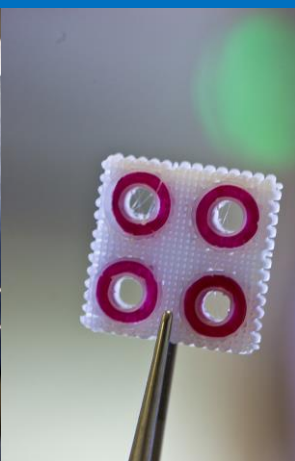




# Year review

## Regenerative Medicine Utrecht

### 2018



# Our new professors



Annelien Bredenoord

Can ethics save biomedical sciences?

Jos Malda

A Perspective on Dimensions



# Our new professors



Marianna Tryfonidou

Professor of Regenerative Orthopedics

Joost Sluiter

Hartcollectief; scientific collaboration,  
passion, trust, and much more



# AWARDS

## Roos Masereeuw

Experimental Pharmacology

**“Promotor of the year”**

The jury praised Masereeuw because her PhD students can always count on her “complete support”.



# AWARDS



**Iris Otto**

(PhD, department of Orthopaedics)

**“Breaking Science 2018”**

# AWARDS



**Petra de Graaf**

FURU prize



**Jorik van Rijn**

Second place for best presentation at the DSSCR



**Klaus Neef**

FCVB poster award



# GRANTS



**Marianne Tryfonidou**  
Horizon 2020 Grant 15 million iPSPine



**Magdalena Lorenowicz**  
Dutch Arthritis Foundation  
MSC and cartilage regeneration



**Kerstin Schneeberger**  
Veni-subsidy for liver research



**Kors van der Ent**  
Large European grant € 6.7 million for  
research cystic fibrosis



# GRANTS

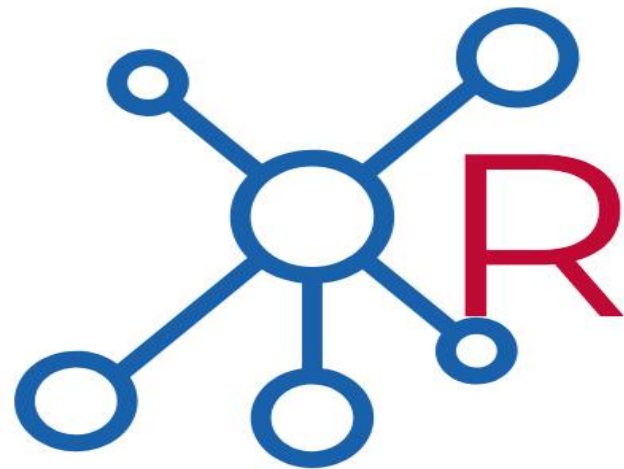


Launch of

## Rescue Cofund

**RE**generative Medicine & **Stem Cells** in  
**UtrEcht**

aims to provide an inspiring,  
multidisciplinary and translational  
education programme for 29 excellent  
PhD candidates in the area of  
Regenerative Medicine and Stem Cells.



# RESCUE

Regenerative Medicine  
Training Network



# VISITS



## Y. Shrike Zhang

Assistant professor, Associate  
Bioengineer Brigham and Women's  
Hospital, Harvard Medical School,  
Cambridge, MA, USA

