training course in Barcelona.



KeTLOD. Networking agreement signature.



2017 CONGRESSES

DTI experts have attended several congresses during 2017 in order to being updated about new tendencies in the field and share our projects and results.

Mobile World Congress

Barcelona, 27 February-2 March 2017

14th Congress of the International Society for Organ Donation Procurement ISODP

Geneve, Switzerland 6-7 September 2017

STALYC Sociedad de Trasplante de América Latina y el Caribe. Montevideo, Uruguay 3-6 September 2017

27th Congress of the European Association of Tissue Banks. Treviso, Italy 18-20 October 2017

18th Congress European Society for Organ Transplantation ESOT

Barcelona, 24-28 September 2017

15th Congress of the Asian Society of Transplantation CAST. Cebú, Philippines 27-30 November 2017



European
Association
of Tissue
Banks



CAST Congress. Cebú, Philippines.



STALYC. Montevideo, Uruguay.



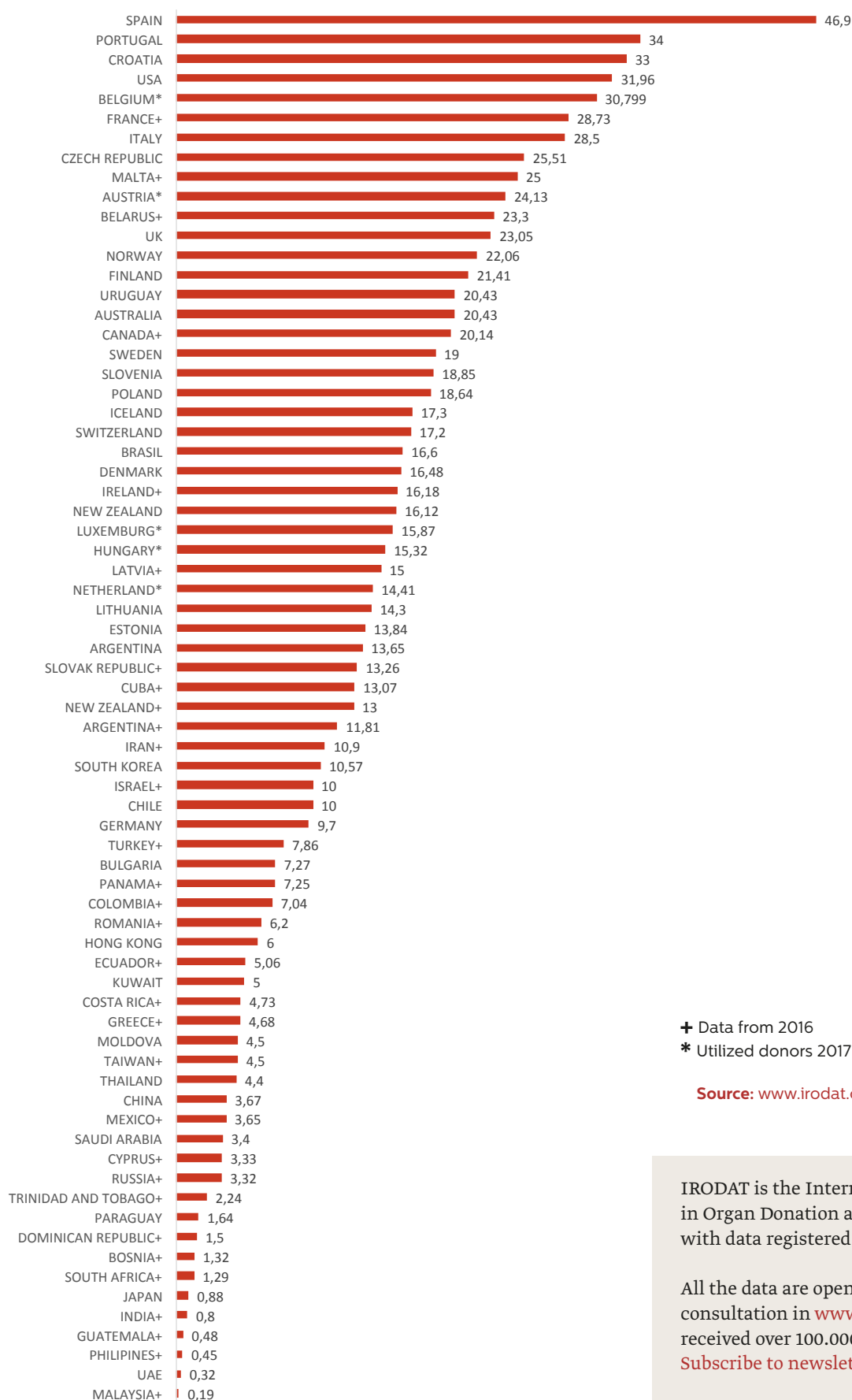
ISODP. Geneve, Switzerland.



