



Program – NVTH Symposium – September 15-16, 2021
Strandhotel Westduin – Koudekerke, Zeeland

Wednesday September 15th, 2021

11.30 – 12.30 Registration and Lunch

12.30 – 12.50 **Keynote Lecture I**

Moderator: Ton Lisman

Dr. Joris Roelofs (Amsterdam UMC)

'Hemostatic components in kidney injury and repair'

12.50 – 13:30 **Session I: Anticoagulant drugs**

Moderators: Tim Postmus & Tessa Elling

Camilleri-Association of single nucleotide polymorphisms with major bleeding risk during Vitamin-K Antagonists treatment: a case-cohort study

Maag-Plasma thrombin generation in the presence of TIX-5 may contribute significantly to a prediction model for major bleeding in patients on VKA anticoagulant therapy

Chen-Changes in prescription pattern of oral anticoagulants and prognosis in incident non-valvular atrial fibrillation

Burggraaf-Selective serotonin reuptake inhibitor use is associated with major bleeding during treatment with vitamin K antagonists: results of a cohort study

13:30 – 14.15 **Poster Pitches I. Clinical research**

Moderator: Mettine Bos

Arisz-a Novel Assay for Diagnostic Evaluation of Haemophilia A Patients

Brands-Towards personalized care and patient empowerment: user perspectives on a Personal Health Record in Hemophilia care

Burggraaf-Tailored anticoagulant treatment after a first venous thromboembolism: protocol of the Leiden Thrombosis Recurrence Risk Prevention (L-TRRiP) study, a cohort based randomized controlled trial

Camilleri-Coagulation factors levels during and after anabolic androgenic steroid use: data from the HAARLEM study

Chen-Lower excess mortality in an anticoagulated population during the first wave of the COVID-19 pandemic in the Netherlands

Iding-Coagulation parameters in relation to residual venous obstruction and adverse outcomes following deep vein thrombosis

Romano-Population pharmacokinetics of anti-Xa levels in COVID-19 ICU patients receiving prophylaxis for thrombo-embolic events using nadroparin

Visser-The immediate effect of COVID-19 vaccination on anticoagulation control in patients using vitamin K antagonists

Wang-Association between cardiovascular risk factors and venous thrombosis in the elderly

Wang-Remote history of venous thrombosis and the risk of venous thrombosis beyond the age of 70 years

Zheng-Platelet Reactivity and Postoperative Myocardial Injury After Major Non cardiac Surgery

Steuwer-Short-term incidence of thrombotic complications in male-to-female transgender individuals

14.15 – 15.00 Coffee/Tea break

15.00 – 15.20 **Keynote Lecture II**

Moderator: Marieke Kruip

Prof. Marieke Wermer (LUMC)

'The interplay between migraine and ischemic stroke'



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15.20 – 16.00 **Session II: Biochemistry**
Moderators: Ryanne Arisz & Tom vd Berg

Srijbis-A blood coagulation factor IX variant that functions independently of factor VIII mitigates the hemophilia A phenotype in patient plasma

Bar Barroeta-Interaction of factor XI with ligands studied with novel anti-factor XI nanobodies

Gentier-The use of a Protein S Gla domain peptide as a novel tracer for early calcification

Miranda-Selection of immuno-dominant T cell epitopes from the repertoire of FVIII derived peptides presented on MHC class II

16.00 – 16.45 **Poster Pitches II. Basic research**
Moderator: Coen Maas

Anijs-Identification of Tumor-expressed MicroRNAs Associated with Venous Thrombosis in Colorectal Cancer

Arfman-PAD4-mediated citrullination of ADAMTS13 in sepsis and immune-mediated TTP

Jongejan-Identification of small interfering RNAs for allele-selective silencing of murine von Willebrand factor

Laan- Characterization of endothelial cell function in a patient with recurrent gastrointestinal bleeding using patient-derived endothelial colony forming cells

De Simone-Coagulation and anticoagulation factors affecting platelet responses independently of thrombin and fibrin

Kapteijn-CDKN2A mutational status is associated with venous thromboembolism in patients with glioblastoma

16:45 – 17:15 Break

17:15 – 17:45 NVTH Quiz

17:45 – 18.45 **Van Creveld Lecture**
Moderator: Mettine Bos

Prof. Beverly Hunt (King's College Hospital London, UK)
'Expanding professional and public understanding of thrombosis & haemostasis'

19.00 Dinner at Kontiki (beach)



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Thursday September 16th, 2021

07.30 – 09.00 Breakfast

09.00 – 09.20 **Keynote Lecture III**

Moderator: Henri Spronk

Dr. Ruben Bierings (Erasmus MC)

'Exocytosis of Weibel-Palade Bodies: How to Unpack a Vascular Emergency Kit'

09.20 – 10.00 **Session III: Thrombosis associated with disease –**

Moderators: Rayna Anijs & Rowan Frunt

Driever-Non-malignant portal vein thrombi in patients with cirrhosis consist of intimal fibrosis with or without a fibrin-rich thrombus

Huckriede-Presence and evolution of NET markers and DAMPs in critically ill COVID-19 patients

Vries de J-Fibrin structure does not explain the increased risk of thrombosis in COVID-19 ICU patients

Bhoelan-Long term trends of coagulation parameters in people living with HIV-1 treated with combined antiretroviral therapy

10:00 – 10:20 **Keynote Lecture IV**

Moderator: Heleen van Ommen

Dr. Rolf Urbanus (UMC Utrecht)

'Pathogenesis of the antiphospholipid syndrome'

10:20 – 11:00 Break

11.00 – 11.40 **Session IV: Blood cells**

Moderators: Ellen Driever & Dominique Maas

Kreft-Platelet proteomic profiling in patients with inherited platelet function disorders

Veninga-Highly reactive juvenile platelets express higher levels of GPVI in a size-related manner

Quazzani Chahdi-The role of red blood cells in venous thrombi

Groten-Multi-omic delineation of cytokine-induced endothelial inflammatory states

11:40 – 12:00 Results Quiz & NVTH awards

12.00 – 13.30 Lunch

13.30 – 14.00 NVTH Annual meeting



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14.00 – 14.40 **Session V: Bleeding & thrombosis**
Moderators: Yvonne Jongejan & Tine Goedhart

Drop-Acquired Von Willebrand disease in pediatric patients undergoing Extracorporeal membrane Oxygenation
Romano-Drastic decrease in FVIII response after repeated daily desmopressin administrations in perioperative non-severe hemophilia A patients: final results of tachyphylaxis in the DAVID and Little DAVID study.
Iding-Residual venous obstruction as an indicator of adverse outcomes following deep vein thrombosis
Visser C-Safety measurement of the Moderna COVID-19 vaccine in patients with immune thrombocytopenia: a prospective study.

14.40 – 15:00 Presentation Jeanne Stibbe bokaal and closure