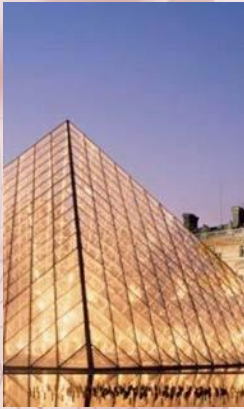




2nd ESTROT CONGRESS

European Society of Tissue Regeneration in Orthopaedics and Traumatology



CHAIRMAN: *Thierry Bégué*



June, 27th, 28th, 29th 2016

Paris, Medical School

Dear Colleague, Dear Friend,

It is a great honor to organize the 2nd congress of our rather young society ESTROT, where we shall be able to share our experience in reconstruction of the locomotor apparatus in all of its components.

ESTROT is a combined society devoted to clinicians and researchers, and discussions between us will guarantee new developments for a better healthcare to our patients. This second congress will focus on different topics with a clear view of where we are and where we try to go. So we shall get an update on bone reconstruction, cartilage repair, tendon reconstruction, new trends for ligament reconstruction, nerve regeneration. BMP, PRP and MSC will be at the center of our discussions during the entire meeting. To stay on top of clinical and experimental research, just join this 2nd ESTROT meeting.

Paris is looking forward to meeting you.

Thierry Bégué

ESTROT Founders:

President

Giorgio M. Calori

Vice-President

Gerhard Schmidmaier

Secretary General

Peter V. Giannoudis

Treasurer

Thierry Bégué

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Capanna Rodolfo

De Biase Pietro

Hamish Simpson

Kanakaris Nikolaos

Larsson Sune

Mark Phillips

Verdonk René

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TOPICS

- › *PRP in Cartilage and Tendon repair (or reconstruction)*
 - › *Biocomposite in ACL reconstruction*
 - › *Biological chambers*
 - › *MSC what we do, what we can do*

ABSTRACT SUBMISSION: DEADLINE 15/04/2016
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- 13.00 Welcome allocution
T. Bégué, Chairman of the meeting
- 13.15 ESTROT society presentation
G.M. Calori, President of ESTROT
- 13.30 Innovation and new technologies in Paris-Sud University
J. Bittoun, President of Paris-Sud University. Orsay
- 14.00 Innovations in Surgery and Regenerative research at Paris-Sud Medical School
S. Bobin, Dean of Medical School.

1ST SESSION : BONE

- 14.30 **Keynote lecture:** Fractures and patients at risk of non-union
M. Phillips
- 15.00 **ROUND TABLE:** management of risk factors to prevent non-union. A European perspective:
**T. Blokhuis, P. Cherubino, AC Masquelet
J. Vaquero, G. Zimmermann**
- 16.00 Coffee break

2ND SESSION CARTILAGE

- 16.30 **Keynote lecture:** Is Mosaicoplasty the Gold Standard for regenerative therapies of cartilage ?
E. C. Rodriguez-Merchan (SP)
- 17.00 **ROUND TABLE:** Cartilage defects in the lower limb
I prefer mosaicoplasty - **R. Radulescu**
I prefer stem cells implantation - **M. Marcacci**
I prefer microfractures - **D. Hannouche**
I prefer Scaffold implantation

3RD SESSION : TENDON

- 14.30 **Keynote lecture:** Tendon reconstruction using PRP. What is the evidence? - **F. Benazzo**
- 15.00 **FREE PAPER SESSION ON TENDON RECONSTRUCTION**
10 papers of 6')
Moderators : **Ph. Hardy, N. Kanakaris**
- 16.00 Coffee break

4TH SESSION : SKIN

- 16.30 Skin regenerative therapies : Are commercial products really effective ? What is the evidence? - **L. Obert**
- 17.00 **ROUND TABLE:** Skin regenerative procedures. What am I using and for what?
Lataillade, Bey, S. Marheuzier, J. Simmons

Bourneville Room

1ST RESEARCH SESSION CARTILAGE

- 14.30 **Keynote lecture:** Subchondral bone : new frontiers for biological reconstruction? - **M. Marcacci**
- 15.00 **ROUND TABLE:** In vitro survivorship of cartilage cells
H. Petite , E. Kon , F. Forriol , P. Duda , Gomes
- 16.00 Coffee break

FREE PAPER RESEARCH SESSION

Subject: Bone (15 papers of 6')
Moderators: **P. Cherubino , O. Gagey**

5TH SESSION CELLS

- 08.30 MSC's in bone non-union. How to get them ? My practice and evolution - **P. Hernigou**
- 09.00 **ROUND TABLE:** cells in bone non-union
- The life of stem cells - **P. Giannoudis**
- Hypoxia and Glucose for MSC's survival - **H. Petite**
- Stimulation of MSC's development - **H. Simpson**
- How I use MSC's for regenerative surgery in musculoskeletal system - **M. Marcacci**
- 10.00 Coffee break