ESOT. Barcelona.



Worldwide actual deceased organ donors 2017 (pmp)



2017 SCIENTIFIC REPORT

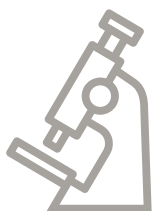
DTI Foundation participates in international projects and congresses, training professionals from all over the world.

The activity of the foundation is divided into four areas, presented below, which are responsible for scientific production:

TISSUES AND CELLS

1 Search and obtainment of human tissue for research

Promoting the donation of tissue banks and regenerative therapies around the world.



INTERNATIONAL COOPERATION



2 Development and cooperation projects

With the aim of improving organ donation and transplantation at an international level through consulting services.

PUBLICATIONS

The DTI Foundation has participated in the writing of three books, in addition to publishing in two important scientific journals like: *Nephrology Dialysis Transplantation* and *The Journal of Heart and Lung Transplantation*.

Books and chapters

Developing Organ Donation for Transplantation. Health is a Birth right. Manyalich, M. (2017). (pág. 1-942). Pakistan: SIUT PAKISTAN.

Preparation for Trasplantation. Kidney transplant. Egipto: clinical practice. Diekmann, F.; Adalia, R.; Manyalich, M. (2017)

Donación y trasplante de órganos y tejidos: ¿altruismo o negocio? De la solidaridad al mercado: El cuerpo humano y el comercio biotecnológico. Ballesté, C.; Casado, M. (Coord.) (2017). (pág. 1-299). Barcelona: Universitat de Barcelona.

Articles in scientific journals

The effect of differing kidney disease treatment modalities and organ donation and transplantation practices on health expenditure and patient outcomes.

Jager KJ, Stel VS, Branger P, Guijt M, Busic M, Dragovic M, Diekmann F, Manyalich M, Di Caccio P, Nanni Costa A, Collett D, Mumford L, Haase B, Hemke A, Deme O, Mihály S, Murphy M, Couchoud C, Massy Z, Lingemann M, Rahmel, A. *Nephrol Dial Transplant.* 2017 Jul 2. doi: 10.1093/ndt/gfx082. [Epub ahead of print]. (IF:4,470)

Prediction of potential for organ donation after circulatory death in neurocritical patients.

Xu G, Guo Z, Liang W, Xin E, Liu B, Xu Y, Luan Z, Schroder PM, Manyalich M, Ko DS, He X. *J Heart Lung Transplant.* 2018 Mar;37(3):358-364. doi:10.1016/j.healun.2017.09.015. (IF: 7,114)

In addition to the congresses publications, DTI Foundation has participated in the writing of book chapters and has published articles in scientific journals.

TRAINING



3 Specialized training for health professionals since 1991

Training for professionals in organ and tissue donation and transplantation. Online, face-to-face and blended courses, and master's degree.

DISSEMINATION



4 Publicizing the activities of the foundation

As well as discussing current issues in the field and underlining the value of training healthcare professionals from the leading Spanish model.

SCIENTIFIC PRODUCTION

In 2017, the DTI Foundation has participated in a total of 10 congresses in which it has made 30 oral and/or written presentations.

Congress	Num. of oral and/or written presentations	Responsible Area	Country
TOND-TDTD Joint Meeting	2	Dissemination	Turkey
Asian Transplantation Week 2017	2	Dissemination Training	South Korea
Korean Organ Donation Agency (KODA) Global Forum 2017	2	Dissemination	South Korea
18th Congress of the European Society for Organ Transplantation	1	Dissemination	Spain
14th Congress of the International Society for Organ Donation & Procurement - ISODP	7	Dissemination Cooperation Training	Switzerland
3rd GCC conference on Organ Transplantation and Nephrology	2	Dissemination	Iran
15th Congress of the Asian Society of Transplantation (CAST)	5	Dissemination Cooperation	Philippines
5th International Continuous Medical Education in Transplantation CME	2	International cooperation	Egypt
26th EATB Congress of a European Association of Tissue Banks	1	Cooperation Training Dissemination	Italy
24th Latinoamericano y del Caribe de Trasplante; Congreso Uruguayo del Trasplante	6	Dissemination International cooperation	Uruguay

TRANSPLANTING SMILES

DTI Foundation and its alumni Community are supporting a campaign called Transplanting smiles that looks forward to thanking the health care professionals involved in organ donation and transplantation for their continuous work and to the society for its generosity to donate organs. This campaign has helped raise awareness of the importance of organ donation for transplant within the hospitals in Spain.

