Registration & Fees
Registration is accepted online only through www.cartilage.org

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<th>Early Bird</th>
<th>Standard Fee</th>
<th>Onsite Fee</th>
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<td></td>
<td>Until Oct 30</td>
<td>Nov 01–Dec 20</td>
<td>From Dec 21</td>
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<tr>
<td>Junior Members, Residents, Students &amp; Fellows*</td>
<td>EUR 250.00*</td>
<td>EUR 300.00*</td>
<td>EUR 350.00*</td>
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<tr>
<td>ICRS Members</td>
<td>EUR 390.00</td>
<td>EUR 490.00</td>
<td>EUR 550.00</td>
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<td>Non ICRS-Members</td>
<td>EUR 490.00</td>
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<tr>
<td>Industry Associates</td>
<td>EUR 550.00</td>
<td>EUR 650.00</td>
<td>EUR 750.00</td>
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* To be accompanied by a certificate signed by the head of department.

Included in the Registration Fee
- Access to all Sessions
- Welcome Reception / Ice Breaker
- Coffee Breaks & Refreshments
- Access to Industry Exhibition
- Main Programme, Registration Material

Cancellation of Summit Registrations
Refunds for cancellations are as follows:
- 80 % refund for cancellations until Oct 30, 2018
- 50 % refund for cancellations until Dec 10, 2018
- No refund thereafter

Cancellation of the Summit by the Organizer
Congress fees will be reimbursed if the congress is cancelled for other reasons than war, warlike events, and acts of terrorism or sickness epidemics. In the latter circumstances, only a proportion of the congress fee would be refundable.

Summit Organizing Office
Cartilage Executive Office (CEO) GmbH
Spitalstrasse 190, House 3
8623 Wetzikon, Switzerland
Phone: +41 44 503 73 70
Email: valentina.zigrino@cartilage.org

Summit Venue
Hyatt Regency Mission Bay
1441 Quivira Road
CA 92109, San Diego, USA,
www.missionbay.regency.hyatt.com/en

Summit Language
English, no simultaneous translation will be available.

Accommodation (Venue)
Hyatt Regency Mission Bay
1441 Quivira Road
CA 92109, San Diego, USA,
www.missionbay.regency.hyatt.com/en

Hotel Reservations (Venue)
Special ICRS Rates (excl. VAT, Breakfast & Service)
Standard Room/SGL/DBL at 169.00 US++
Please book hotel rooms as early as possible but not later than December 10 through the link: https://book.passkey.com/go/ICRSSUMMIT2019

Updated Information
Please note that this is a preliminary programme. For updated information (topics, faculty, registration fees, etc.), please visit frequently our website www.cartilage.org

Important Dates
Deadline Course Registration (Early Bird Fee) Oct 30, 2018
50% Refund for Cancellations until Dec 10, 2018
No Refund for Cancellations after Dec 10, 2018
Deadline for Hotel Booking with special Rates Dec 10, 2018
Deadline Course Registration (Normal Fee) Dec 20, 2018
Increased Late Fees as from Dec 21, 2018

Industry Support & Exhibition
The Industry is invited to contribute and to support this important event. Affordable table top exhibits and sponsorship opportunities are available to expose and enhance your organization’s visibility. Interested Companies, please contact Valentina Zigrino (valentina.zigrino@cartilage.org)

Sponsors & Exhibitors

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**PRELIMINARY PROGRAMME**

**Wednesday, January 16, 2019**

19.00 - 21.00  Ice Breaker / Welcome Reception

**Thursday, January 17, 2019**

08:00 - 08:15  Welcome & Introduction
  Alberto Gabbi (IT) & John Lane (US)

**Session 1**  Overview of Orthobiologics
  Moderators: Alberto Gabbi (IT) & John Lane (US)
  08:15 - 08:30  Orthobiologics & Sports Medicine – Bert Mandelbaum (US)
  08:30 - 08:45  Physiology & Homeostasis: The Healing Response – Scott Rodeo (US)
  08:45 - 09:00  The So Called “ stem Cell Tourism” Time for Action – Arnold Caplan (US)
  09:00 - 09:15  Discussion / Q&A

**Session 2**  The Target
  Moderators: Tom Vangsness (US) & Steve Abelow (US)
  09:15 - 09:30  The Interaction of Orthopaedic Medicine & Orthopaedic Surgery – Brian Shiple (US)
  09:30 - 09:45  Evolving Perspectives in Orthobiologics: PRP & BMAC – Lisa Fortier (US)
  09:45 - 10:00  What is the Target: From the Lab to the Field – Don Grande (US)
  10:00 - 10:15  Discussion