*Thanks to the support of the Hofvijverkring*

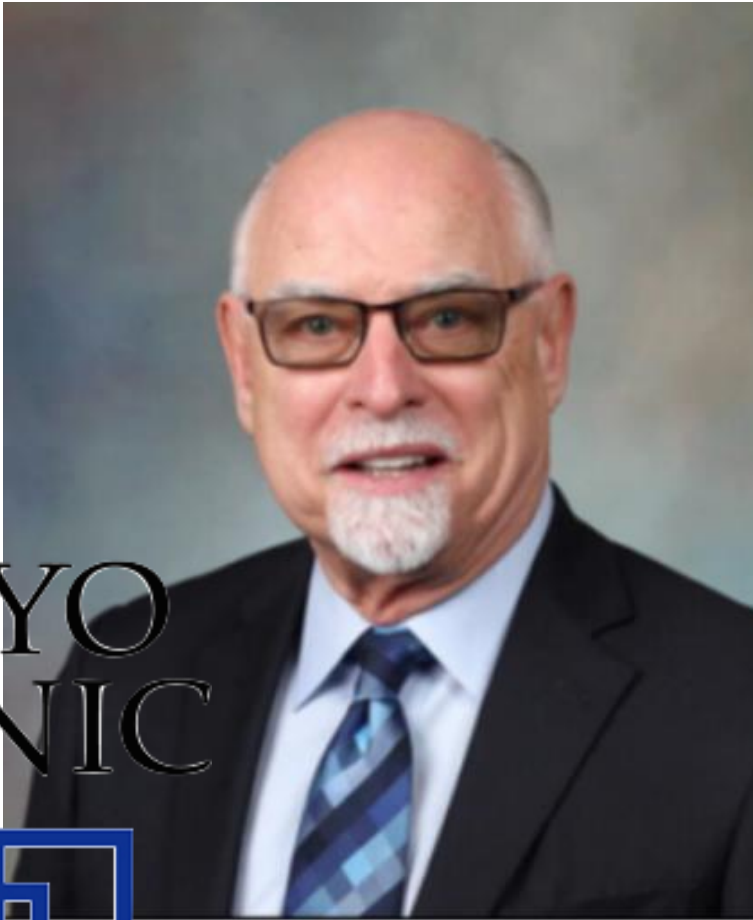
# VISITS



## Kidney Foundation

visits with major donors  
Regenerative Medicine Center

# VISITS



MAYO  
CLINIC



## Prof. Hayden

Collaboration  
Mayo Clinic / UMCU

# VISITS



## Meet the professor

Wednesday March 29th

Over 130 UU professors visits elementary school pupils

# RM Seminars



Prof. Jason Burdick  
University of Pennsylvania



Prof.dr. Stamatialis  
MIRA University Twente



Dr. Peter de Keizer



Dr. Behnam Akhavan  
University of Sydney



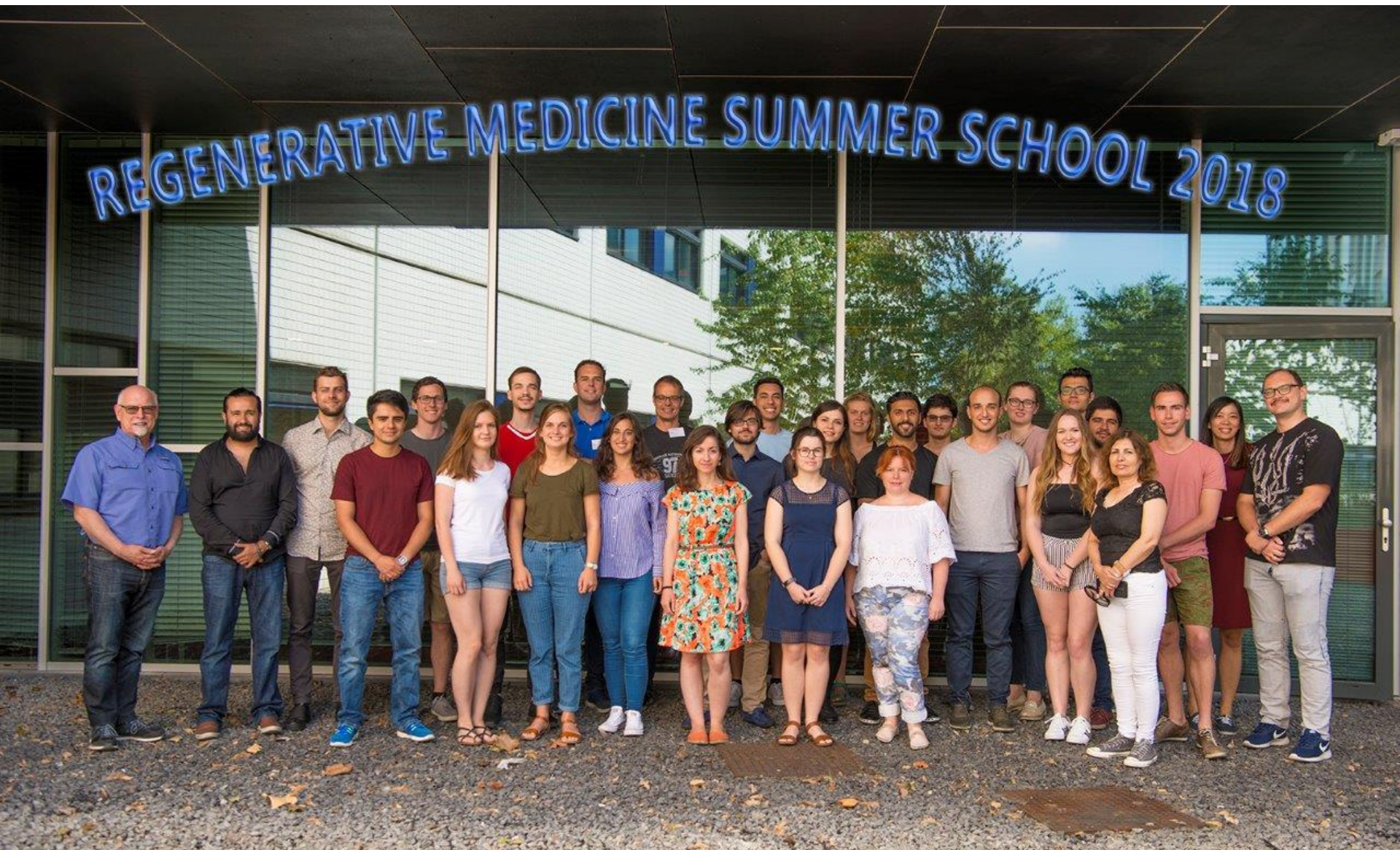
Prof. Marcela Belik  
University of Sydney



