



Program Scientific Spring Meeting NVKF&B and NVF

11 April 2025, Amsterdam UMC, location AMC

Meibergdreef 9, 1105 AZ Amsterdam Zuidoost

09.00 h Registration
 09.30 h Welcome and introduction
 09.35 h Plenary session – **collegezaal 4**

Advances in maternal and cardiovascular health: From placental models to therapeutic interventions

9.35 h	Prof. dr. Jan Danser - THE PLACENTAL PERFUSION MODEL: PAVING THE WAY FOR ENDOTHELIN RECEPTOR ANTAGONISM IN PREECLAMPSIA
9.55	Prof. dr. Saskia de Wildt - MADAM PROJECT: MODEL-ADJUSTED DOSES FOR ALL MOTHERS
10.15	Soroush Mohammadi Jouabadi - TARGETING ANGIOTENSIN II-INDUCED ENDOTHELIAL DYSFUNCTION IN PORCINE CORONARY ARTERIES: METFORMIN AND COLCHICINE AS THERAPEUTIC AGENTS
10.25	Wendy van der Wekken - DORAVIRINE IN BREASTMILK OF HEALTHY, LACTATING, HIV-NEGATIVE WOMEN AFTER A SINGLE DOSE OF 100MG

10.35 h Coffee Break

11.00 h Parallel oral presentation sessions

Location: collegezaal 5

Session 1	Exploring cellular mechanisms and their pharmacological targets: From GPCRs to Microglia and Neurons
11.00	Philippe Vangrieken - DIETARY DICARBONYLS: BOON OR BANE FOR HEALTH?
11.15	Lotte De Niro - VIRAL GPCR US28 AS A DRIVER OF ONCOGENIC EXTRACELLULAR VESICLE SECRETION IN BRAIN CANCER
11.30	Teresa Mitchell-Garcia - DIFFERENTIATION OF LRRK2-G2019S IPSC-DERIVED MICROGLIA TO STUDY ALTERATIONS IN MICROGLIA FUNCTION IN THE CONTEXT OF PARKINSON'S DISEASE
11.45	Carli Koster - TGFB INDUCES CHANGES INDICATIVE OF NEUROPLASTICITY IN NOVEL MODEL OF HPSC-DERIVED SENSORY NEURONS

Location: Collegezaal 4

Session 2	Pharmacogenetics
11.00	Niels Heersche - DOSE-INDIVIDUALISATION OF FLUOROPYRIMIDINES BASED ON PRE-TREATMENT SERUM URACIL LEVELS
11.15	Elise Slob - COST ANALYSIS OF ADRB2 GENOTYPE-GUIDED TREATMENT FOR CHILDHOOD ASTHMA: RESULTS OF THE PUFFIN AND PACT TRIAL
11.30	Karel Koudijs - EFFECT OF CYP3A4 METHYLATION ON TACROLIMUS PHARMACOKINETICS
11.45	Rosa Randoe - FAMILY C ORPHAN GPRC5B IN MEGALENCEPHALIC LEUKOENCEPHALOPATHY: FROM GENETICS TO LIGAND DISCOVERY

Location: Collegezaal 1

Session 3	Oncology
11.00	Ma Ida Mohmaed Ali - REDUCING THE BURDEN OF A DRUG-FOOD INTERACTION STUDY IN CANCER PATIENTS USING A STABLE ISOTOPICALLY LABELLED MICROTRACER: A PROOF-OF-CONCEPT STUDY WITH ALECTINIB
11.15	Douwe van der Meer - EVALUATION OF LOW DOSE DEXAMETHASON AS PREMEDICATION FOR DOCETAXEL INFUSION IN PATIENTS WITH PROSTATE AND BREAST CANCER
11.30	Ortiz Zacarías Natalia - ILLUMINATING THE LIGAND-INDUCED RECEPTOR FATE OF CC CHEMOKINE RECEPTOR (CCR2)
11.45	Eric Franssen - IN THE REAL-WORLD, A PHARMACOKINETICALLY GUIDED FOOD INTERVENTION ALSO OPTIMIZES ABIRATERONE TREATMENT IN MCRPC

