

**Programme NVMB meeting
2018, de Werelt in Lunteren**

Presentations 15 minutes, discussion 5 minutes

* Presentations by junior researchers considered for Pauline van Wachem Award

THURSDAY May 17th

10:20 - 10.50 Registration and coffee

10:50 – 11:00 **Opening, Marco Harmsen.**

Session 1 Models to understand matrix regulation of pathologies

(chair: *Enrique Andres Sastre*)

11:00 – 11:20 Chantal Voskamp, Erasmus MC *

Selecting living human mesenchymal stem cells with an increased proliferation using a TWIST1 RNA-based probe.

11:20 – 11:40 Nataly Puerta Cavanzo, UMCG *

Macromolecular crowding as a tool to accelerate the *in vitro* screening of anti-fibrotic compounds.

11:40 – 12:00 Marcel Heinrich, Uni of Twente *

Novel peptide-based therapeutics to inhibit hypertrophic scar formation.

12:00 – 12:20 Nataliya Migulina, UMCG *

Understanding extracellular matrix assembly disruption in COPD.

12.20 – 13.10 LUNCH

Session 2 Growth Factors driven matrix responses

(chair: *Marcella van Hoolwerff*)

13:10 – 13.30 Renske Wiegertjes, Radboud MC *

TGF- β rapidly induces interleukin-6 in articular cartilage and decreases IL-6-receptor, desensitizing chondrocytes against the IL-6 response.

13:30 – 13:50 Ellen van Geffen, Radboud MC *

IL37 improves chondrogenesis of stem cells under inflammatory conditions.

13:50 – 14:10 Jonas Schnittert, Uni. Twente *
Integrin- α 11 as a key target in the regulation of pancreatic tumor stroma myofibroblasts.

14:10 – 14:30 Jasmijn Korpershoek, UMC Utrecht *
Meniscus regeneration using different growth factors.

14:30 – 15:00 Bas Holverda LongFonds
Longfonds: perspectives on pulmonary research.

15:00 – 15:20 BREAK

Session 3 *Poster Session*
(chair Roberto Narcisi)

15:20 – 15:40 each poster presenter to present 1 slide and give a 60sec description of their poster

15:40 – 16:30 Poster Viewing and discussion

16:30 – 17:00 Keynote - Hans von den Hoff

17:00 – 18:00 ESR SESSION PART - 1

18:00 – 20:00 DINNER

20:00 - 21:00 Keynote lecture: Sylvie Ricard-Blum
(chair: Marco Harmsen)

21:00 PARTY with DJ

FRIDAY May 18th

Session 4 **The potential of Matrix based therapeutic approaches**
(chair: Francisco Martinez Garcia)

8:30 – 8:50 Praneeth Kuninty, Uni. Twente *
A novel integrin alpha 5 binding peptide potentiates effects of chemotherapy in pancreatic cancer.

8:50 – 9:10 Deby Mardhian Uni. Twente *
Modulation of tumor stroma using targeted relaxin nanoparticles to treat pancreatic cancer.

9:10 – 9:30 Margot Rijkers, UMC Utrecht *
Platelet-rich plasma is not a suitable carrier for cartilage cell therapies

9:30 – 10:00 Keynote Jai Prakash

10:00 – 10:20 BREAK

Session 5 Native matrix microenvironment

(chair: Mike Broeders)

10:20 – 10:40 Koen Dijkstra, Regenerative Medicine Center Utrecht *
Minced cartilage for cartilage repair – an *in vitro* study.

10:40 – 11.00 Roderick de Hilster, UMCG *
Decellularized lung extracellular matrix gel: a novel research model for matrix and lung research.

11:00 – 11:30 Keynote Pieter Friedl

11:30 – 12:15 General assembly (Algemene ledenvergadering), including upcoming events.

12:15 – 13:00 LUNCH

13:00 – 14:00 ESR SESSION PART - 2

Session 6 Signalling to and from the matrix

(chair: Doris Salazar Haydee)

14:00 – 14:20 Rodrigo Coutinho de Almeida, LUMC
Integrative approach to uncover microRNA-interactome dysregulation in osteoarthritic cartilage.

14:20 – 14:40 Kannan Govindaraj, Uni of Twente *
RUNX2 and *SOX9* protein mobility correlates to osteogenic and chondrogenic differentiation of mesenchymal stem cells.

14:40 – 15:00 Lianne Beunk Radboud UMC *
In vitro models to study tissue-guided tumor invasion.

15:00 – 15:15 Presentation Pauline Van Wachem and Arnold Van den Hooff awards and Poster Prize

15:15 – 15:45 Bertus Kemp award winner presentation (5 mins award presentation, 20 mins presentation, 5 min discussion)

15:45-16:00 Time to complete meeting evaluation form
(also designated time for ESR evaluation by board and ESR)