Registration / Fees / Policy
Registration is accepted online only through www.cartilage.org.
Interested participants can either book Track 1 (surgical), Track 2 (basic science), or Track 3 (lectures only).

<table>
<thead>
<tr>
<th>All fees in Euros €</th>
<th>Early Bird</th>
<th>Regular June 13 – Aug 30</th>
<th>Onsite from Sep 01</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Surgical Skills Track (for Clinicians) Limited to 30 Tickets (incl. Hands-on Workshop B &amp; 1 Wet-lab D + all Course Lectures)</td>
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<tr>
<td>Juniors, Residents, Students*</td>
<td>€ 390.00*</td>
<td>€ 450.00*</td>
<td>€ 490.00*</td>
</tr>
<tr>
<td>ICRS Members</td>
<td>€ 490.00</td>
<td>€ 590.00</td>
<td>€ 650.00</td>
</tr>
<tr>
<td>Non-ICRS Members</td>
<td>€ 550.00</td>
<td>€ 650.00</td>
<td>€ 690.00</td>
</tr>
<tr>
<td>Industry Associates</td>
<td>€ 600.00</td>
<td>€ 700.00</td>
<td>€ 750.00</td>
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</tbody>
</table>

2. Laboratory Skills Track (for Basic Scientists) Limited to 30 Tickets (incl. Hands-on Workshop A & C + all Course Lectures)
Juniors, Residents, Students* | € 250.00* | € 350.00* | € 390.00* |
ICRS Members | € 350.00 | € 450.00 | € 500.00 |
Non-ICRS Members | € 400.00 | € 450.00 | € 490.00 |
Industry Associates | € 450.00 | € 500.00 | € 550.00 |

3. Lectures Only (for Everybody) Limited to 20 Tickets (no Workshops included)
Juniors, Residents, Students* | € 150.00* | € 190.00* | € 250.00* |
ICRS Members | € 200.00 | € 240.00 | € 300.00 |
Non-ICRS Members | € 250.00 | € 290.00 | € 350.00 |
Industry Associates | € 300.00 | € 340.00 | € 400.00 |

* To be accompanied by a certificate signed by the head of department.

Registration Cancellations & Name Changes
Written notification is required for all congress cancellations and name changes. Notifications should be sent to the Cartilage Executive Office office@cartilage.org.

Refunds for summit cancellations are as follows:
50% refund for cancellations until June 12, 2020. No refund thereafter.
Name changes will be charged with a fee of € 100.00.

Included in the Registration Fee:
Access to all Sessions & Industry Exhibition
1 x Welcome Drink
3 x Coffee Breaks
2 x Lunch
Course Registration Material
Certificate of Attendance

Payment
Fees are in Euros and are accepted as follows:
Bank Transfer, VISA, AMEX, Mastercard

Payments:

ICRS Membership Benefits
Attendees who apply for ICRS membership right before registration will immediately benefit from the highly reduced members’ fees. Membership applications should be done online before course registration. Please note that ICRS Members who are not in good standing with their membership dues 2019 and/or 2020 would be charged with the non-member fee.

Important Dates

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deadline Course Registration Early Fee</td>
<td>June 12, 2020</td>
</tr>
<tr>
<td>Deadline Cancellation of Registration (refund 50%)</td>
<td>June 12, 2020</td>
</tr>
<tr>
<td>Hotel Reservation</td>
<td>Aug 15, 2020</td>
</tr>
<tr>
<td>Deadline Course Registration Normal Fee</td>
<td>Aug 30, 2020</td>
</tr>
<tr>
<td>Increased Late Fees as from</td>
<td>Sep 01, 2020</td>
</tr>
</tbody>
</table>

Accommodation / Venue
Grand Hotel Karel V
Geertrudiswijk 1, NL-3511 XA Utrecht
www.karelv.nl

Rate: SGL/DBL: EUR 155.00 (includes VAT, Wi-Fi and excludes 6% tourist tax and breakfast buffet of 22,50 per person). We have secured a limited number of rooms. Participants are requested to book their hotel arrangements through our website with the hotel, latest until August 15, 2020 by indicating the Group Code “ICRSUTRECHT”. Rooms will be confirmed on a first come – first serve basis. To book a hotel room, please visit www.cartilage.org.

Faculty & Course Dinner
Take this unique opportunity to enhance your professional network with your colleagues and invited faculty in a relaxed and informal atmosphere. Sign-up for the course dinner, taking place on Friday from 19.00–22.00. Rate: 70 Euros (food & drinks included)

Summit Language
English, no simultaneous translation will be available.

