# NATIONAAL CONGRES SPORT, BEWEGEN & GEZONDHEID

TEIT AMSTERDAM  MMINK, CHAIR OF WATERTOREN PLATFORM, I PLATFORM FOR UNIVERSITIES IN SPORTS, EXERCISE AND HEALTH
I PLATFORM FOR UNIVERSITIES IN SPORTS, EXERCISE AND HEALTH
SLUIJS, UNIVERSITY OF CAMBRIDGE

29 JUNI 2023

## **VRIJE UNIVERSIT**

08.30 - 09.15 UUR

REGISTRATION, COFFEE/TEA

09.15 - 09.30 UUR

OPENING PROF. DR. KOEN LEM THE NATIONAL COOPERATION

09.30 - 10.30 UUR

KEYNOTE DR. ESTHER VAN SI "MIND THE GAP - DELIVERING ON THE PROMISE OF SCHOOL-BASED PHYSICAL ACTIVITY PROMOTION"

10.30 - 10.45 UUR

COFFEE/TEA

10.45 - 11.45 UUR

#### PARALLEL SYMPOSIA SESSION 1

#### Exercise is Medicine I

- LOFIT project: lifestyle front office for integrating lifestyle medicine in the treatment of patients with referral towards community-based lifestyle options, dr. Judith Jelsma (Amsterdam UMC, location VUmc)
- MIB program Amsterdam, sport, physical activity and nutrition for migrant elderly with diabetes, (Amsterdam University of Applied Sciences) (tba)
- Prehabilitation interventions, (Dutch Medical Centers) (tba)

#### 1.2. Prototyping with XR (i.e. VR, AR, MR)

Co-creation with XR-businesses for training optimization with NOC NSF (Olympics summer sports: archery, BMX, beach volleyball and handball) (VU-NOC NSF-National Science Agenda),

- dr. David Mann and MSc. Daniel Müller (VU Amsterdam)
- Using VR to simulate AR for designing feedback interfaces in cycling, dr. Jason Moore (Technical University Delft)
- Rowing in VR: opening up new research possibilities, dr. Matthijs Hofmijster (VU Amsterdam and Amsterdam University of Applied Sciences)
- Bringing sailing to shore through immersive data visualisation, Berend Baas (Technical University Delft)

#### Stimulating movement in the first 10.000 days

- The first 1.000 days; toddlers and preschoolers
- Exercise should be fun, especially for teenagers!
- How to find the time as young professionals and parents? Fontys, Technical University Eindhoven, and Amsterdam University of Applied Sciences) (tba)

11.45 - 13.00 UUR



POSTER PRESENTATIONS WITH HEALTHY LUNCH, CATERED BY TOPSPORT AMSTERDAM

### 13.00 - 14.00 UUR

### PARALLEL SYMPOSIA SESSION 2

- Exercise is Medicine II
  - Join efforts for integration of physical activity and exercise research within health care, dr. Erja Portegijs (University Medical Center Groningen)
  - PIE=M, combined healthy lifestyle approaches for people with chronic illnesses, dr. Jose Nauta (VUMC) (Amsterdam UMC, location VUmc and HvA)
  - Creating a shared knowledge agenda for Exercise is Medicine, dr. Joyce Vrijsen (University Medical Center Groningen)
- Performance enhancement in elite and sub-elite athletes
  - Training mind and body for excellence, dr. Raoul Oudejans

- (VU Amsterdam Amsterdam University of Applied Sciences)
- Enhancing elite performance in soccer, dr. Michel Brink (University Medical Center Groningen)
- Development of feedback systems for pitching performance and injury risk, Larisa Gomaz (Technical University Delft)

### Lowering the biological age by physical exercise

- Intrinsic capacity and biological age introduction of longevity, prof. dr. Andrea Maier (VU Amsterdam - National University of Singapore)
- Association between epigenetics and physical activity, dr. Jenny van Dongen (VU Amsterdam)
- Molecular basis of physical exercise-induced lowering of biological age, prof. dr. Richard Jaspers (VU Amsterdam)

### 14.00 - 15.00 UUR

### PARALLEL SYMPOSIA SESSION 3

- 3.1. Fit for Health
  - Looking beyond exercise: healthy physical activity patterns, dr. Brenda Berendsen (Maastricht University)
  - Leaving the comfort zone: healthy indoor environments, dr. Hannah Pallubinsky (Maastricht University)
  - Prehabilitation: preparing patients for surgery, dr. Bart Bongers (Maastricht University)
- 3.2. Sport injuries & health protection
- Chronic workload ratio and injuries in CrossFit,

drs. Pablo Stegerhoek (Amsterdam UMC, location VUmc)

- The context of injury prevention from the athlete's perspective, dr. Caroline Bolling (Amsterdam UMC, location AMC)
- Health protection: a key factor for athlete success, prof. dr. Evert Verhagen (Amsterdam UMC, location VUmc)

### 3.3. Living Labs and other impact strategies

- Living Labs for Urban Vitality, drs. Annemarie Hulst-Waal - (Amsterdam University of Applied Sciences)
- Sustainability of Livings Labs dr. Dilene van Campen, (Amsterdam University of Applied Sciences) and Danielle de Boer, (National Science Agenda Sport, Physical and Activity)

### 15.00 - 15.15 UUR

COFFEE/TEA

15.15 - 16.15 UUR

KEYNOTE **PROF. DR. CLAUDINE LAMOTH**, UNIVERSITY MEDICAL CENTER GRONINGEN "PHYSICAL ACTIVITY AND AGING: INSIDES FROM THE CAPABILITY APPROACH"

### 16.15 - 17.15 UUR

### POSTER PRESENTATIONS AND IMPACT WORKSHOPS

- ▶ National and international funding opportunities, Danielle de Boer (program manager National Science Agenda)
- ► Co-creation methods for research Amsterdam University of Applied Science (tba)
- ractical proposal organisation and writing skills for young researchers, Ingrid van Gelder (Winning Sports) en Danielle de Boer (program manager National Science Agenda)

### 17.15 - 17.30 UUR

CLOSING PROF. DR. PETER BEEK

17.30 - 18.30 UUR



DRINKS WITH HEALTHY SNACKS AND NETWORKING, CATERED BY TOPSPORT AMSTERDAM



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Organized by de Watertoren, the national cooperation platform for universities dedicated to the field of Sports, Exercise and Health, in collaboration with the Amsterdam Institute of Sport Science. dewatertorensportenbewegen.nl