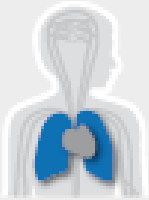
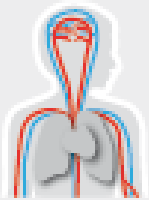


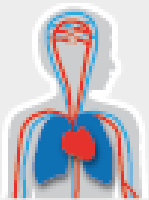
Heart Failure & Arrhythmias



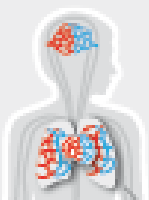
Pulmonary Hypertension  
& Thrombosis



Atherosclerosis  
& Ischemic Syndromes



Diabetes & Metabolism



Microcirculation

# Focus of research group (I)

Name PI: Irene van Valkengoed, PhD

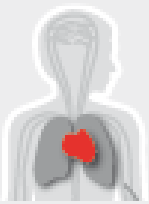
Department, UMC: Public Health, AMC

Size of research group: 4 PhDs

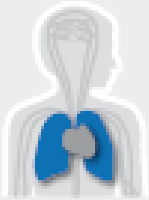
## **Current mission, vision and aims**

To contribute to the reduction of inequalities in cardiovascular and metabolic health between men and women (by sex and gender), across socioeconomic and ethnic groups.

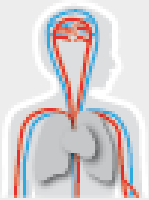
The work focuses on understanding in whom and how the social becomes biological, and forms a bridge between Amsterdam Public Health and Amsterdam Cardiovascular Sciences.



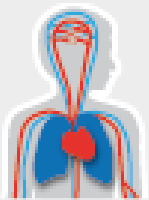
Heart Failure & Arrhythmias



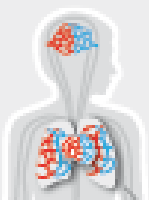
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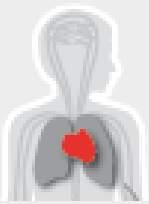
# Focus of research group (II)

## Current expertise

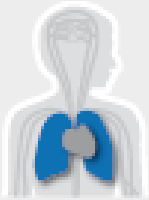
- Sex/gender, ethnic and socioeconomic inequalities in cardiovascular and metabolic disease (e.g. type 2 diabetes, chronic kidney disease, out-of-hospital cardiac arrest)
- Bridging the social and biological; analysis of environmental, behavioral, and biological determinants
- Public health, screening, prevention
- Methodological experience (e.g. study design and analysis of general population cohorts and intervention studies)

## Current funding

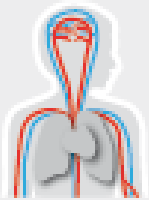
- ZonMw, Targeted cardiovascular disease prevention for women in the Netherlands, using an intersectionality perspective (PI)
- H2020, Socioeconomic inequalities in out-of-hospital cardiac arrest in men and women (WP, Escape-net collaboration)
- EU CHAFEA and AMC, Lipotoxicity, metabolites and type 2 diabetes in in South Asians (Co-PI, EuroDHYAN consortium)
- H2020, Effectiveness of type 2 diabetes prevention in South Asian men and women (WP, iHealth consortium)



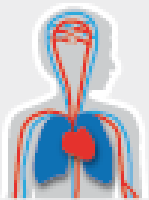
Heart Failure & Arrhythmias



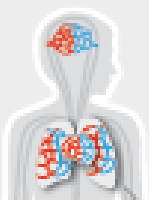
Pulmonary Hypertension  
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Diabetes & Metabolism



Microcirculation

# Future plans

## Plans

Investigating specific cardiovascular and metabolic health and health care needs of subgroups of men and women, e.g. by age, socioeconomic position, ethnicity and sexual orientation. This includes analysis of sex-specific (biological) and gender-specific (sociocultural) determinants of health inequalities, and their interactions.

Translation of findings into recommendations for preventive and treatment guidelines and design of interventions.

*Necessary infrastructure:* Implementation of gender/sex measures in new and ongoing population and clinical studies.

## Collaboration in ACS

Ongoing collaborations with several researchers of ACS, e.g. single papers and full projects within the HELIUS and ARREST studies. I welcome the collaboration within these or other projects, not only for single analyses but also with the intention of collaboratively developing work that builds on the findings. Let's meet: [i.g.vanvalkengoed@amsterdamumc.nl](mailto:i.g.vanvalkengoed@amsterdamumc.nl)