Dr. Michiel Pegtel  
VU Amsterdam

## Seminars Regenerative Medicine and Stem Cells Utrecht

# EVENTS



# EVENTS



## Regenerative Medicine PhD retreat

Annual PhD retreat  
Landgoed de Biestheuvel

# EVENTS



**First patient  
organization  
meeting  
knee  
distraction**



# EVENTS



## The Weekend of Science

### “A day in the Cell”

over 700 visitors

# EVENTS

## First Annual Meeting (NWO zwaartekracht)

faculty, PhD students, and  
postdocs MDR Research Center

MDR strives to be an internationally leading research center, advancing tissue and organ regeneration with the use of intelligent life-like materials

Our interdisciplinary research teams develop instructive and responsive materials that seduce the body to regenerate its own tissues and organs. Our talent program and technology hubs are tailored to push the frontiers of this exciting field.



Materials, cells  
and organelles

Project leaders:  
• Prof. J. W. M. van  
• Prof. H. L. Jansen



Materials-driven  
in situ tissue  
regeneration

Project leaders:  
• Prof. C. B. Bouillon  
• Prof. E. M. van  
• Prof. J. M. J. van  
• Prof. J. M. J. van



Regeneration of  
complex organ  
functions

Project leaders:  
• Prof. M. Verbeek  
• Prof. E. van  
• Prof. J. M. J. van  
• Prof. J. M. J. van

Within the MDR research center we are always looking for bright, excellent and motivated students and researchers to strengthen our consortium.

Contact:  
info@mdresearch.nl | www.mdrresearch.nl



materials-driven regeneration

# NEWS



## Dutch radio "BNR Beter"

about 3D printing  
in Health Care



# NEWS

# Launch of RM Scientist Blog

[www.rmutrecht.org](http://www.rmutrecht.org)



13/08/2018 / INTRO

## RM SCIENTIST BLOG

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Welcome to our blog! As scientists, we want our research to advance to the edge...

[READ THE POST](#)

06/11/2018 / 3D PRINTING

## THE MAKING OF A LIVER

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Biofabricated liver constructs to predict hepatotoxicity In a collaborating project between the Faculty of Veterinary...

