



10TH E.S.T.R.O.T. CONGRESS

Chairman:
Professor Thierry Bégué

Preliminary Program

11-12-13 JUNE 2026

Research Building Paris-Saclay - Medical School - Le Kremlin-Bicêtre



E.S.T.R.O.T.

European Society of Tissue Regeneration in Orthopaedics and Traumatology

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OBJECTIVES

The objectives of the Society are:

To relieve sickness in particular by advancing and promoting education and research in the treatment of musculoskeletal disorders.

To cover all matters relating to the progress and development of the field of tissue regeneration including surgery of bone, cartilage, muscle, nerve, skin, imaging techniques, rehabilitation and other related medical specialities.

To disseminate the useful results of tissue regeneration research into the medical profession.

To promote audit of hard and soft tissue reconstruction in relation to patient outcomes.

To guide European Tissue Regeneration Policies and to guide alliances of similar organisations from other continents.



E.S.T.R.O.T.

European Society of Tissue Regeneration in Orthopaedics and Traumatology

TOPICS

- Bone defect repair : induced membrane versus Bone transport
- Stem cells and Bone repair
- Scaffolds, biomaterials and Bone regeneration
- Antibiotic choices in bone infection
- Atrophic bone non-union
- Cartilage regeneration and MSC
- Meniscus : regeneration or artificial implants
- Guide nerve regeneration
- Sarcopenia
- Integration of allografts

Register now





FACULTY



Volker Alt - Regensburg, Germany

Chris Arts - Maastricht, The Netherlands

Jean Charles Auregan - Paris, France

Onder Aydingoz - Istanbul, Turkey

Fernando Baldy dos Reis - Rio de Janeiro, Brasil

Thierry Bégué - Paris, France

Robert Bjorkenheim - Helsinki, Finland

Taco Blokhuis - Maastricht, The Netherlands

Charlie Bouthors - Paris, France

Giorgio Maria Calori - Milan, Italy

Christophe Chantelot - Lille, France

Paulo Felicissimo - Lisbon, Portugal

Peter Giannoudis - Leeds, UK

Nikolaos Kanakaris - Leeds, UK

Nina Lindfors - Helsinki, Finland

Ingo Marzi - Frankfurt, Germany

Alain Masquelet - Paris, France

Mehdi Miladi - Paris, France

Laurent Obert - Besancon, France

Charles Pioger - Boulogne, France

Gerhard Schmidmaier - Heidelberg, Germany

Benoit Villain - Paris, France

12:30 - 13:30	Registration
13:30 - 14:00	Welcome and program presentation - <i>M. Humbert</i> (Dean of Medical School) - <i>T. Begué</i>
	SESSION1 - Moderator: <i>J.C. Auregan</i>
14:00 - 14:30	Spotlight Lecture 1 Use of Bioactive glass 45S5 in Spine Surgery : our experience - <i>C. Bouthors</i>
14:30 - 15:00	Spotlight Lecture 2 What are the Bone substitutes validated for Spine fusion : An Evidence Based approach <i>J.C. Auregan, M. Miladi</i>
15:00 - 15:45	Workshop 1 : (LabforSim, room 1)
15:45 - 16:30	Workshop 2 : (LabforSim, room 1)
16:30 -17.15	Workshop 3 : (LabforSim, room 1)
17:15 - 17:45	Coffee break
	SESSION 2 - Moderator: <i>G. Schmidmaier</i>
17:45 - 18:30	Round table : Which Bone substitutes I am using in Regenerative Surgery and why <i>N. Lindfors, N.Kanakaris, T. Blokhuis, V. Alt</i>
18:30 - 18.50	Polytherapy for long bone non-unions: the Maastricht experience - <i>T. Blokhuis</i>
18.50	End of the day