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

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 Stephan Seiler (sseiler@cartilage.org).

Social Media – Follow us on:
#SKILLSOURCE
In Utrecht, we have a very long history of collaboration between clinicians, veterinarians, and translational/basic scientists. This is now highlighted in the organization of 2 parallel skills courses (each limited to 30 participants only): one for surgical skills and one for laboratory skills. In the true spirit of the ICRS, we will bring together the participants of these two courses to foster the interaction between clinicians and translational/basic scientists. Besides hands-on workshops, we will also specifically dedicate time to highlight how the basic scientist-clinician interaction and collaboration could fruitfully take place on a daily basis.

Utrecht is well known for its basic research on cartilage regeneration and bioprinting, as well as for its development of multiple joint preserving techniques, like knee joint distraction and a one-stage-cellar cartilage repair treatment. Furthermore, multiple (multicentre) clinical trials for cartilage repair have been performed. This provides, together with the Faculty of Veterinary Medicine and the Hubrecht Institute, a unique translational ecosystem that will be the setting for these dual ICRS Skills Courses. We set up combined plenary sessions with very experienced faculty. Further, two parallel tracks are organised. One for basic/translational researchers at the Hubrecht Institute and one for the clinicians including cadaveric surgery at the UMC Utrecht. If you have some spare time, we hope you will visit Utrecht, a vibrant city in the heart of the Netherlands, conveniently located close to the large Dutch Schiphol Airport. Snail down the quaint streets and along the canals and sample the pleasant intimate atmosphere for which Utrecht is famous.

International Faculty (Tentative)

Angela Peter (DE)  
Cremeros Laura (NL)  
Emars Peter (NL)  
Kelly Daniel (IR)  
Malda Jos (NL)  
Sarlis Gjon (DE)  
Smolders José (NL)  
Van Heerwaarden Ronald (NL)  
Vonk Lucienne (DE)  

Backx Frank (NL)  
Cueters Roel (NL)  
Ito Kaito (NL)  
Levato Riccardo (NL)  
Maasbergen Simon (NL)  
Samia Daniel (US)  
Van der Wal Wybren (NL)  
Van Rijen Matthee (NL)  
Weimanns Harris (NL)  

Britberg Mats (SE)  
Docheva Deinitia (DE)  
Karpirezn Marcul (NL)  
Lindahl Anders (SE)  
Niemeyer Philipp (DE)  
Scherder Erik (NL)  
Van Egmond Nieko (NL)  
Van Weeren Rene (NL)  
Zauke Frank (DE)  

Course Directors  
Jos Malda & Roel Cueters, University Medical Center Utrecht (UMC)

Local Organizing Committee  
Roel Cueters, Riccardo Levato, Jos Malda, Daniel Saris, Nienke van Egmond & Laura Creemers

Course Organising Office  
Cartilage Executive Office (CEO) GmbH  
Sphärmasse 190, House 3  
8623 Wetzikon, Switzerland  
Phone: +41 44 503 73 70  
Email: office@cartilage.org

Course Venues  
- Main Venue / Lectures  
  Grand Hotel Karel V Utrecht  
  Geerthemaar 1, NL-3511 XA Utrecht  
- Surgical Skills Wet-Lab Workshop A&D  
  University Medical Center Utrecht (UMC)  
  Heidelberglaan 100, NL-3508 GA Utrecht  
- Laboratory Skills Workshop B&C  
  Hubrecht Institute  
  Uppsalalaan 8, NL-3584 CT Utrecht

PRELIMINARY PROGRAMME

Thursday, 24 September 2020

8:00 - 9:00  Registration / Badge Pick up at Hubrecht Institute (Science Park)

9:00 - 12:00  Workshop A: Basic Science Laboratory Hands-on Workshop  
  Cell & 3D Tissue Culture/Microscopy/Bioprinting/Electro-Writing/Light-Based Printing

9:00 - 12:00  Workshop B: Surgical Skills Hands-on Workshop  
  Tour of Hubrecht Institute, Snowball Session (Distal Femoral Osteotomy & Proximal Tibal Osteotomy)

12:00 - 12:30  Transfer to Venue Karel V (Lectures)

12:30 - 13:30  Business Lunch (included)

