4th Annual MOVE Research Meeting and Lustrum Celebrations

We are proud to announce that André Kuipers, the famous Dutch astronaut will join us as the keynote speaker at our Lustrum meeting. His talk is entitled There and back again - the load of gravity.

In addition 6 of our own outstanding PhD students will present their research results and we have 50 poster presentations. We will also announce the winner of the MOVE-Award and the winner of the inspiring postcard competition!

Please join us in our celebrations, you are all warmly welcome!

Grants and Prizes

Prof. dr. Sue Gibbs' (VUmc/ACTA) project entitled Investigation of the use of endothelial cells derived from adipose tissue for regenerative medicine strategies in burns patients was in the latter days of 2012 accepted for financing by the Dutch Burns Foundation (Nederlandse Brandwonden Stichting).

The project will start in the spring, and the extensive pre-clinical data which the project provides will enable the researchers to determine whether endothelial cells derived from adipose tissue are involved in hypertrophic scar formation. If so, targeted strategies can be aimed at modifying their behavior to promote normotrophic scar formation. If not, these cells may provide an excellent cell source, obtainable by liposuction, for tissue engineering and subsequent treatment of large burns. The project facilitates one PhD student plus the bench fee.

The Wetenschappelijke College Fysiotherapie (WCF), part of the Royal Dutch Society for Physical Therapy (KNGF) has granted the ULTRA-Stroke project by Dr. Lieke Peper (HMS), Prof. dr. Peter Beek (HMS), Prof. dr. Gert Kwakkel (VUmc) and Drs. Lex van Delden (HMS) a €32,000 grant to prolong the project. The prolongation started January 1st 2013 and is for a period of 8 months.
Dr. Han Houdijk (HMS), has received a €40,000 grant from the KNGF (the Royal Dutch Society for Physical Therapy) for his project *Fitness and functioning in people after Amputation of the Lower Limb (Fitall)*. The project is a collaboration between the HMS (FBW), Heliomare Research and Development and UMCG/ Beatrixoord Groningen.

**Symposium Announcement 1**

Preceeding Rinske Nijland's PhD defence on March 11th, there will be a symposium (held in Dutch) in the Rijn meeting room in the VUmc Hospital Building.

The speakers are

- Drs. Nicoline Otterman, (Afdeling revalidatiegeneeskunde, AMC Amsterdam) Voldoet fysiotherapeutische zorg op Nederlandse Ziekenhuis Stroke Units aan de aanbevelingen voor vroege mobilisatie en voldoende intensieve oefentherapie na een beroerte?
- Prof.dr. Sander Geurts. (Afdeling revalidatiegeneeskunde, UMC St Radboud Nijmegen) Herstel van loopvaardigheid na een beroerte en de mogelijkheden van functionele elektrostimulatie van de onderste extremiteit.
- Drs. Lex van Delden, (Faculteit Bewegingswetenschappen, Vrije Universiteit Amsterdam) Unilaterale versus bilaterale armtraining na een beroerte.
- Dr. Geert Verheyden. (Departement revalidatiewetenschappen, Katholieke Universiteit Leuven) Wat is de effectiviteit van rombovalidatie na een beroerte?

You are all invited!

Please register in advance by mail to r.nijland_symposium@outlook.com

**Symposium Announcement 2**

At 2.30 pm, following Daphne Wezenberg’s PhD Defence on March 19th there will be a symposium entitled *Capacity and load in prosthetic rehabilitation* in lecture room A301 in the Medical Faculty Building.

The speakers at the symposium are

- Prof.dr. Jan Geertzen (Professor Rehabilitation Medicine Groningen University & President International Society for Prosthetics and Orthotics) EXPAND: Amputation and Prosthetic research in Groningen
- Prof.dr. Joseph Czerniecki (VA Research Center of Excellence in

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**March 19, 2013**

PhD Ceremony
Daphne Wezenberg, HMS
*Physical capacity and walking ability in people with a lower limb amputation*
VU University Amsterdam, Aula
11.45 am

**March 19, 2013**

*Capacity and load in prosthetic rehabilitation*
Symposium following Daphne Wezenberg's PhD defence.
VU University Amsterdam,
Medical Faculty Building, A-301
2.30 pm

**March 21, 2013**

The first of several CTRM workshops:
3D-printing
Exact time and venue to follow

**June 7, 2013**

PhD Ceremony
Michiel van Nunen
*REcovery of Walking Ability using a Robotic Device (REWARD)*
VU University Amsterdam, Aula
11.45 uur
The prediction of mobility outcome in the peri-operative period
• Dr. Andrea Cutti, (INAIL Centro Protesi, Vigorso di Budrio, Bologna, Italy) Design and application of a multiple-parametric protocol for the evaluation of amputees using multi-articulated hands
• Dr. Melvin Roerdink (Associate professor, Faculty of Human Movement Sciences, VU University Amsterdam) Assessment and training of prosthetic gait adaptability and asymmetry

You are all invited!

Please register in advance by mail to h.houdijk@vu.nl

**CTRM Inaugural Meeting**

The inaugural meeting of the Center for Translational Regenerative Medicine (CTRM) was held on January 10th, 2013 in the large lecture room at ACTA. The ultimate goal of the CTRM is that this kind of interaction will bring about new research, and in addition, to enhance the current research into tissue regeneration with a clinical touch taking place at the VU campus. The aim of the symposium was to gather VU based researchers and clinicians into regenerative medicine and to stimulate the exchange of ideas and experience. Judging from the number of participants (89 in total) and the enthusiastic exchange of ideas and e-mail addresses during the breaks and at the reception afterwards, we reached our goal!

Prof.dr. Theo Smit opened the meeting and introduced the first Wuisman Lecture. The Wuisman lecture will be an annual event, given by a pioneer in the field of translational regenerative medicine in remembrance of Prof.dr. Paul Wuisman, former orthopedic surgeon at the VUmc and a major driving force behind the implementation of bone regeneration by means of stem cells derived from fat tissue in the clinic. The first Wuisman lecture was given by Prof.dr. Frank Luyten, rheumatologist from the KU Leuven in Belgium, and a renowned expert in the field of bone and cartilage regeneration. He described how the Belgian initiative Prometheus is organized. Prometheus brings together expertise from various disciplines within KULeuven to significantly enhance the quality of research into bone tissue engineering. Other talks at the meeting varied from a presentation of clinical bone related problems occurring at the department of jaw surgery at the VUmc, to new multiplex bioluminescent reporters that could be applied within stem cell research.

The CTRM meeting will be an annual event, and next time we hope to be joined by even more enthusiastic VU, VUmc and ACTA researchers, from even more disciplines, and with an even broader range of expertise. In this manner we can build together on generating new, high quality, multidisciplinary tissue engineering-related research with a translational character.

During the remainder of 2013 there will be several CTRM workshops on specific subjects. The first is planned on Thursday March 21st, and is
devoted to 3D Printing.

If you have ideas on how the CTRM should grow and develop in the future, please get in touch with the CTRM crew on ctrm@vumc.nl

New Members

Astrid Kappers has been appointed full professor at HMS (FBW). On Sept. 1st, 2012 she moved with her whole research group (4 PhD students and 2 postdocs) from Utrecht to Amsterdam, bringing all her lab equipment. At this moment, her research focusses on haptic perception and is funded by a large EU grant and a grant from STW/NWO.

The other members of her research team presented themselves in the October 2012 issue of the MOVE Newsletter.