

November 22 - 24, 2023

Hilton Garden Inn, ZAGREB - Croatia

31st Annual Congress of the
European Association of
TISSUE AND CELL BANKS





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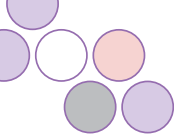
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Wednesday, November 22, 2023

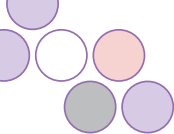
- 10:00-11:00 ● Registration
- 11:00-12:30 ● **Pre-congress workshop - Hall South**
THE ROLE OF THE MEDIA AND SOCIAL NETWORKS IN PROMOTING TISSUE AND CELL DONATION
Panelists: Branka Golubić Čepulić, Mirando Mrsić, Davor Bruketa, Damir Jugo, Sanja Mazić, Mirela Bušić
- 11:00-11:20 Sanja Mazić (invited speaker) / Different knowledge on tissue and cell donation from involved parties
- 11:20-11:40 Branka Golubić Čepulić (invited speaker) / Promoting tissue and cell donation - do we need joint action
- 11:40-11:45 **Mirando Mrsić** / The success story of HSC donation - Ana Rukavina Foundation
- 11:45-11:50 **Dwynwen Elen** / Experience of promoting tissue donation - Tissue and Eye Services, NHS Blood and Transplant, Liverpool, United Kingdom,
- 11:50-11:55 **Sharon Zahra** / Experience of promoting tissue donation - Scottish National Blood Transfusion Service
- 11:55-12:00 **Kristin Kleinhoff** / Experience of promoting tissue donation - The German Society for Tissue Transplantation (DGFG)
- 12:00-12:05 **Branka Golubić Čepulić** / Experience of promoting milk donation - Croatian tissue and cell bank
- 12:05-12:30 PANEL DISCUSSION
- 12:30-13:45 ● Lunch
- 13:45-14:00 ● Opening
- 14:00-15:30 ● **Plenary session - Hall South**
HOW THE NEW REGULATIONS WILL AFFECT OUR LIVES?
Moderators: Diletta Trojan, Jacinto Sanchez Ibanez
- 14:00-14:20 **Stefaan Van der Spiegel** (invited speaker) / Introduction to the new SoHO regulation: main changes for tissue and cell banks



- 14:20-14:35** Mirela Bušić (invited speaker) / The role of EDQM in ensuring the safety and quality of tissues and cells
- 14:35-14:50** Vanja Nikolac (invited speaker) / The role of the ECDC according to the two new Regulations
- 14:50-15:05** Esteve Trias (invited speaker) / Advocating hospital-exception concept for a SoHO-based therapies (ATMP) to achieve equity in access
- 15:05-15:30** PANEL DISCUSSION
- 15:30-16:00** **EU project presentation**
European Group for Accreditation and Liaison of Blood-Tissues and Cells Establishments - EGALITE
- 15:30-16:00** Rita Piteira
- 16:00-16:30** ● Coffee break
- 16:30-18:30** ● **Plenary session - Hall South**
TISSUE DONATION – IS THERE NO TISSUE OR NO ORGANIZATION
Moderators: Diletta Trojan, Martin Börgel, Branka Golubić Čepulić
- 16:30-16:40** Rudy De Vettor (invited speaker) / Tissue donation in Italy
- 16:40-16:50** Jan Kniese (invited speaker) / Tissue donation in Germany
- 16:50-17:00** Anna Vilarrodona Serrat (invited speaker) / Tissue donation in Spain
- 17:00-17:10** Kyle Bennett (invited speaker) / Tissue donation in UK
- 17:10-17:20** Beverly Bliss (invited speaker) / Tissue donation in USA
- 17:20-17:30** Francisco Martinez Flores (invited speaker) / Tissue donation in Mexico
- 17:30-17:40** Heri Suroto (invited speaker) / Tissue donation in Indonesia
- 17:40-17:50** Isabelle Martinache (invited speaker) / Tissue donation in France
- 17:50-18:00** Marina Premužić (invited speaker) / Tissue donation in Croatia
- 18:00-18:30** PANEL DISCUSSION
- 19:30** ● Transfer
- 20:00-23:00** ● **Welcome cocktail / Zagreb City Museum**

