

# GENERAL INFORMATION

## Registration & Fees

Registration is accepted online only through [www.cartilage.org](http://www.cartilage.org)

Limited to 40 tickets	Early Bird Fee until Jan 31	Regular Fee Feb 1 – March 31	Late Fee from April 1
Juniors, Residents, Students*	€ 375*	€ 425*	€ 525*
ICRS Members	€ 475	€ 525	€ 625
Non-ICRS Members	€ 575	€ 625	€ 725
Industry Associates	€ 675	€ 725	€ 825

\* To be accompanied by a certificate signed by the head of department. Please send it to [office@cartilage.org](mailto:office@cartilage.org) immediately after your registration.

## Registration Cancellations & Name Changes

Written notification is required for all registration cancellations and name changes. The request should be sent to the Cartilage Executive Office [office@cartilage.org](mailto:office@cartilage.org).

## Refunds for course cancellations are as follows:

50 % refund for cancellations until **January 31, 2025**. No refund thereafter. Name changes will be charged with a fee of € 100.

## Included in the Registration Fee:

Access to all sessions, welcome reception, coffee breaks, lunch, course registration material, certificate of attendance.

## Payment

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

## ICRS Membership Benefits

Attendees who apply for ICRS membership right before registration will immediately benefit from the highly reduced members' fee. Membership applications should be done online before course registration. Please note that ICRS Members who are not in good standing with their membership dues 2024 and/or 2025 will be charged with the non-member fee.

## Accommodation

The ICRS, together with the Utrecht Convention Bureau, recommends the following hotels:

- [Moxy](#)
- [Inntel](#)
- [Crowne Plaza](#)
- [Hampton by Hilton](#)

All four hotels are conveniently located near a tram/bus stop, taking you directly to the course venue.

**Attention:** The ICRS does not hold specific room blocks. We recommend that interested participants book their accommodation as early as possible.

# GENERAL INFORMATION

## Course Language

English, no simultaneous translation will be available.

## 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 Tuesday, April 15 from 19:00–22:30 h. Rate: € 80 (food & drinks included).

## Updated Information

For updated information (topics, faculty, registration fees, etc.) please scan the QR code:



# INDUSTRY SPONSORING OPPORTUNITIES

The ICRS Laboratory Skills Course offers hands-on experience with laboratory techniques underpinning the latest research in cartilage regeneration and joint preservation. The particular focus of this course is on cell-based therapies for joint regeneration and on 3D bioprinting technologies. The organizers extend a warm invitation for participation to the industry, offering opportunities for sponsorship, active involvement in wet lab workshops, lunch symposia and various brand visibility and hospitality opportunities. We also welcome suggestions for tailored sponsoring opportunities.

All sponsorship opportunities can be found here:



## Diamond Partners



## Ruby Partners



UTRECHT, NETHERLANDS | APRIL 14 - 16, 2025

# 6<sup>TH</sup> HANDS-ON LAB SKILLS COURSE

## CELL-BASED THERAPIES & 3D BIOPRINTING



PRELIMINARY PROGRAMME

## HIGHLIGHTS

- Meet ICRS translational experts in joint preservation.
- Get hands-on experience in state-of-the-art labs.
- Work with the latest bioprinter set-ups.
- Experience how developments in veterinary and human medicine go hand-in-hand.
- Ample time for informal interaction with the course faculty.

[WWW.CARTILAGE.ORG](http://WWW.CARTILAGE.ORG)

# WELCOME

Welcome to the Utrecht Laboratory Skills Course 2025, where you can get hands-on experience with laboratory techniques underpinning the latest research in cartilage regeneration and joint preservation. The particular focus of this course is on cell-based therapies for joint regeneration and on 3D bioprinting technologies. This course will give you the opportunity to get hands-on experience with these techniques and learn from world-leading experts firsthand!

The course will take place in the historic city of Utrecht in the state-of-the-art facilities at the Utrecht Science Park, where there are over 25 years of experience with basic, translational and clinical research on the treatment of joint damage. In Utrecht, there has always been a close interaction between the science and the clinic, which has led to important innovations in clinical care. We would like to not only expose you to the different (practical) skills this requires but also inspire you to build on this multidisciplinary approach, which is close to the heart of the ICRS.

Looking forward to seeing you in Utrecht in 2025!

