

1st International Conference on Repair, Regeneration & Reconstruction



25th-27th September 2014 The Royal Institution of Great Britain, Mayfair, London

International Conference on Repair, Regeneration and Reconstruction

25-27th September 2014

Royal Institution, London, United Kingdom

Translational tissue repair, regeneration and reconstruction holds great promise for the future of medicine, creating a new frontier in healthcare delivery and international research priorities. With its ever-growing role in healthcare, especially in reconstructive surgery, it will soon lead to more personalised treatment. With the potential to greatly change the way we treat the aging population, it represents one of the most exciting research areas in medicine and surgery.

Our Vision:

To achieve real advances in human health by creating a forum for the dissemination of research in repair, regeneration and reconstruction between the brightest minds in biomedical research from around the world.

Our Mission:

- To act as a bridge between science and surgery, enabling translation of concepts from the laboratory to real therapies and treatments.
- To offer an exciting opportunity for scientists and physicians to discuss their latest work and future challenges in a uniquely interactive, stimulating and lively format.
- To foster support for commercialisation of reconstructive and regenerative technologies.

International Conference on Repair, Regeneration and Reconstruction

The Royal Institution,

Mayfair, London, United Kingdom, 25th-27th September 2014

Organising Committee: Sammy Al-Benna, Ciaran O'Boyle

Confirmed Keynote Speakers

Prof Elof Eriksson, MD, PhD - Harvard Medical School & Chief of Plastic Surgery - Brigham and Women's Hospital (USA)

Prof Charles E Butler, MD, FACS - University of Texas & Chief of Plastic Surgery - MD Anderson (USA)

Prof Paul S Cederna, MD, PhD, FACS - University of Michigan & Chief of Plastic Surgery - Ann Arbor (USA)

Prof. Ming-Huei Cheng, MD, MHA - Chang Gung University & Chief of Plastic Surgery - Taipei (TWN)

Prof Bernard Devauchelle, MD, PhD - University of Amiens-Picardy & Chief of Maxillo-Facial Surgery - CHU Amiens-Picardie (FRA)

Prof. Juan Pedro Barret Nerin, MD - University of Barcelona & Chief of Plastic Surgery - Hospital Universitario Vall d'Hebron (SPN)

Dr Benoit Hendrickx, MD, PhD - University Hospital Brussels & Attending Physician in Plastic Surgery - Brussels (BEL)

Lt Col Prof Steven Jeffery, MB ChB, FRCS(Plast) - City University (UK) & Consultant Plastic Surgeon - Birmingham (UK)

Prof Aernout Lutton, PhD - Catholic University of Leuven & Head of Molecular and Vascular Biology - Leuven (BEL)

Prof Michael W Neumeister, MD, FRCS(C), FACS - Southern Illinois University & Chief of Surgery - Springfield (USA)

Prof. Bohdan Pomahac, M.D., PhD - Harvard Medical School & Director of Plastic Surgery Transplantation - Brigham and Women's Hospital (USA)

Prof Lars Steinstraesser, MD, FACS - European Medical School Oldenburg-Groningen & Chief of Plastic Surgery - Oldenburg (DEU)

Prof Rica Tanaka, MD, PhD - Juntendo University & Attending Physician in Plastic Surgery - Tokyo (JPN)

Prof Jan Vranckx, MD, PhD - Catholic University of Leuven & Chief of Plastic Surgery - Leuven (BEL)

Prof Stephen M Warren, MD, PhD - NYU Langone (USA) & Director, Clinical Research - New York (USA)

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THURSDAY 25TH SEPTEMBER 2014

FARADAY THEATRE

09:00 Introductions

09:30 Key Note Lecture: Repair Regeneration, Reconstruction – Past, Present & Future

10:00 Key Note Lecture: What Can Be Achieved Right Now? Advances and Lessons Learnt from

the British Military Experience.