Thursday, November 23, 2023

- 7:00-8:00 ● Registration
- 8:00-9:30 ● **Morning workshops - Hall South**
SARE MONITORING, NETWORK AND RISK ASSESSMENT
Moderators: Aurora Navarro Martinez-Cantullera, Jenny Mohseni Skoglung
- **PARALLEL SESSIONS - Hall North**
- 9:30-11:00 ● **CARDIOVASCULAR TISSUE**
Moderators: Richard Lomas, Marijana Škifić
- 9:30-9:50 Hrvoje Gašparović (invited speaker) / Benefits and Pitfalls of Cryopreserved Vascular Allografts in the Management of Complex Great Vessels Pathologies
- 9:50-10:00 Giulia Montagner / Decellularized cryopreserved pericardium: a validation study
- 10:00-10:10 Katharina Baron / Mikrobial quality of cardiovascular tissue within the process of multi-organ and multi-tissue donations
- 10:10-10:20 Johannes van den Heever / Properties and clinical performance of three differently processed pulmonary homografts in the right ventricle outflow tract of an animal model
- 10:20-10:30 Jan Burkert / Allograft heart valves transplantation in the Czech Republic – indication & surgeons
- 10:30-10:40 Penny Hogg / 16 years experience of banked superficial femoral artery allografts: results of histopathological examination
- 10:40-10:50 Ivica Šafradin / The influence of different decontamination protocols on structural characteristics of heart valve allografts
- 10:50-11:00 DISCUSSION
- 11:00-11:30 ● Coffee break
- **PARALLEL SESSIONS - Hall South**
- 9:30-11:00 ● **MUSCULO-SKELETAL TISSUE**
Moderators: Artur Kaminski, Oscar Fariñas
- 9:30-9:50 Domagoj Delimar (invited speaker) / Significance of bone grafts in orthopedic surgery



9:50-10:00

Leonardo Vivarelli / Custom allografts: graft specific instrumentation development and use at rizzoli orthopaedic institute

10:00-10:10

Oscar Fariñas / Development of a preservation method at 33°C for fresh osteochondral allografts

10:10-10:20

Petr Koška / Bone graft and tendon stability tests

10:20-10:30

Marco Govoni / Mouldable osteoinductive and osteoconductive allogeneic bone pastes for orthopaedic applications

10:30-10:40

Artur Kaminski / Optimal laboratory preparation of allogeneic membranes as barrier membranes in dental surgery

10:40-10:50

Katarina Barbarić Starčević / Allograft reconstruction for the treatment of bone tumors

10:50-11:00

DISCUSSION

11:00-11:30

Coffee break

● **PARALLEL SESSIONS - Hall North**

11:30-13:00

● **CELLS AND SKIN**

Moderators: Anna Vilarrodona Serrat, Ines Bojanić

11:30-11:50

Eras Volker (invited speaker) / Autologous Fibroblasts for Clinical Application

11:50-12:10

Ines Bojanić (invited speaker) / Cells as starting material for ATMP preparation

12:10-12:20

Elizabeth Arce de la Vega / Analysis of ischemia time and cell viability of skin allografts transplanted in burned patients with tissue integration

12:20-12:30

Heri Suroto / Composite of freeze-dried human amniotic membrane and human adipose-derived stromal cells as a Nerve Tissue Engineering in peripheral nerve injury. From bench to bedside

12:30-12:40

Elen Dwynwen / Factors that influence microbiological failure rate and yield of skin in the UK

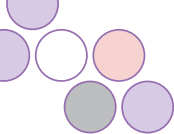
12:40-12:50

Anne-Sophie Hatzfeld / Discard rate of skin allografts at the Lille Tissue Bank since the implementation of microbiology testing on non-proceed donor skin prior to antibiotic bath

12:50-13:00

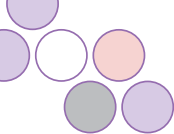
DISCUSSION

- 13:00-14:00** ● Lunch & Poster
- **PARALLEL SESSIONS - Hall South**
- 11:30-13:00** ● **TISSUE AND CELL DONATION**
Moderators: Aurora Navarro Martinez-Cantullera, Izabela Uhrynowska-Tyszkiewicz
- 11:30-11:40** **Stefanie Eberhard** / Tissue donation and digitization
- 11:40-11:50** **Katja Kirchner** / What factors influence the decision about postmortem tissue donation? an exploratory study based on interviews with relatives
- 11:50-12:00** **Carlo De Cillia** / Tissues and cells for human application: the Emilia-Romagna region (err) procurement activity
- 12:00-12:10** **Stefan Knolle** / How do I become a qualified tissue donation coordinator?
- 12:10-12:20** **Tim Böning** / Process analysis as basis for improvement of tissue donation
- 12:20-12:30** **Huey Choy Seow** / The evolution of international tissue banking and advanced therapies educational program in Europe
- 12:30-13:00** DISCUSSION
- 13:00-14:00** ● Lunch & Poster
- **PARALLEL SESSIONS - Hall North**
- 14:00-15:30** ● **OCULAR TISSUE AND AMNIOTIC MEMBRANE**
Moderators: Sanchez Ibáñez Jacinto, Ivana Vidović
- 14:00-14:20** **Diletta Trojan (invited speaker)** / An overview of the amniotic membrane
- 14:20-14:40** **Ivan Škegro (invited speaker)** / Amniotic membrane in ocular GVHD
- 14:40-15:00** **Ivana Vidović (invited speaker)** / Umbilical cord blood and umbilical tissue in ophthalmology
- 15:00-15:10** **Jacinto Sanchez Ibáñez** / Role of cryopreservation with cornea grafts. Our experience in the last 10 years
- 15:10-15:20** **Rebecca Brown** / Challenges regarding US FDA allograft classification and federal reimbursement – a focus on birth tissue “SECTION 361” HCT/PS
- 15:20-15:30** DISCUSSION



