Focus of research group (I)

Name PI: Saskia Middeldorp
Department, UMC: Vascular Medicine, AMC
Size of research group:
Post-docs: Thijs van Mens, Nick van Es.
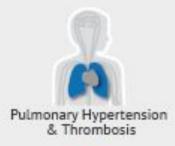PhDs: Bavalia, Beenen, Bistervels, Bosch, (Cunha), Hamulyak, Jansen, Kraaijpoel, Mulder

Dissertations 2019: Klaassen, Horjus, Scheres, (Haan, Karamat)

Current mission, vision and aims

1. To remain a world's leading research group with high impact clinical research into the causes, prevention, diagnosis and optimal management of venous thromboembolism (VTE)

2. International, multi-center collaboration and combining pharma and investigator initiated research is essential

Heart Failure & Arrhythmias

Pulmonary Hypertension & Thrombosis

Atherosclerosis & Ischemic Syndromes

Diabetes & Metabolism

Microcirculation
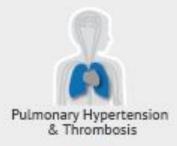
Focus of research group (II)

Current expertise
1. Thrombophilia & Women's issues in Thrombosis
   - PI of two international RCTs (Highlow, ALIFE2)
2. Cancer and VTE (collaboration Harry Buller, PW Kamphuisen, Nick van Es)
3. Optimal management of anticoagulation (collaboration Michiel Coppens)
   - Steering Committee of andexanet registry studies
4. Microbioma and VTE (collaboration Thijs van Mens) -biobanks

Current funding
- VIDI (Middeldorp, reproductive aspects of thrombophilia)
- Trombosestichting (PLATO-VTE study)
- Aspen/French Ministry of Health/Health Research Board Ireland (Highlow studie)
- NHS-RfPB (ALIFE2 in UK)
- Bayer (anticoagulant use)
- Boehringer Ingelheim (RCT dabigatran for HMB)
- Amsterdam Reproductive & Development
- Winstreserve/lezingenpot ;-)

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Future plans

Short term (1-2 year) plan

Plans:
- Finish Highlow and ALIFE2
- Prepare and conduct HMB trial in women on FXa inhibitors
- Translational pilot data in APS, microbioma

Necessary infrastructure:
- Improvement of (legal/bureaucracy/monitoring) support for investigator-initiatied multicenter research
- Translational/fundamental coagulation lab
- Strong (inter)national network: Chair INVENT-VTE, Co-chair DTN

Long term (>2 year) plan

Plan:
- Re-vitalize large collaborative grant application (Europe, other..)

Necessary infrastructure: -

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