12.00 h Lunch – **near collegezaal 1 en 4**

12.30 h General Meetings NVKF&B (**zaal 4**) and NVF (**zaal 5**)

12.30 h Junior career session (**zaal 1**)

- 1) Tom Schirris
- 2) Keivan Golshiri
- 3) Wiktor Szymanski

13.30 h Moderated poster sessions – **near collegezaal 4**



14.30 h Parallel oral presentation session

Location: Collegezaal 5

Session 4	Innovative approaches in drug discovery and pharmacological interventions: From cancer to arrhythmia and beyond
14.30	Wiktor Szymanski - IMAGE-GUIDED PHARMACOTHERAPY WITH LIGHT
14.45	Chiara Lavitola- EFFECTS OF BUDESONIDE ON AIRWAY NEUROPLASTICITY IN ASTHMA
15.00	Tamara A.M - CYCLOALKYLAMINE ANALOGUES AS NOVEL INHIBITORS FOR THE NOREPINEPHRINE TRANSPORTER
15.15	Aiman Saleh A. Mohammed - INVESTIGATION OF THE ANTIARRHYTHMIC EFFECTS OF SZV-2649, A NEW AMIODARONE-LIKE MEXILETINE ANALOG COMPOUND

Location: Collegezaal 4

Session 5	Pharmacokinetics and safety
14.30	Joris van Sabben - ASSESSING SAFETY OF THE TRANSITION TO GENERIC IMATINIB IN GIST TREATMENT
14.45	Sadaf Atiqi - ADALIMUMAB DOSE REDUCTION USING THERAPEUTIC DRUG MONITORING TO MANAGE LOW DISEASE ACTIVITY IN RHEUMATOID ARTHRITIS: A SINGLE-BLIND, RANDOMIZED CLINICAL TRIAL
15.00	Tom Uyl - ONSET AND PROGRESSION OF ATHEROSCLEROSIS IN PATIENTS WITH MELANOMA TREATED WITH IMMUNE CHECKPOINT INHIBITORS
15.15	Berdiën Oortgiesen - THE INCIDENCE OF BLEEDING AND THROMBOTIC COMPLICATIONS AFTER BARIATRIC SURGERY AMONG VITAMIN K ANTAGONIST USERS AND DIRECT ORAL ANTICOAGULANT USERS: A RETROSPECTIVE STUDY

Location: collegezaal 1

Session 6	Advancements in population pharmacokinetics and modeling for optimized drug dosing
14.30	Lisanne Bevers - A POOLED POPULATION PK ANALYSIS INVESTIGATING ONCE-DAILY STANDARD DOSING OF DOLUTEGRAVIR IN HIV/TB CO-INFECTED CHILDREN WEIGHING 3 KG OR MORE.
14.45	Karina Koszarska - DEVELOPMENT OF PHYSIOLOGICALLY-BASED PHARMACOKINETIC (PBPK) MODELS FOR DASATINIB AND ALECTINIB IN PREGNANT WOMEN
15.00	Sybrand Zielhuis - POPULATION PHARMACOKINETICS OF NEO-ADJUVANT IPILIMUMAB AND NIVOLUMAB IN PATIENTS WITH LOCOREGIONALLY ADVANCED UROTHELIAL CARCINOMA
15.15	Daan W. Van Valkengoed - SIMULATION-BASED EXPLORATION OF THE P-GLYCOPROTEIN EXPRESSION-ACTIVITY RELATIONSHIP SHOWS A DRUG AND SYSTEM DEPENDENCY

15.30 h Break

15.45 h Closing session/awards – **collegezaal 4**

NVKFB- Thesis & NVF-Thesis Awards

Pitches from the prize winners 2 x 15 min

16.15 h Prize ceremony – **collegezaal 4**

NVKFB-TOP Publication Award 2024 with oral presentation

NVF best poster prize

NVKFB best poster prize

NVKFB Teaching prize

16:45 h

Drinks and networking