- 15:30-16:00 ● Coffee break
- **PARALLEL SESSIONS - Hall South**
- 14:00-15:30 ● **REPRODUCTIVE TISSUE AND OTHER HUMAN SUBSTANCES**
Moderators: Simone Hennerbichler-Lugscheider, Davor Ježek
- 14:00-14:20 Kelly Tilleman (invited speaker) / Passive slow freezing is an efficacious and cost-effective alternative to controlled slow freezing for ovarian tissue cryopreservation
- 14:20-14:40 Davor Ježek (invited speaker) / Oncofertility procedures for preservation of reproductive potential in men
- 14:40-15:00 Ruža Grizelj (invited speaker) / Donor human milk in NICU
- 15:00-15:10 Marija Čapin Vilaj / Ten years of experience in testicular tissue cryopreservation
- 15:10-15:20 Jurjana Novoselac / Microbial quality of donated human milk
- 15:20-15:30 DISCUSSION
- 15:30-16:00 ● Coffee break
- **PARALLEL POSTER SESSION - Hall North**
- TISSUE**
Moderators: Jacinto Sánchez Ibáñez, Branka Golubić Čepulić, Jaime Tabera Fernandez
- 16:00-16:05 Izabela Uhrynowska-Tyszkiewicz / 60 years of replacement tissue banking in Poland
- 16:05-16:10 Anna Salz / Implementing best practices in tissue donation – an Indo-German example of improving cornea donation and data management
- 16:10-16:15 Iva Lucija Burnač / Revitalization of corneal donation at the University Hospital Sveti duh
- 16:15-16:20 Marija Čapin Vilaj / Establishment of the first ovarian tissue bank in Croatia
- 16:20-16:25 Tamara Dolenc / Amniotic membrane in tissue and cell bank in University Hospital Center Sestre Milosrdnice: 12 years of successful application in ophthalmology

- 16:25-16:30** | **Suzana Tutić Lazić** / Quantitative and morphological analysis of corneal endothelial cells in donated corneas
- 16:30-16:35** | **Dolores Bukulin** / Assessment of the environment during corneal processing
- 16:35-16:40** | **Sandra Jagnjić** / Croatian experience in serological testing for HBV, HCV and HIV in corneal donors (2020-2022)
- 16:40-16:45** | **Francisco Martinez Flores** / Comparative analysis of serological profile vs naat's of skin allografts donors
- 16:45-16:50** | **Xavier Lafarge** / Impact of micro-organisms isolated from cranial flaps on the occurrence of surgical site infections after autologous cranioplasty: a single-center experience
- 16:50-16:55** | **Francisco Martinez Flores** / Development of bone matrix for clinical use from bone tissue obtained from multi-organic donors
- 16:55-17:00** | **Sabrina Manara** / A model of homograft tissues bacterial contamination to test the antimicrobial activity of a new antibiotic cocktail
- 17:00-17:05** | **Danielle Thomas** / Providing Green Reconstruction For Tissue Donors
- 17:05-17:10** | **Francisco Martinez Flores** / Implementation of a traceability System for Tissue Transplants in Mexico
- 16:00-18:00** | ● **PARALLEL POSTER SESSION - Hall North**
CELLS and OTHER SUBSTANCES
Moderators: Sanja Mazić, Simone Hennerbichler-Lugscheider, Diletta Trojan
- 16:00-16:05** | **Jelena Lukačević Krstić** / Autologous peripheral blood stem cells: our experience with deviations and serious adverse events during the initial period of procedure implementation
- 16:05-16:10** | **Kenan Mehić** / Ten-year experience of the ztmfbih transplantation team in collection of autologous hematopoietic stem cells-aHSC
- 16:10-16:15** | **Ines Bojanić** / Quality indicators in procurement and processing of bone marrow: single centre experience
- 16:15-16:20** | **Sanja Mazić (invited speaker)** / Cord blood bank adapting to change: validation and implementation of an alternative processing method and kit
- 16:20-16:25** | **Marijana Skifić** / Validation of stemvision™ system for quantification of hematopoietic colonies in colony-forming unit (CFU) assay

