

Amsterdam Movement Sciences

Annual Research Meeting

Date & Time

2 April 2026, 8:30 – 19:00 hrs

Venue

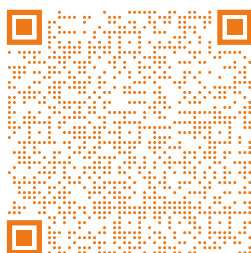
KIT, Royal Tropical Institute, Mauritskade 63,
Amsterdam

Workshops

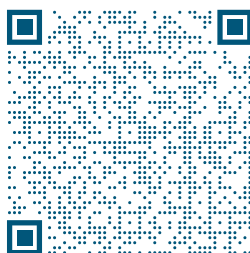
Topics:

- *Combined physical examination and radiology for different hand and wrist pathologies* - Miryam Obdeijn & Frank Smithuis
- *One-dimensional statistical parametric mapping for motion analysis* - Jos Vanrenterghem
- *(peer)mentoring and networking* - Janneke Schwaner
- *Fit for the Job! Overview and Workout* - Don de Winter
- *Making impact through valorisation* - Christopher Ashbrook
- *The practical side of Data Management* - Jolien Scholten, Agustin Medina, Elize Vlainic, Meriem Manani

Scan to get
information on the
workshops



Scan to get
information on the
break-out sessions



The 9th AMS Annual Research Meeting Programme:

Time

- 8:30** Registration & Coffee
- 9:00** Opening & AMS update: **Prof. dr. Richard Jaspers** & **Prof. dr. Hans Tol**
- 9:15** Keynote 1: **Prof. dr. Peter Beek** (Human Movement Sciences, VU Amsterdam): *Varying perspectives on interindividual variability in motor performance and learning.*
- 10:00** Outstanding Paper Award Presentations & Societal Impact award Presentation
- 10:25** Coffee break
- 11:00** Break-out Sessions (for details see the blue QR-code or the back);
- Break-out Session I; *Ageing & Vitality and Rehabilitation & Development*
 - Break-out Session II; *Musculoskeletal Health and Tissue Function & Regeneration*
 - Break-out Session III; *Sports Science*
- 12:10** Poster Session I; even numbered posters
- 12:40** Lunch
- 13:10** Poster Session II; odd numbered posters
- 13:45** Presentations;
- **Elze Geurts:** *Eight out of ten patients participate at their desired level of sports after talar osteoperiostic grafting from the iliac crest for large osteochondral lesions of the talus.*
 - **Tom Kerkhoff:** *The effects of serum, containing myositis-specific autoantibodies, on muscle fiber contractility in Immune-Mediated Necrotizing Myopathy.*
 - **Joep Suskens:** *Creating space in small joints for visual evaluation and surgical treatment of osteoarthritis.*
- 14:15** Workshops
- 15:15** Coffee break
- 15:40** Keynote 2: **Prof.dr. Bas Bloem**, (Radboud UMC): *The importance of exercise for people with Parkinson's disease.*
- 16:25** Winner of Best Poster Awards & closure
- 16:35** Social activity
- 17:00** Networking Reception

Amsterdam Movement Sciences Annual Research Meeting

11:00-12:10u

Break-out Sessions

Break-out Session I: AMS- Ageing & Vitality and AMS- Rehabilitation & Development

*Moderators: Victoria Milbourn
& Merel Brehm*

11:00-11:40u

Distinguished lectures:
dr. Melissa Hooijmans, VU Amsterdam: *Interleaved 31P-MRS and 1H-MRI to assess mitochondrial and capillary function in the upper arm and leg muscles of young and old individuals &*
dr. Jaap van Netten, Amsterdam UMC: *Moving the goalpost – how research contributes to the paradigm shift from “preventing ulcers” to “(safely) improving activity”*

11:40-11:50u

Braeden Charlton, VU Amsterdam: *An inability to recover: reduced regenerative markers and altered metabolism in patients with me/cfs and long Covid*

11:50-12:00u

Jules Cool, Amsterdam UMC: *Radiation reduction in computer-assisted spinal deformity surgery using 3D and 2D pediatric specific low-dose fluoroscopy protocols*

12:00-12:10u

Arianne Gravesteijn, Amsterdam UMC: *Sustained Benefits of a Multi-Domain Lifestyle Intervention in Multiple Sclerosis in the LIMS study: A 24-Month Follow-Up*

Break-out Session II: AMS- Musculoskeletal Health and AMS- Tissue Function & Regeneration

*Moderators: Ton Schoenmaker
& Ibrahim Korkmaz*

Distinguished lectures:
dr. Jasper Koning, Amsterdam UMC: *The road towards human immunocompetent, vascularized in vitro skin models &*
dr. Maarten Steinz, Amsterdam UMC: *Systemically elevated inflammatory cytokine IL-6 in established rheumatoid arthritis affects muscle mitochondrial respiration*

Roland Bumbuc, Amsterdam UMC: *The acute phase response to burn injury: an in-silico modeling approach*

Hadi Seddiqi, ACTA: *Perfusion cell culture induces oxygen diffusion and osteogenic activity in multi-channeled critical-size silk fibroin scaffolds with pre-osteoblasts: experimental and finite element modeling study*

Antong Wu, VU Amsterdam: *Metformin alleviates temporomandibular joint osteoarthritis by targeting chondrocyte senescence through FoxO1-mediated autophagy*

Break-out Session III: AMS- Sports Science

*Moderators: Aske Gye Larsen &
Ivo Lutke Schipholt*

Distinguished lectures;
dr. Jos de Koning, VU Amsterdam: *Measuring VO2 accurately seems easy, but reality is different &*
dr. Guus Reurink, Amsterdam UMC: *Acute muscle injuries: from science to clinical practice*

Timo van den Bogaard, VU Amsterdam: *Responsiveness of the calera research sensor to heat-acclimation-induced reductions in rectal temperature*

Michel de Haan, VU Amsterdam: *Disentangling the relationships between muscle characteristics and physical capacities in young elite soccer players*

Tamara de Haas, Amsterdam UMC: *Can existing predictive equations accurately estimate resting energy expenditure in individuals with neuromuscular diseases?*