10:15 - 10:45  Coffee Break / Exhibition

**Session 3**  Cartilage
  Moderators: Mats Brithberg (SE) & Stefan Nehrer (DE)
  10:45 - 11:00  Growth Factors: 20 Years’ Experience – Ramon Cugat (ES)
  11:00 - 11:15  Cell Based Therapies: 20 Years’ Experience – Tom Mines (US)
  11:15 - 11:25  One or Two Steps: Long Term Results – Alberto Gabbi (IT)
  11:25 - 11:40  Discussion

**Session 4**  Bone
  Moderators: Christian Lohmann (US) & Scott Rodeo (US)
  11:50 - 12:00  Chondrocyte & Bone Activity 1: Allograft Osteochondral Transplantation – B. Bughe (US)
  12:00 - 12:10  Bone Marrow Stimulation: New Possibilities – Fabio Scarretta (IT)
  12:10 - 12:30  Discussion

12:30 - 13:30  Business Lunch

**Session 5**  Meniscus
  Moderators: Alan Getgood (CA) & Gian Luigi Canata (IT)
  13:30 - 13:40  Early Meniscal Restoration as Prevention of OA: John Lane (US)
  13:40 - 13:50  Menisci Novel Approach – Peter Verdonk (BE)
  13:50 - 14:00  Meniscus: Scottsfold Long Term Results – Elkevita Kon (IT)
  14:00 - 14:20  Discussion

**Session 6**  Ligament & Muscle Healing
  Moderators: Brian Cole (US) & Murali Kappaneni (IN)
  14:20 - 14:40  New Bio Therapies for ACL Healing – Savio Woo (US)
  14:40 - 15:00  Orthobiologics in Muscular Healing – Johnny Huard (US)
  15:00 - 15:10  Biological Augmentation in ACL Repair – Alberto Gabbi (IT)
  15:10 - 15:20  Discussion

**Session 7**  Other Sources
  Moderators: Susanne Chubinskaya (US), Bert Mandelbaum (US)
  15:20 - 15:30  Amniotic Allogenic Tissue: Cells & Matrix – Jack Farr (US)
  15:30 - 15:40  Xenograft – Kevin Stone (US)
  15:40 - 15:50  Cultured Human MSC – James Hui (SG)
  15:50 - 16:00  Discussion

**Friday, January 18, 2019**

**Session 8**  Scaffolds
  Moderators: Emmauel Papamostes (GR), Christoph Eggelet (CH)
  08:00 - 08:10  Orthobiologics & Athletes – Jorge Chahla (US)
  08:10 - 08:20  Back to the Field – Seth Sherman (US)
  08:20 - 08:30  New Approach to Hip Disorders – Graeme Whyte (US)
  08:30 - 08:40  Cartilage Treatment Algorithm in the Elite Athlete – Aaron Krych (US)
  08:40 - 08:55  Discussion

**Session 10**  Orthobiologics NextGen
  Moderators: Seth Sherman (US) & Kai Mihtheuer (US)
  08:55 - 09:10  Orthobiologics in Tendons – Daniel Saris (NL)
  09:10 - 09:20  Rotator Cuff Muscle Degeneration & Strategies for Regeneration – Samuel Ward (US)
  09:20 - 09:30  Orthobiologics in Shoulder Problems – Brian Cole (US)
  09:30 - 09:45  Discussion

10:10 - 10:30  Coffee Break / Exhibition

**Session 12**  Orthobiologics & The Non-Surgical Clinician
  Moderators: Daniel Saris (NL), Deepak Goyal (IN)
  10:10 - 10:30  Rationale of Ortho-Biologic – Rocky Tuan (US)
  10:30 - 10:40  Regenerative Medicine: The Orthohealing Experience – St. Sampson (US)
  10:40 - 10:50  From Surgery to the Field – Stefano Della Villa (IT)
  11:00 - 11:10  Discussion

**Session 13**  Regulatory and Other Issues
  Moderators: Raif Gambardella (US), Stefan Marzouki (AT)
  11:10 - 11:20  Orthobiologics and Regulatory Limitations Copy-Ralf Gambardella (IT)
  11:20 - 11:30  Religious sentiments & Biological Products for Cartilage Therapy – Deepak Goyal (IN)

**Session 14**  The Giant Round Table
  Moderators: Alberto Gabbi (IT) & John Lane (US)
  11:40 - 12:30  Parallel: Rocky Tuan (HK), Arnold Caplan (US), Lars Peterse (SE), Brian Shiple (US), Scott Rodeo (US) – Discusses: Ken Zaslav (US), Nii Nakamura (JP), Bert Mandelbaum (US)
  12:30  Closing Remarks: Alberto Gabbi (IT)