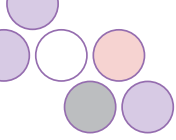


- 16:25-16:30** | **Vladimira Rimac** / Quality assessment of peripheral blood stem cell products: flow cytometry testing of apoptotic cells using 7-aad and annexin v viability dyes
- 16:30-16:35** | **Pavel Měříčka** / Quality and safety aspects of the cryobank operation
- 16:35-16:40** | **Ivana Babić** / Nat testing results of tissue and stem cell donors in Croatia from 2013 to 2022
- 16:40-16:45** | **Rebecca Brown** / Expansion of birth tissue allograft clinical applications, outcomes, and alignment with mechanisms of action
- 16:45-16:50** | **Ivana Vidović** / Umbilical cord platelet lysate from human cornea culture medium
- 16:50-16:55** | **Dušan Vučetić** / Platelet gel - a new modality in the treatment of chronic wounds
- 16:55-17:00** | **Marina Ferenac Kiš** / Autologous serum eyedrops - how strict regulations do we need?
- 17:00-17:05** | **Jurjana Novoselac** / Next generation sequencing in defining the microbiota of donated human milk
- 20:00-23:00** ● **Congress diner / Hotel Hilton Garden Inn**

Friday, November 24, 2023

- 7:30-8:00** ● Registration
- 8:00-10:00** ● **Morning workshop - Hall South**
QUALITY OVERSIGHT AND RISK MANAGEMENT
Moderator: Jaime Tabera Fernandez
- 10:00-11:00** ● **Plenary session - Hall South**
INNOVATIVE TISSUE AND CELL THERAPY
Moderators: Branka Golubić Čepulić, Esteve Trias, Diego Ponzin
- 10:00-10:20** | **Esteve Trias (invited speaker)** / Changing the Innovation Paradigms for making new therapies accessible to patients

10:20-10:40	Diego Ponzin (invited speaker) / Regenerative ophthalmology
10:40-11:00	DISCUSSION
11:00-11:30	Coffee break
11:30-13:30	Plenary workshop - Hall South WORLD UNION OF TISSUE BANKING ASSOCIATION (WUTBA) IN MANAGING THE SUSTAINABLE BUSINESS MODEL FOR TISSUE BANK <i>Moderator: Diletta Trojan, Martin Börgel</i>
11:30-11:45	Suzina Sheikh Abdul Hamid (invited speaker) / Tissue Banking in Malaysia: A shared responsibility
11:45-12:00	Beverly Bliss (invited speaker) / Outline on the framework and landscape of tissue activities in the US
12:00-12:15	Sandra Venter (invited speaker) / Situation about Tissue Donation in Africa in general and in South Africa in Detail
12:15-12:30	Simone Hennerbichler-Lugscheider (invited speaker) / Outline on the framework and landscape of tissue activities in Europe
12:30-12:45	Francisco Martinez Flores (invited speaker) / Outline on the framework and landscape of tissue activities in Latin America
12:45-13:00	Jeong Jinyoung (invited speaker) / Current status of Tissue Banking in Korea
13:00-13:30	PANEL DISCUSSION
13:30-14:00	Closing ceremony and awards
14:00	Farewell reception / lunch boxes



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Your Network for Tissue Donation

The German Society for Tissue Transplantation (DGFG) organizes tissue donation, performs tissue processing and distribution of ocular, cardiovascular and perinatal tissues. DGFG operates as a non-profit company and has been setting standards in tissue donation for more than 25 years. Through the establishment of tissue donation programs in hospitals and the support of the tissue banks, we can provide surgeons with tissue transplants in a timely and efficient manner.

The DGFG cooperates with more than 100 donor hospitals and almost 200 transplanting institutions nationwide.



What we do:

- organize tissue donation throughout Germany
- process donor tissue *in 14 tissue banks*
- allocate tissue transplants *nationwide & beyond*
- work according to highest quality standards
- support research & development
- raise awareness about tissue donation in public
- promote scientific and political exchange



Further information at
www.gewebenetzwerk.de

Would you like to know more about our work or
are you interested to collaborate? **Please contact us!**

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Tissue donation for severe injuries

Improved perspective
for healing

Human tissue transplants from bone, skin and tendon tissue play a vital role in enabling individuals to regain a normal and self-determined life as quickly as possible. These allografts have improved the treatment of various conditions, offering hope and increased quality of life to many individuals.

The DIZG produces over **68,000 human tissues** per year (approximately 730,000 transplants since 1993) and is a reliable and safe partner for the sustain-able care

of patients with tissue defects. Additionally, the DIZG is the only institution in Germany to provide autologous cell cultures for severely burned patients. **In 2022, 21 cases were processed.**

With the assistance of our internal research and development department and collaborations with external clinics and research centers, we continuously expand the range of transplants we offer.

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**DEUTSCHES INSTITUT FÜR
ZELL- UND GEWEBEERSATZ**

Gemeinnützige Gesellschaft mbH





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