EVAREVA

Physical and Rehabilitation Medicine Department
University and University Hospital of Liège
Belgium

Prof Jean-François KAUX
State University of Liège
State University of Liège

• Founded by Wilhem the First of Orange in 1817

• 25,000 students spread out over 11 faculties
• 530 research units - 1,500 researchers
State University of Liège
University Hospital of Liège (CHU)

- Built in 1987
- New building for oncology and labs
- Renovation of policlinics
- 985 beds (40 for rehabilitation)
- 5,400 workers (800 MD)
PRM Department

- >40,000 consultations/year
- +/-250 workers
- 14 senior PRM
- 5 external PRM consultants
- 1 senior geriatrician (former rheumatologist)
- 1 external neurologist consultant
- 1 external rheumatologist consultant
- 1 external sports medicine consultant
- 7 trainees
- 1 study nurse
- >200 paramedicals: physiotherapists, occupational therapists, speech therapists, neuro-psychologists, psychologists, educator…
Main sectors

- Ward rehabilitation (loco and neuro)
- Cardiac rehabilitation (outpatients)
- Onco rehabilitation (in and out patients)
- Electrophysiology
- Sports (traumatology, parasports…)
- Spine clinic
- Bone metabolism
- Elderly rehabilitation
- Pediatric rehabilitation (scoliosis)
FIFA Medical Centre of Excellence

Clinical excellence  Research excellence  Teaching excellence
FIFA Medical Centre of Excellence

FIFA Medical Centres and Clinics of Excellence

- Zurich '05
- Auckland '07
- Johannesburg '07
- Munich '07
- Santa Monica '07
- Doha '08
- Oslo '08
- Regensburg '08
- Bologna '09
- Saarbrücken '09
- Sao Paulo '09
- Afield '10
- Durham '10
- Prague '10
- Zeist '10
- Brugge '10
- Budapest '10
- Rome '10
- Stockholm '10
- Guadalajara '10
- Cardiff '12
- Bangkok '12
- Melbourne '12
- Lyon '12
- Barcelona '12
- Brasilia '12
- Clairefontaine '12
- Istanbul '12
- Pachuca '12
- Porto '12
- Innsbruck '13
- St. Georges Park '13
- Murcia '13
- New York '13
- Tokyo '13
- Kobe '14
- Warsaw '14
- Madrid '14
- London '14
- Poznan '14
- Tehran '15
- Kosice '15
- Dubai '15
- Sofia '15
- Maribor '15
- Montreal '16
- Vancouver '16
- Stellenbosch '16
- Liège '16
Fields of research

- Sports
- Motion analysis —> LAMH
- Isokinetic
- Tendon - tendinopathy
- Elderly (bone metabolism, joint, muscle)
- Spine
- Electrophysiology
- Rehabilitation
- Algo-functional scores
- ...

10 PhD students

>20 papers / an

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Isokinetic

Pre-clinical (animal) and clinical trials

Evaluation  Prevention  Treatments  DOMS

Prof JL Croisier  In collaboration with Neurosciences Department  Prof B Rogister
Tendons

Pre-clinical (animal) and clinical trials

Physiology

Tendinopathy

Treatments

In collaboration with Engineering Department
Prof V Denoël
and Animal Facilities
Prof P Drion

Prof JF Kaux
Elderly

Osteo-arthritis

Osteoporosis

Sarcopenia

Prof JY Reginster
Dr A Neuprez

In collaboration with Public Health Department
Prof O Bruyère
Spine
Chronic pain

Evaluation
Spine clinic
Treatments
Scoliosis

Prof M Vanderthommen - M Tomasella
Dr S Bethlen
C Demoulin - S Grosdent - T Fettweis - PR Somville - S Wolfs
Electrophysiology ENMG

Motor unit number estimate
Inherited neuropathies
Peripheral nervous excitability
DOMS
Multiple sclerosis

Dr F Wang
X Giffroy
Rehabilitation

Oncology  tDCS - Stroke  Amputees

Rehabilitation technologies

AF Leclercq
S Bornheim
Dr D Pelzer

collaboration with Neurology Department
Prof P Maquet
Algo-functional scores

Translations and validations

STarT Back Screening Tool
VISA-A
VISA-P
PRTEE
AKPS
...

In collaboration with Public Health Department
Prof O Bruyère

Prof JF Kaux
C Demoulin
Research grants or financial resources

InterReg - Euregio Meuse-Rhine
Léon Frédéricq fund
Lejeune-Lechien fund
Désiré Jaumain Fund
ADEPS grant
Dr Delrée - AMLg Prize
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CHU de Liège
Thank you for your attention

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