6TH SESSION

- 10.30 **Lecture:** Free vascularized transfers for critical bone size defects after tumor resection. How to get a success in difficult cases – **R. Capanna**
- 11.30 **Lecture:** Reconstruction with induced membrane : theory, results, tips and tricks - **A.C. Masquelet**

7TH SESSION : BONE NON-UNION WITHOUT BONE DEFECT

- 08.30 **Keynote lecture:** Non-unions in the upper limb: evaluation and treatment - **L. Obert**
- 09.00 **ROUND TABLE:** Non-union without bone defect: My preferred method of treatment
P. Cherubino, N. Maroudias, S. Larsson, G. Zimmermann, O. Aydingoz
- 10.00 Coffee break

8TH SESSION : GROWTH FACTORS

10.30 **Keynote lecture:** Growth factors and regenerative therapies
G. Schmidmaier

11.00 **FREE PAPERS** on Growth factors. (15 papers of 6').
Moderators: *G. Schmidmaier, J.C. Auregan*

Bourneville Room

9TH SESSION : NERVE

08.30 **Keynote lecture:** Regenerative therapies (cells and growth factors) in nerve reconstruction - *M. Chammas*

09.00 **FREE PAPERS** on nerve regenerative procedures
Moderators: *L. Obert, H. Simpson*

10.00 Coffee break

10TH SESSION FREE PAPER on Bone substitutes (15 papers of 6')

10.30/12.30

Moderators : *J. Salo, C. Arts*

12.30 Lunch and satellite symposia

11ST SESSION BONE : NON-UNION WITH CRITICAL BONE DEFECT

- 14.30 Treatment of critical sized acute bone defects using regenerative therapies - ***T. Bégué***
- 15.00 **ROUND TABLE:** Bone defects management. My preferred method of treatment
E. Guerado, A. Martson, P. Giannoudis, K. Aktuglu, P. Cherubino, P. Hoffmeyer
- 16.00 Coffee break

12TH SESSION : CARTILAGE, REGENERATIVE THERAPIES

- 16.30 **Keynote lecture:** Early Osteoarthritis : biological solutions - ***E. Kon***
- 17.00 **ROUND TABLE:** chondrocyte transplantation. What is the evidence.-
E. Kon, H. Petite, D. Hannouche

13TH SESSION MENISCUS

- 14.30 **Keynote lecture :** Meniscus allograft. Is there an alternative in regenerative therapies ? - ***R. Verdonk***
- 15.00 **ROUND TABLE:** Regenerative therapies in meniscus repair
F. Benazzo, P. Beaufils
- 16.00 Coffee break

14TH SESSION : SCAFFOLD

- 16.30 How I choose the correct scaffold for post-traumatic defects
N. Kanakaris
- 17.00 Types of scaffolds. Advantages and pitfalls. Algorithm to decide.
View from research - *C. Arts*
- 17.30 Scaffolds for reconstruction of massive defects in revision
arthroplasties - *A. Martson*

Bourneville Room

15TH SESSION FREE PAPER

Topic : Bio-implants (15 papers of 6')

14.30/16.00

Moderators : *V. Molina, N. Borici*

- 16.00 Coffee break
- 16.30 **ESTROT** General Assembly
- 17.30 **ESTROT** Board meeting

16TH SESSION RESEARCH : PRP IN REGENERATIVE SURGERIES

0.800 – 10.00

10.00 Coffee break

17TH SESSION FUTURE ADVANCES

10.30 **Keynote lecture:** Massive prosthesis for bone defects over reconstructive possibilities - **G.M. Calori**

11.00 **ROUND TABLE:** Tribology session of massive prosthesis
F. Gouin, J. Vaquero, N. Maroudias (CYP), **G.M. Calori** (IT)

12.30 **Closure of the Meeting**

Amphi B

18TH SESSION : BONE INFECTION

08.30 **Keynote lecture:** Bioglasses in reconstruction surgery after infection - **T. Bégué**

09.00 **FREE PAPER SESSION:** Infected non-union. Biological management
Moderators: **G. Schmidmaier, N Kanakaris**

10.00 Coffee break

Bourneville Room

**19TH SESSION SCAFFOLD, DBM AND BMP'S
EDUCATIONAL PROGRAM – ICL**

08.30 The Diamond concept in regenerative surgery - **P. Giannoudis**

09.00 Non-union scoring system - **G.M. Calori**

09.30 The RIAS system in Regenerative therapies. A combined tool
G. Schmidmaier

10.00 Coffee break

NOTE

GENERAL INFORMATION



VENUE:

University Paris Sud

Faculté de médecine - Kremlin Bicêtre

63, rue Gabriel Péri 94276 Le Kremlin-Bicêtre cedex

REGISTRATION

Medical Doctors	€ 350,00 (taxes included)
Student, Residents and Nurses	€ 100,00 (taxes included)
Researchers	€ 150,00 (taxes included)
Industry Attendees	€ 150,00

Fees are taxes included increased by 50 euros after 01/06/2016

Cancellation Policy: Registration fees are non refundable

Registration fee includes:

Participation to scientific sessions.

Congress bag, lunch and coffee breaks

Badge and certificate of attendance

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