

29.11

# SYMPOSIUM

Advancing Regenerative Medicine  
in Uro-Gynaecology and Beyond

## SCIENTIFIC PROGRAM

@Hospital Universitari Dexeus

Endorsed by



A three-party collaborative initiative



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## Welcome & Registration | 08:00 - 08:15

## Welcoming Words & Opening Remarks | 08:15 - 08:30

08:15 - 08:20

### **Perspective on Regenerative Medicine in Uro-Gynaecology**

Pere Brescó i Torras, President SEGO, MD (Barcelona, Spain)

08:20 - 08:30

### **What is the role of Regenerative Medicine in Urology and Gynaecology, and beyond**

Antonella de Ponte Davi, Obstetrics & Gynaecology, MD (Barcelona, Spain) & Sam Ward, Uro-Andrology, MD (Brussels, Belgium)

## Uro-Andrology | Part I | 08:30 - 09:30

### **Treating Penile Issues | Erectile Dysfunction & Peyronie's Disease**

08:30-08:45

### **Autologous preparations in ED & PD; disease context, current treatment, and the regenerative routes**

Sam Ward, Uro-Andrology, MD (Brussels, Belgium)

08:45-08:55

### **Platelet-Rich Plasma (PRP) Improves Erectile Function: A Double-Blind, Randomized, Placebo-Controlled Clinical Trial**

Dimitris Hatzichristou, Uro-Andrology, MD, PhD (Thessaloniki, Greece)

08:55-09:05

### **Regenerative treatment with Platelet-Rich Plasma in patients with refractory Erectile Dysfunction: short-term outcomes and predictive value of mean platelet volume**

Antonio Aversa, Endocrinology & Andrology, MD, PhD (Catanzaro, Italy)

09:05-09:15

### **Restorative therapies for Erectile Dysfunction**

Ranjith Ramasamy, Uro-Andrology, MD (Dubai, UAE)

09:15-09:23

### **Clinical evaluation for treating Erectile Dysfunction in Spain from a private-led initiative**

José Benítez Molina, Urology, MD (Madrid, Spain)

*Presentation by* Ramón Almendro Hodgson (Madrid, Spain)

09:23-09:30

### **UK context and working group on International guidelines for patient selection and treatment techniques**

Wai Gin (Don) Lee, Uro-Andrology, MD PhD (London, United Kingdom)

## Breather break | 09:30-09:45

## Uro-Andrology | Part II | 09:45 - 10:45

### Treating Penile Issues | Erectile Dysfunction & Peyronie's Disease

09:45-09:55

#### **Non-invasive treatments of Peyronie's Disease in 2024 - "PRP in centre-stage"**

Frédéric Obadia, Uro-Andrology, MD (Nice, France)

09:55-10:05

#### **Advances in stem cell therapy for the treatment of Peyronie's Disease**

Mohamad Moussa, Urology, MD (Beirut, Lebanon)

10:05-10:15

#### **Injection Therapy for Peyronie's Disease**

Ranjith Ramasamy, Urology, MD (Dubai, UAE)

10:15-10:20

#### **Disease epidemiology in Tunisia, the treatments in place and our regenerative practice**

Hela Hassene, Sexology, MD &

Neil Chelbi, Uro-Andrology, MD (Ariana, Tunisia)

10:20-10:25

#### **Disease epidemiology in Morocco, the treatments in place and our regenerative practice**

Redouane Rabii, Uro-Andrology, MD, PhD (Casablanca, Morocco)

10:25-10:30

#### **Exploration in France of percutaneous needle tunnelling with platelet-rich plasma injections for Peyronie's Disease in the outpatient setting**

Davy Benarroche, Surgery-Urology, MD (Paris, France)

*In representation of* Sébastien Beley, Uro-Andrology, MD (Paris, France)

10:30-10:45

#### **PRP Research Challenges | Debate + Q&A**

*Moderated by*

Dimitris Hatzichristou, Uro-Andrology, MD, PhD (Thessaloniki, Greece)

**Coffee break | 10:45-11:15**

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## Sexual Medicine | Part I | 11:15 - 12:15 Tackling Gender-neutral Pathologies, Surgical situations, and Healing Scars

11:15-11:30

**Genital Dermatoses, neglected pathologies, and the regenerative route**  
Antonella de Ponte Davi, Obstetrics & Gynaecology, MD (Barcelona, Spain)

11:30-11:40

**Comparative evaluation of the performance and safety of Cellular Matrix A-CP-HA kit, for the preparation of a combination of platelet-rich plasma and hyaluronic acid, versus normal saline in patients suffering from Lichen Sclerosus**  
Agnieszka Nalewczyńska, Obstetrics & Gynaecology, MD, PhD (Warsaw, Poland)

11:40-11:50

**Vulvar Lichen Sclerosus (LS): Epidemiology, Treatments and Regenerative Practice in Spain**  
Teresa Gómez Sugrañes, Obstetrics & Gynaecology, MD, PhD (Barcelona, Spain)