SESSION 3 - Moderator: *G. M. Calori*

- 08:30 - 08:50 Patient-individually 3D-printed Polycaprolactone Scaffolds and Bioactive Glass for treatment of large size bone defects - *G. Schmidmaier*
- 08:50 - 09:10 Cost implications of Bone Defect Management using the Masquelet Technique versus Distraction Osteogenesis - *N. Kanakaris*
- 9:10 - 09:30 The microenvironment of fracture non-union: an update - *P. Giannoudis*
- 09:30 - 09:50 Influence of Bioglass on all aspects of the Diamond concept - *R. Bjorkenheim*
- 09:50 - 10:10 Are massive structural allografts usable in large segmental bone defects with the induced membrane technique - *B. Villain*
- 10:10 - 10:30 Bacteriophages: role in the management of orthopedic infections - *N. Lindfors*
- 10:30 - 11:00 Coffee break - Visit of exhibit
- 11:00 -12:00 SESSION 4 - FREE PAPER SESSION : BONE REGENERATION
Moderators : *B. Villain, N. Lindfors*
- 12:00 - 12:30 **Keynote lecture** : Management of chronic Bone infection after Trauma. My experience
F. Baldy dos Reis

- 12:30 - 13:00 Keynote lecture : The induced membrane technique for Bone regeneration : How it began ? *A.C. Masquelet*
- 13.00 - 14.00 LUNCH AND VISIT OF EXHIBIT
- SESSION 6 - Moderator: *I. Marzi*
- 14.00 - 14.20 Latest innovations in Mesenchymal stem cell isolation and concentration- *P. Giannoudis*
- 14.20 - 14.40 What kind of bone substitutes might be useful in the treatment of FRI - *G. Schmidmaier*
- 14.40 - 15.00 Rationale and Modes of Delivery of Local Antibacterials - *N. Kanakaris*
- 15.00 - 15.20 Next generation scaffolds for Large Bone Defects: Integrating Immunomodulation and 3D printable functionality - *I. Marzi*
- 15:20 - 16:10 SESSION 7 - FREE PAPER SESSION : CELLS RESEARCH AND CLINICAL APPLICATIONS
Moderators: *P. Giannoudis, C. Arts*
- 16:10 - 16:30 Coffee break
- SESSION 8 - Moderator : *T. Blokhuis*
- 16:30 - 17:30 Round table : Fracture related infection. Where are we ?
- Prevention of implant-related infection - an update on available technologies - *N. Kanakaris*
 - The use of Bioactive glass (S53P4) in the treatment of FRI - *G. Schmidmaier*

- 17:30 - 17:50 Influence of Sarcopenia on tissue regeneration in Orthopedics and Trauma - *P. Felicissimo*
- 17:50 - 18:10 Meniscal allograft or meniscal substitute. What is the best in 2026 - *C. Piogier*
- 18:10 - 18:30 Nerve regeneration. What are the possibilities ? - *L. Obert*
- 18:30 - 19:00 SESSION 9 - AWARDS Ceremony
- 19:00 - 19:30 ESTROT General Assembly

SESSION 10 - Moderators: : *T. Begue, F. Baldy dos Reis*

08:30 - 10:30 SYMPOSIUM : BONE TRANSPORT VERSUS MASQUELET TECHNIQUE

- in acute bone defects : *I. Marzi , T. Begue*

- in nonunions (aseptic and infected) - *F. Baldy dos Reis , B. Villain*

- Bone transport with ExFix or Nail - *O. Aydingoz, C. Chantelot*

10:30 - 11:00 Coffee break and visit to exhibit

11:00 - 12:00 SESSION 11 - FREE PAPERS - NEW TECHNOLOGIES, FUTURE DEVELOPMENT, MISCELLANEOUS
Moderators : *B. Villain, C Arts*

12.00 CLOSURE

REGISTRATION FEES

REGISTRATION FEES (VAT included)	UNTIL 30/04/2026	FROM 01/05/2026
Medical Doctors Member*	200,00 €	250,00 €
Medical Doctors Non Member*	350,00 €	€ 400,00 Joining ESTROT membership (fee € 50,00) will imply 10th ESTROT Members Registration fee € 250,00
Scientist, Residents and Researchers	75,00 €	100,00 €
Students and Nurses	50,00 €	75,00 €
Exhibitors	150,00 €	200,00 €
One day registration Member*	100,00 €	150,00 €
One day registration Non Member*	150,00 €	200,00 €

AWARDS	
Free papers	
Gold	€ 1.000,00
Silver	€ 500,00
Bronze	€ 250,00
Poster	€ 250,00

The registrations will be accepted in a chronological order and must have the copy of payment

Cancellation policy: registration fees are non refundable