13:45 - 15:45  Session 1 - Bone & Cartilage Biology  
  Moderators: Malda Jos (NL), Cueters Roel (NL)
  1.1 Cells in the Joint & Tissue Culture — Vonk Lucienne (DE)
  1.2 Introduction to Cartilage, its ECM and Biomarkers — Zauke Frank (DE)
  1.3 Recent Innovations in Translational Biology & OA — Weimanns Harris (NL)
  1.4 Connecting Clinics and Basic Laboratory Research  
     Cueters Roel (NL), Malda Jos (NL)
  1.5 Connecting Clinics and Basic Laboratory Research  
     Peter Angela (DE), Docheva Deinitia (DE)
  1.6 US/EU Regulation for Translation of Stem Cell/Device from Bench to Bedside — TBA
  1.7 Recent Innovations in Translational Biology & IVD regeneration — Itos Kaito (NL)
  Q&A / Discussion

15:45 - 16:30  Coffee Break / Exhibition

16:30 - 18:00  Session 2 - Three ICRS Presidents  
  Panel: Britberg Mats (SE), Saris Daniel BF (US), TBA
  2.1 Panel Discussion with Three ICRS Presidents
  2.2 Inspirational Talk — Scherder Erik (NL)

18:00  Welcome Drink / Free Evening

PRELIMINARY PROGRAMME

Friday, 25 September 2020

8:30 - 10:00  Session 3 - Regenerative Cartilage Therapies I  
  Moderators: Malda Jos (NL), Cueters Roel (NL)
  3.1 From Cartilage Defects to Early OA — TBA
  3.2 Cell-Based Cartilage Therapies — Britberg Mats (SE)
  3.3 Allografts in the EU — Emans Pieter (NL)
  3.4 USA vs. EU. Best of Both Worlds? — Saris Daniel BF (US)
  Q&A / Discussion

10:00 - 10:45  Coffee Break / Exhibition

10:45 - 12:15  Session 4 - Regenerative Cartilage Therapies II  
  Moderator: Saris Daniel BF (US), Docheva Deinitia (DE)
  4.1 The Need for Osteotomes in Regenerative Therapies — Niemeyer Philipp (DE)
  4.2 Distraction Therapy — Maasbergen Simon (NL)
  4.3 Mobility Clinic, an Optimal Multidisciplinary Clinical Approach? — Backx Frank (NL)
  4.4 Distraction / Osteotomy / UKA / TKA? — Van Heerwaarden Ronald (NL)
  Q&A / Discussion

12:15 - 13:30  Lunch Break / Industry Symposium

13:30 - 15:00  Session 5 - Next Generation Joint Repair Treatments  
  Moderators: Britberg Mats (SE), Kelly Daniel (DE)
  5.1 Extracellular Vesicles for Joint Repair — Vonk Lucienne (DE)
  5.2 Bioprinting Approaches for Cartilage Repair — Kelly Daniel (DE)
  5.3 The Dutch (Osteo)chondral Treatment Algorithm — Cueters Roel (NL)
  5.4 Induced Pluripotent Stem Cells (iPSCs) — Lindahl Anders (SE)
  5.5 IMPACT for Cartilage and Meniscus Treatment — Saris Daniel BF (US)
  Q&A / Discussion

15:00 - 15:30  Coffee Break / Exhibition

15:30 - 16:30  Session 6 - In Vitro/ Ex Vivo/ In Vivo Models  
  Moderators: Vonk Lucienne (DE), Van Weeren René (NL)
  6.1 In Vitro: The Horse, a Translational Model or a Patient? — Van Weeren René (NL)
  6.2 Ex Vivo: Osteochondral Defect Model — Itos Kaito (NL)
  6.3 In Vitro: Knee Joint on a Chip — Karpirezn Marcul (NL)
  6.4 Autologous Minced Cartilage Techniques — Scherder Erik (DE)

16:30-16:45  Closing Remarks & Take-Home Points  
  Cueters Roel (NL), Malda Jos (NL)

19:00 - 22:00  Faculty/Course Dinner (Euros 70.00)

Saturday, 26 September 2020

08:00 - 12:30  Workshop C: Laboratory Hands-on Skills at Hubrecht Institute  
  Histoology, Biomarkers Detection, QAG and DNA Assays

08:00 - 12:30  Workshop D: Surgical Skills Wet-Lab (Human Specimen) at UMC  
  Cartilage Procedures, Knee Joint Distraction, Distal Femoral Osteotomy, Proximal Tibial Osteotomy