11:50-12:00

**Platelet-Rich Plasma for genital Lichen Sclerosus: analysis and results of 94 patients. Are there gender-related differences in symptoms and therapeutic response to PRP?**  
Marinella Tedesco, Plastic & Reconstructive Surgery, MD, (Rome, Italy)  
*Live Transmission*

12:00-12:10 | Q&A Session

Breather break | 12:10-12:25

## Sexual Medicine | Part II | 12:25 - 13:20 Tackling Gender-neutral Pathologies, Surgical Situations, and Healing Scars

12:25-12:40

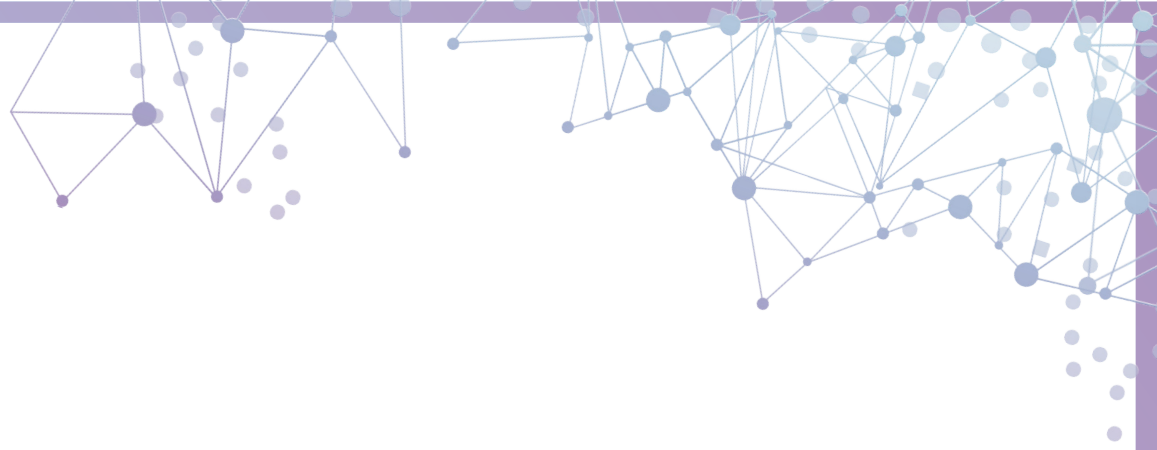
**Using combined regenerative therapies in the operating room - General outlook of accumulated experience at Hospital *Henri-Mondor***  
Brice Tchakerian, Surgery, MD (Paris, France)

12:40-12:50

**Autologous preparations in surgical and scars management settings, disease context, current treatment, and the regenerative routes**  
Małgorzata Uchman, Obstetrics & Gynaecology, MD, PhD (Warsaw, Poland)

12:50-13:00

**Autologous Platelet-Rich Plasma in Clitoral Reconstructive Surgery After Female Genital Mutilation/Cutting: A Pilot Case Study**  
Sarah Berndt, Biomedical & Pharmaceutical Sciences, PhD (Geneva, Switzerland)



13:00-13:10

**Application of Autologous Platelet Gel in Penile Implant Surgery, preliminary cases in France**

Frédéric Obadia, Uro-Andrology, MD (Nice, France)

**13:10-13:20 | Q&A Session**

**Lunch break | 13:20-14:25**

**Sexual Medicine | Part III | 14:25-15:20**  
**Applications in Human Reproduction & Fertility Matters**

14:25-14:40

**Male and female infertility aetiology, diagnosis, and treatments - a regenerative medicine perspective**

Francesco Lotti, Endocrinology, MD, PhD (Florence, Italy)

14:40-14:50

**Therapeutic Effects of Mesenchymal Stem Cell Conditioned Medium in Rat Varicocele Model**

Ege Can Şerefoğlu, Urology, MD (Istanbul, Turkey)

14:50-15:00

**Autologous Platelet Rich Plasma intracortical ovarian injection restored ovarian function and folliculogenesis in poor responders after one month: a control pilot study**

Gligor Dimitrov, Obstetrics & Gynaecology, MD, PhD, (Skopje, Macedonia)

15:00-15:05

**Ovarian rejuvenation protocols : what is the evidence ?**

Wassim Badiou, Obstetrics & Gynaecology, MD (Antibes, France)

15:05-15:10

**Male sexual and reproductive health: from research to the clinical practice**

Ana Puigvert-Martínez, Uro-Andrology, MD (Barcelona, Spain)

**15:10-15:20 | Q&A Session**

**Breather break | 15:20-15:35**



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## Gynaecology | Part I | 15:35-16:25

### Addressing Vulvovaginal, Perineal, and Uterine Issues | From Pelvic-floor Complications, to Menopause-derived Discomfort

15:35-15:50

**Practical aspects of treating postpartum scars and dyspareunia, as well as other applications of Platelet-Rich Plasma in Gynaecology**

Nataliya Lakotko, Obstetrics & Gynaecology, MD, PhD (Minsk, Belarus)

15:50-16:00

**Vaginal Explants Exposed to Autologous Blood-Derived Products: Analysing the Regenerative Effects**

Sarah Berndt, Biomedical & Pharmaceutical Sciences, PhD (Geneva, Switzerland)