[READ THE POST](#)



# Our new DR.



Michiel Croes

*Modulation of the immune response in strategies for bone regeneration*



Frances Bach

*Mimicking developmental biology to regenerate the intervertebral disc*



Loek Loozen

*Non-viral gene delivery of BMP-2 for bone regeneration cell-free and cell-based strategies*



Huub de Visser

*Osteoarthritis and metabolic dysregulation: insights from a preclinical model*

# Our new DR.



Okan Bastian

*The two faces of inflammation during fracture healing*



Willemijn Boot

*Recent developments in diagnosis and prophylaxis of orthopaedic implant-related infections*



Domenique van Ommen-Zomer

*Application of human organoids in ion transport studies*

Marianne Koolen

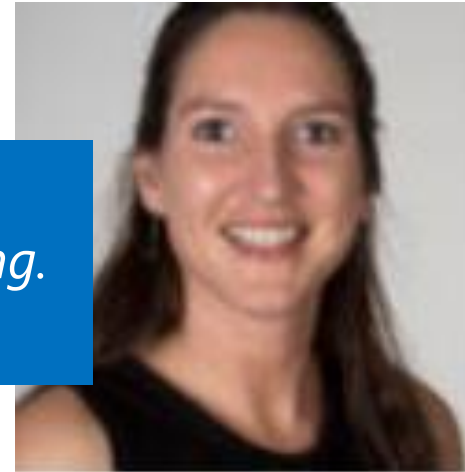
*Building Better Bone*



# Our new DR.

Judith de Haan

*Inflammation in adverse cardiac remodeling.  
Is there impact to gain?*



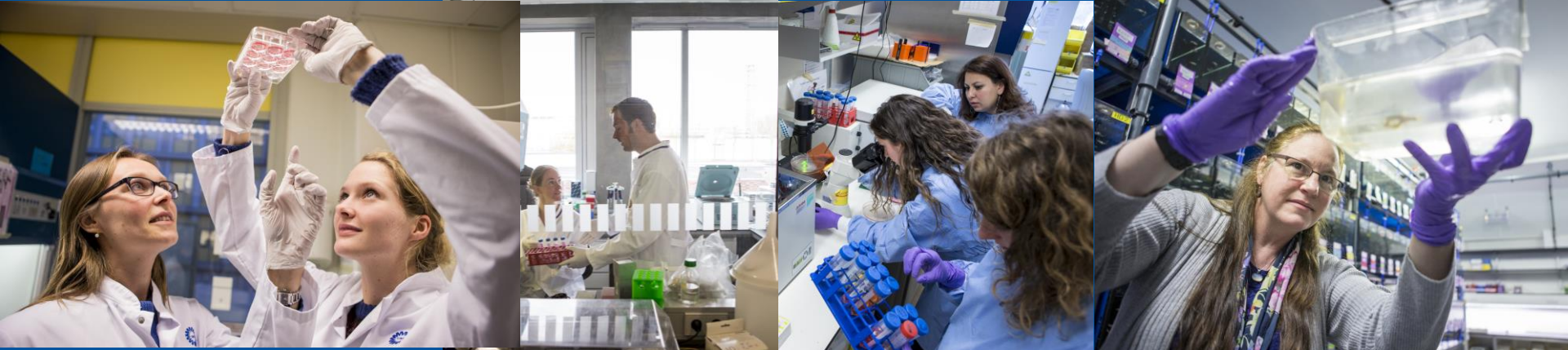
Panithi Sukho

*Adipose tissue-derived stem cell sheets for tissue repair*

Glenn van de Hoek

*Functional modeling of genetic renal disease in the zebrafish*





**We look back at a great year, special thanks to all researchers and students in the RM Utrecht community!**



Utrecht University



Hubrecht  
Institute



University Medical Center Utrecht





WE ARE  
MOVING!



**a warm  
welcome to  
our new  
colleagues**

We look forward to a splashing 2019

Happy  
2019



Utrecht University



Hubrecht  
Institute



University Medical Center Utrecht