10:30 Key Note Lecture: Setting Up and Conducting Ground-Breaking Tissue Research

11:00 Questions and Answers

11:15 ----- Coffee Break -----

11:30 Government Perspectives on Complex Tissue Research and Support

12:00 Questions and Answers

12:15 Closing Remarks

PARALLEL SESSION

10:45 Getting Involved in Tissue Research – An Undergraduate Perspective

11:45 Tissue Engineering and Regeneration Studentships and Fellowships Showcase

FRIDAY 26TH SEPTEMBER 2014

FARADAY THEATRE

08:30 Introductions

08:45 Key Note Lecture: Advances in Skin Repair, Regeneration & Reconstruction

09:15 Free Paper Session – Skin and Fat Repair, Regeneration & Reconstruction

10:30 ----- Coffee Break -----

10:50 Key Note Lecture: Advances in Fat Engineering & Regeneration

11:20 Free Paper Session - Skin and Fat Repair, Regeneration & Reconstruction

12:20 Questions and Answers

12:30 ----- Lunch -----

13:30 Key Note Lecture: Advances in Tissue Regeneration & Reconstruction in Limb Injuries

14:00 Free Paper Session – Repair, Regeneration & Reconstruction in Bone, Muscle & Nerve 1

15:15 Questions and Answers

15:30 ----- Coffee Break -----

15:50 Key Note Lecture: Advances in Tissue Regeneration & Reconstruction Following Combat

Trauma

16:20 Free Paper Session - Repair, Regeneration & Reconstruction in Bone, Muscle & Nerve 2

17:15: Questions and Answers

17:30 Closing Remarks

PARALLEL SESSIONS

09:30 Sponsored Lecture

10:00 Questions and Answers

10:30 ----- Coffee Break -----

10:50 Short Oral Presentations - Bone, Muscle & Nerve Tissue Engineering & Regeneration.

11:30 Nerve Regeneration Symposium

12:30 ----- Lunch -----

13:30 Short Oral Presentations - Vascular Support in Regenerative Tissue Research

14:45 Patents and Intellectual Property Symposium

Patents – Protecting Your Discoveries

15:30 Industry Support For Your Research

16:15 UK NIHR Perspective on Support for Tissue Research

17:00 Questions and Answers

17:30 Closing Remarks

SATURDAY 27TH SEPTEMBER 2014

FARADAY THEATRE

09:00 Introductions

09:10 International Composite Tissue Allotransplantation Symposium

Hand & Limb Transplantation: Techniques, Results, Pitfalls & Lessons for the Future

10:00 Questions and Answers

10:20 ----- Coffee Break -----

10:40 Facial Transplantation: Techniques, Results, Pitfalls & Lessons for the Future

11:30 Immunology and Future Directions

12:10 Questions and Answers

12:30 ----- Lunch -----

13:30 Head and Neck Repair, Regeneration & Reconstruction

Key Note Lecture: Head and Neck Reconstruction: Where Next?

14:00 Free Paper Session – Tissue Engineering, Bioconstructs and Regeneration in Head and Neck

15:00 Questions and Answers

15:30 ----- Coffee Break -----

15:50 Key Note Lecture: Integrating Tissue Engineering, Scaffolds, Flaps.

16:10 Key Note Lecture: Translating Research into Practice

16:20 Questions and Answers

16:30 Long Oral Presentation and Short Oral Presentation Prizes

16:50 Closing Remarks

17:00 Close of Conference

PARALLEL SESSIONS

09:00 Lymphatic Reconstruction Symposium

10:10 Questions and Answers

10:30 ----- Coffee Break -----

10:50 Advances in Scaffolds and Biomaterials Symposium

11:50 Questions and Answers

12:00 Sponsored Lecture

12:30 ----- Lunch -----

13:30 Complex Wound Care Symposium

 Topical Negative Pressure

14:00 Infection Control in Wounds

14:30 Tissue Engineering and Regeneration in Complex Wounds

15:00 Questions and Answers

15:30 ----- Coffee Break -----