*Jos Malda & Roel Custers, Course Directors*

## Tentative Faculty

Harold <b>Brommer</b> (NL)	Daniel <b>Saris</b> (US)
Roel <b>Custers</b> (NL)	Nienke <b>van Egmond</b> (NL)
Mylene <b>de Ruijter</b> (NL)	Gerjo <b>van Osch</b> (NL)
Daniel <b>Grande</b> (US)	Mattie <b>van Rijen</b> (NL)
Keita <b>Ito</b> (NL)	Rene <b>van Weeren</b> (NL)
Jasmijn <b>Korpershoek</b> (NL)	Lucienne <b>Vonk</b> (SE)
Riccardo <b>Levato</b> (NL)	Kelly <b>Warmink</b> (NL)
Jos <b>Malda</b> (NL)	Harrie <b>Weinans</b> (NL)
Chien <b>Nguyen</b> (NL)	Frank <b>Zaucke</b> (DE)
Jaqueline <b>Rios</b> (NL)	

## Course Directors

Jos Malda & Roel Custers, University Medical Center Utrecht (UMC)

## Local Organising Committee

Roel Custers, Mylene de Ruijter, Jasmijn Korpershoek, Riccardo Levato, Jos Malda, Jaqueline Rios, Nienke van Egmond

## Course Organising Office

Cartilage Executive Office (CEO) GmbH, Spitalstrasse 190A, CH-8623 Wetzikon, Switzerland | Phone: +41 44 503 73 70  
Email: office@cartilage.org | www.cartilage.org

## Course Venue

Regenerative Medicine Center Utrecht  
Uppsalalaan 8, NL-3584 CT Utrecht  
The Netherlands

# PRELIMINARY PROGRAMME

## Monday, April 14, 2025

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08:30-17:30 h	Registration
09:00-09:05 h	Welcome   <i>Jos Malda (NL)</i>
09:05-09:30 h	Defining the Field: Joint Preservation from Bedside to Bench and Back   <i>Roel Custers (NL), Nienke Van Egmond (NL)</i>
09:30-10:15 h	My Journey in Cartilage Regeneration and Joint Preservation   <i>Daniel Grande (US)</i>
10:15-10:45 h	Break + Walk to Labspace
10:45-11:00 h	The Concepts of Chondrocyte Isolation   <i>Gerjo Van Osch (NL)</i>
11:00-12:00 h	Chondrocyte Isolation in Practice <b>(Hands-on/Lab)</b>   <i>Jasmijn Korpershoek (NL)</i>
12:00-12:15 h	Short Break / Unforeseen Lab Time
12:15-13:15 h	How to Make Clinical Impact with Translational and Fundamental Research (1+1=3)   <i>Daniel Saris(US), Lucienne Vonk (SE)</i>
13:15-14:15 h	Lunch Break
14:15-16:15 h	Chondrocyte Seeding in Monolayers, 3D Scaffolds and Bio-inks <b>(Hands-on/Lab)</b>   <i>Jasmijn Korpershoek (NL)</i>
16:15-16:30 h	Short Break / Unforeseen Lab Time
16:30-17:00 h	The Secrets of the Cartilage ECM   <i>Frank Zaucke (DE)</i>
17:30-19:30 h	Move to City / Welcome Reception

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# PRELIMINARY PROGRAMME

## Tuesday, April 15, 2025

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08:30-09:00 h	Introduction into Bioprinting of Cartilage and 3D Surgical Planning   <i>Jos Malda (NL)</i>
09:00-09:30 h	Bioprinting Technologies   <i>Riccardo Levato (NL)</i>
09:30-11:00 h	Bioprint Cells (Small Group Demos) <b>(Hands-on/Lab)</b>   <i>Mylene De Ruijter (NL), Chien Nguyen (NL)</i>
11:00-11:30 h	Break
11:30-12:00 h	In Vitro Models of Cartilage   <i>Keita Ito (NL)</i>
12:00-13:30 h	On Chip Systems <b>(Hands-on/Lab)</b>   <i>Mylene De Ruijter (NL)</i>
13:30-14:30 h	Lunch Break
14:30-15:00 h	Bone Quantification Using Micro CT Imaging   <i>Jaqueline Rios (NL), Harrie Weinans (NL)</i>
15:00-16:00 h	Cartilage and Bone Assessment (Histology and Scoring of Cartilage and Bone) <b>(Hands-on/Lab)</b>   <i>Mattie van Rijen (NL)</i>
16:00-17:00 h	Bone Quantification (micro CT) Potentially with 3D Lab <b>(Hands-on/Lab)</b>   <i>Kelly Warmink (NL), Harrie Weinans (NL)</i>
19:00-22:30 h	Course Dinner (€80)
<b>Wednesday, April 16, 2025</b>	
08:30-10:30 h	In Vivo (large animal) Models <ul style="list-style-type: none"><li>Horse as Translational Model   <i>René Van Weeren (NL)</i></li><li>Species Differences   <i>Jos Malda (NL)</i></li><li>Demo Gait and Tour and Tour of the Equine Facilities   <i>Harold Brommer (NL)</i></li><li>Demo OC Defect Model Preparation in the Wetlab   <i>Mylene De Ruijter (NL), Jos Malda (NL)</i></li></ul>
10:30-11:00 h	Break
11:00-12:00 h	Back to the Clinic (Video surgery) / Wrap up   <i>Roel Custers (NL), Nienke Van Egmond (NL)</i>

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