2017 ACTIONS

A display with information about organ donation and transplant activity was presented in **ESOT Congress 2017** in Barcelona. During the congress the campaign team interviewed distinguished professionals from the field of organ donation and transplantation, such as the president of the ESOT, Dr. Stefan Schneeberger, among others.

This exhibition is now on a 10-week tour through transplant hospitals in different regions of Spain. The official inauguration of the campaign took place on the 16th of October in the 12 de Octubre Hospital located in Madrid.

During 2017 the project has been presented in the following hospitals: 12 de Octubre Hospital (Madrid), San Carlos Clinical Hospital (Madrid) and University Hospital of A Coruña (Galicia).



The campaign increase awareness about the importance of organ donation for transplantation in Spain.



12 de Octubre Hospital, Madrid.
16-20 October.



San Carlos Clinical Hospital, Madrid.
23-27 October.



**San Carlos Clinical Hospital,
Madrid.**
23-27 October.



**University Hospital of
A Coruña, Galicia.**
11-15 December.

The campaign has also started the production of a documentary film which will include some of the interviews held in transplant hospitals. This documentary will include emotional stories of organ donation and transplanted patients, health care professionals and donor's families. During 2017, 92 doctors and 15 transplanted patients and family members were interviewed as part of the campaign.

The production company responsible for the display design and the documentary film is Daristoteles. Moreover, Transplanting Smiles is a campaign sponsored by Chiesi Spain.

During the year 2017 650 people have already shared their smile. Join the campaign and share your smile with the world! On the website www.trasplantandosonrisas.org or through your social networks with the hashtag [#trasplantandosonrisas](https://twitter.com/trasplantandosonrisas).

**650 people have already
shared their smile.
Join the campaign
and share your smile
with the world!**

SUMMARY ACHIEVEMENTS



+14.000

Trained in
LEADING PRACTICE
IN ORGAN DONATION
& TISSUE BANK



+100

COUNTRIES WORLDWIDE
BENEFITED
from actions by
the Foundation

15%



Increased of
TRAINING
ACTIONS

7%



NEW
STUDENTS



4 NEW REGIONS
supported by the
Foundation during
the year 2017

ARGENTINA THAILAND
PHILIPPINES SAUDI ARABIA



6 DELEGATIONS
visited us during
2017

LEBANON SWITZERLAND
PAKISTAN JAPAN
JORDANIA LITHUANIA

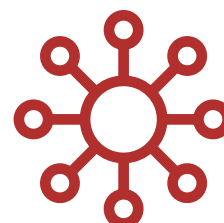
Thanks to our staff, pool of experts and over 30 volunteers/interns who have worked in the Foundation, we have contributed to offering a second chance to millions of patients on a waiting list for a transplant in the world.



123.500 k

YEARS OF LIFE GAINED*
since 2008 thanks to our
contribution

*Each donor means theoretically
50 years of life gained



3 EUROPEAN PROJECTS **9 COUNTRIES**

19 ORGANIZATIONS



Special partnership with
The Transplantation Society
The International Society of Nephrology
The Southern Philippines Medical Center

SOLIDARY COMPANIES

Supported projects of the DTI
Foundation during 2017



Supported activities of the DTI Foundation



Supported events of the DTI Community



DTI Community

New international community of people and institutions whose purpose is to share knowledge of organ donation and transplantation. This Community looks forward to engaging and connecting the TPM alumni and anyone who is involved and interested in organ donation.

The DTI Community has different types of membership: alumni, friend, volunteer and ambassador.



ALUMNI



VOLUNTEER



FRIEND



AMBASSADOR

BENEFIT PORTFOLIO

The Community provides a large opportunities, services and benefits to meet the diversity of interests and needs prevailing in the sector:

- **Webinars**
- **Job Postings**
- **Events/News**
- **Networking**
- **Academic Library**
- **Solidarity Bag**

Join us on our website
www.dticommunity.org