Grants and Prizes

Prof. dr. Sue Gibbs (VUmc/ACTA), has been awarded a ZonMW grant of €300.000 for the project Human immune competent skin-on-a-chip to replace skin cancer animal experiments. The project is a collaboration with Philips Research and Dr. Tanja de Gruijl (VUmc). The aim of the project is for the first time to develop a ‘human immune competent skin-on-a-chip’ enabling in vitro investigation of interactions between the skin and specific immune cells, under conditions which mimic the in vivo skin environment. Skin-on-a-chip will replace animal testing models for skin cancer (and other diseases), currently needed to enable investigation of immune system-skin interactions. The VUmc’s and Philips’ complementary expertise and mutual interest in the area of human skin 3D modeling will synergize and will lead to the development of an in vitro skin-immune system model to replace animal experiments.

Arno Bisschop (VUmc) has received the DSS (Dutch Spine Society) Annual Award 2012, for his paper Which factors prognosticate spinal instability following lumbar laminectomy? Arno received the prize of €1000 during the 12th Annual Congress of the Dutch Spine Society, held in Nijmegen early November. The paper was published online in March 2012 in the European Spine Journal and co-authors are B.J. van Royen, M.G. Mullender, C.P.L. Paul, I. Kingma, T.U. Jiya, A.J. van der Veen and J.H. van Dieën.

Harry Bron (VUmc) has won the ARGOSpine Thesis Award for his thesis Novel regenerative strategies for the treatment of intervertebral disc herniation which he defended on November 27th at VU University Amsterdam. The award recognizes outstanding medical and/or biomechanics research targeting a contemporary clinical problem in the management of spinal pathologies. The award includes a €1.500 prize, winner’s travel and accommodation expenses on the occasion of the 17th International ArgoSpine Symposium, publication of the long abstract in the European Journal of Orthopaedic Surgery and Traumatology

December 6, 2012
PhD Ceremony
Marjoleine Willemsen, ACTA
Effects of dietary components on osteocyte mechanosensitivity - Implications for bone health
VU University Amsterdam, Aula
3.45 pm

January 10, 2013
CTRM Inaugural Meeting
Ground floor ACTA Building
12 noon – 7 pm

January 18, 2013
PhD Ceremony
Ana Smorenburg, HMS
Mirror (a)symmetry? Visuo-proprioceptive interactions in individuals with Spastic Hemiparetic Cerebral Palsy
VU University Amsterdam, Aula
11.45 am

January 18, 2013
PhD Defence Ceremony
Sjoerd Rutten, ACTA
Low-intensity pulsed ultrasound treatment in delayed bone healing
VU University Amsterdam, Aula
1.30 pm

January 21, 2013
PhD Ceremony
Betteco de Boer, HMS
Stabilizing bimanual coordination: Changes in interlimb interactions
(EJOST) and in ArgoSpine News and Journal. Harry will receive the prize during the 17th International Argospine Symposium in January 2013 in Paris, France.

Petra Juffer (ACTA) was awarded a 2012 ASBMR Young Investigator Award during the annual meeting of the American Society for Bone and Mineral Research (ASBMR). The ASBMR is a professional, scientific and medical society established to bring together clinical and experimental scientists involved in the study of bone and mineral metabolism. The award was based on Petra’s abstract submission: “Modulation of Osteoclast Formation by Cyclically-Strained Myotubes Is Mediated by IL-6”. The award was given to the highest-scoring eligible abstracts submitted to the 2012 ASBMR Annual Meeting which was held in Minneapolis, Minnesota, US, 12-16 October 2012.

Marjolein van der Krogt (VUmc) has been awarded with a pilot project grant of $25,000, with her study proposal A model for spasticity and contracture in OpenSim: refinement, validation, and dissemination from the National Center for Simulation in Rehabilitation Research (NCSRR) at Stanford University, US. The jury reported that the study has the potential to have a significant impact in the fields of biomechanical simulation and rehabilitation. The study is carried out in collaboration with the KU Leuven.

Walk of Science Fysiocongres

During the 2012 meeting of the Fysiocongres, this year held in Maastricht in early November, MOVE was present with a total of 25
Among the present MOVE researchers were Corine Visscher PhD (ACTA), who presented her work on Temporomandibular pain and Melvyn Roerdink PhD (HMS) who presented his work on the C-Mill. Several PhD students had also made the journey to the ‘deep south’, on the picture is (from left to right) Rinske Nijland (VUmc), Trienke Ijmker (HMS) and Janne Veerbeek (VUmc).

New Members

René van Oers PhD, has joined ACTA and will be working on a project aimed at regenerating the base for dental implants, including the tissue engineering of bone, periodontal ligament and gingiva. Rene’s focus will be on the mechanobiology. The projects is directly funded.

Elfi Gooren has joined ACTA as a PhD student on the project Dentistry of the Future: Oral Regenerative Medicine. (Co-) Supervisors: Prof.dr. S. Gibbs and Dr. R.F.M. van Oers. (The project is directly funded by the University of Amsterdam).

Mariette Griffioen MSc., has joined the VUmc as a PhD student on the project Q-disc (Quantitative Diagnosis of Spinal Control). Her (Co-)Supervisors are Prof.dr. Zuurmond, Prof.dr. J. van Dieen and Dr. Roberto Perez.

The project is funded by a STW research grant.

Thijs de Jong has joined ACTA as a PhD student on the project Dentistry of the Future: Oral Regenerative Medicine. (Co-) Supervisors: Prof.dr. T.H. Smit and Dr. R.F.M. van Oers. (The project is directly funded by the
Elmar Kal, MSc. has joined the HMS / Heliomare Research and Development on the PhD project Cognitive-motor dual task performance in people with acquired brain injury; unraveling the relation between cognition and motor behavior. Co-supervisors: Dr. H. Houdijk and Dr. J. van der Kamp. The project is financed by Heliomare.

VUmc Science Exchange Day – Save the Date!
The 2013 edition of the VUmc Science Exchange Day will be held on March 8th, please reserve the date in your diaries. The deadline for submitting abstracts is January 2nd 2013. You can submit your abstract to moveoffice.fbw@vu.nl

Call for Abstracts
Remember to submit your abstract to the 4th Annual MOVE Research meeting and Lustrum Celebrations, the deadline is 17th December 2012.

Send your abstract in Word format to moveoffice.fbw@vu.nl, and at the same time please remember to inform us whether your abstract is Landscape or Portrait.

EXPERIMENT NL
If you should need an informative Christmas or birthday present, EXPERIMENT NL might be an idea. It is a cooperation between NWO and Quest, and is now for the first time published as a magazine. It gives an excellent overview of Dutch Research financed by the NWO.

Read about MOVE researcher Prof.dr.ir. Jaap Harlaar's virtual rehabilitation and the V-gait on page 53 or Dr. Matt Dicks’ research into soccer penalties on p. 89.

In addition there are ample interesting articles on everything from climate change to cyber bullying, a good read for the upcoming holidays. Get your copy at the newsagent BRUNA.

To get a first impression, please click here.

MOVE Roll Up Banner
We have made a
MOVE roll up banner

to be used at MOVE conferences. It gives a short summary of the research carried out within MOVE, and when displayed it adds presence to your meeting. The size is approx. 1 x 2 meter, it comes with a spotlight and is easy to install. If you should want to use it for an event, please contact moveoffice.fbw@vu.nl