16:00-16:05

**Clinical cases of treating women with pudendal neuralgia with regenerative medicine in Spain**

Marta Homs Riera, Anaesthesiology, MD (Barcelona, Spain)

16:05-16:10

**Autologous Platelet-Rich Plasma (A-PRP) combined with pelvic floor muscle training for the treatment of female stress urinary incontinence (SUI): A randomized control clinical trial**

Orawee Chinthakanan, Uro-Gynaecology, MD PhD (Bangkok, Thailand) |  
*Video recorded contribution*

16:10-16:15

**Advanced repair of recurrent and low-large hysterotomy defects using a myometrial glide flap**

José Palacios-Jaraquemada, Obstetrics, MD PhD (Buenos Aires, Argentina) |  
*Video-recorded contribution*

**16:15-16:25 | Q&A Session**

**Coffee break | 16:25-16:40**



## Gynaecology | Part II | 16:40-17:50

### Addressing Vulvovaginal, Perineal, and Uterine Issues | From Pelvic-floor Complications, to Menopause-derived Discomfort

16:40-16:55

**Autologous preparations in Vulvovaginal Dryness (VVD); disease context, current treatment, and the regenerative routes**

Ksenija Šelih Martinec, Obstetrics & Gynaecology, MD (Ljubljana, Slovenia)

16:55-17:05

**Comparable Efficacy of Submucosal Platelet-Rich Plasma and Combined Platelet-Rich Plasma Non-crosslinked Hyaluronic Acid Injections in Vulvovaginal Atrophy: A Cancer Survivorship Issue**

Salma Samir Omar, Andrology, MD (Alexandria, Egypt)

17:05-17:15

**The efficacy of combined autologous Platelet-Rich Plasma and non-cross-linked Hyaluronic Acid in women with Genito-Urinary Syndrome of Menopause (GUSM) - A randomized controlled trial**

Antonella de Ponte Davi, Obstetrics & Gynaecology, MD (Barcelona, Spain)

17:15-17:25

**Platelet-Rich Plasma Plus Hyaluronic Acid – A New Approach for Treating Dysuria in Women**

Agnieszka Nalewczyńska, Obstetrics & Gynaecology, MD, PhD (Warsaw, Poland)

17:25-17:30

**A woman having undergone radiotherapy is a woman who needs PRP**

Małgorzata Uchman, Obstetrics & Gynaecology, MD PhD (Warsaw, Poland)

17:30-17:35

**“Regenerative oncology” – Genito-Urinary Syndrome of Menopause (GUSM) in cancer patients and possible advantages of the regenerative approach**

Sonia Baulies Caballero, Obstetrics & Gynaecology, MD PhD (Barcelona, Spain)

**17:35-17:50 | Q&A / Debate**

## Wrap-up & Closing Words | 17:50-18:00

**Where do we go from here?**

Organising Committee

## WHAT IS UNDERSTOOD BY REGENERATIVE MEDICINE ?

In an effort to unify and simplify scientific terminology specific to the realm of “Regenerative Medicine”, the members of the Organising Committee propose the use of the acronym FABs (Fresh Autologous Biologics), the definition of which encompasses preparations obtained through the manipulation of these organic human source materials; peripheral blood, bone marrow, and adipose tissue; for the purpose of therapeutic treatments or applications that may be carried out with their respective derived outcomes:

- Blood-derived FABs: such as Platelet-Rich Plasma (PRP) and by-products
- Marrow and Adipose-derived FABs: such as Mesenchymal Stem Cells (MSCs)

as well as other medicinal procedures (mono and/or combined) that may be considered novel, preferably obtained using a certified medical device with a specific intended use.

## WHY FOCUS ON URO-GYNAECOLOGY ?

In comparison to some medical specialities where “Regenerative Medicine” is making its way to being generally regarded as an accepted treatment option, it appears that applications in Sexual Medicine - in the broader sense, as encompassing numerous disciplines - currently remain in the early stages of clinical exploration and scientific understanding.

The aim of this symposium is to draw light on the various incipient initiatives and encourage dialogue among pioneering professionals in their respective fields to encourage intelligent approaches and potentially define new standards of care for remedying patients facing increasingly common and challenging conditions, regardless of age, race, and gender identity.

# ADVANCING REGENERATIVE MEDICINE AND BEYOND

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The Biobridge Foundation promotes scientific research in Regenerative Medicine, in particular cell therapies, gathering multi-disciplinary healthcare professionals on a regular basis through educational and training events worldwide.



Dexeus Mujer is the women's health unit of University Hospital of Dexeus, offering a comprehensive care in Obstetrics, Gynaecology, and Reproductive Medicine. The units counts on 100 team of specialists in women's health providing high-quality medical care through teamwork and the most advanced technologies.



Regen Lab is a global commercial-stage medical technology company specialised in the research, development, registration, manufacturing and commercialisation of proprietary tissue engineering solutions since 2003.

Active in more than 90 countries, the core technology focuses on medical devices for the preparation of fresh autologous Platelet-Rich Plasma (PRP)-based procedures, consisting in reinjecting the patient's own cells and platelets into lesions to stimulate tissue healing.



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