



NUTRIOME

Welcome

Dr. Susan LM Coort

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Dr. Martina Summer-Kutmon

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**Funded by
the European Union**



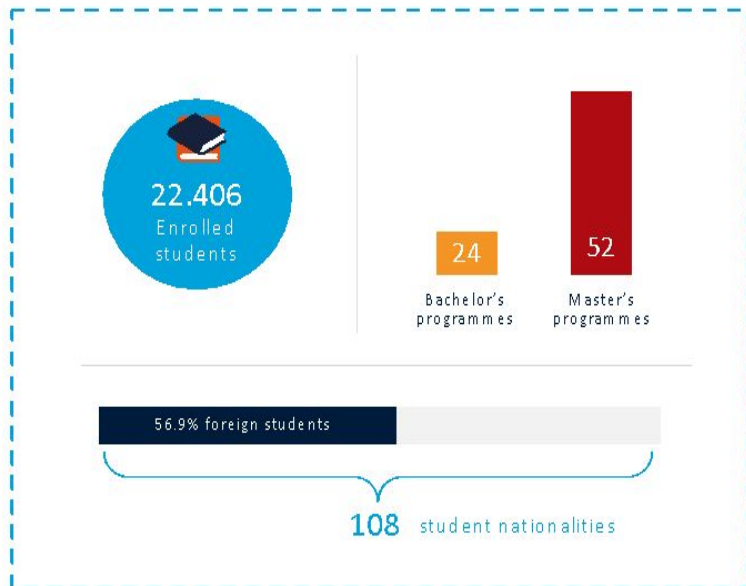
In the south of the Netherlands, at the heart of Europe

We are the European university of the Netherlands.

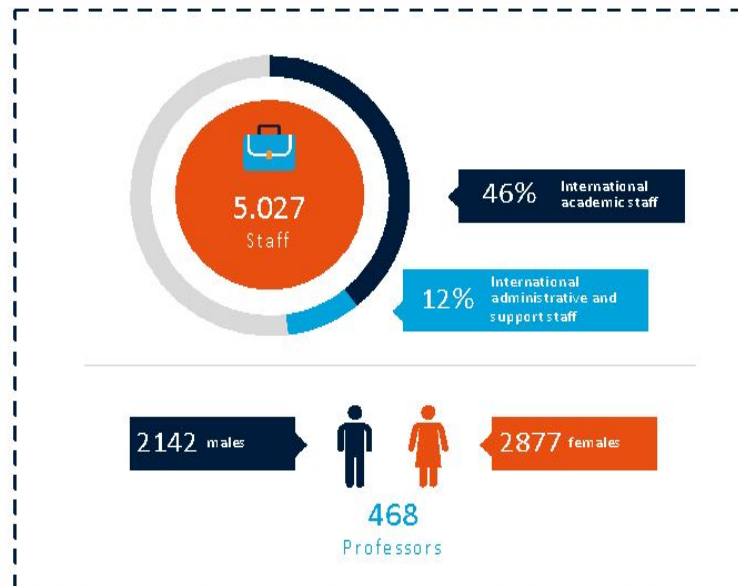


Our community (2022)

Education



Staff



Who are we?

- Most international and youngest (1976) university in the Netherlands
- European pioneer of Problem-Based Learning
- One of the highest ranked young universities in the world
- Member of the Worldwide Universities Network (WUN), Young European Universities Research Network (YERUN) and European Alliance for Social Science and Humanities (EASSH)
- Coordinator of Young Universities for the Future of Europe (YUFE)



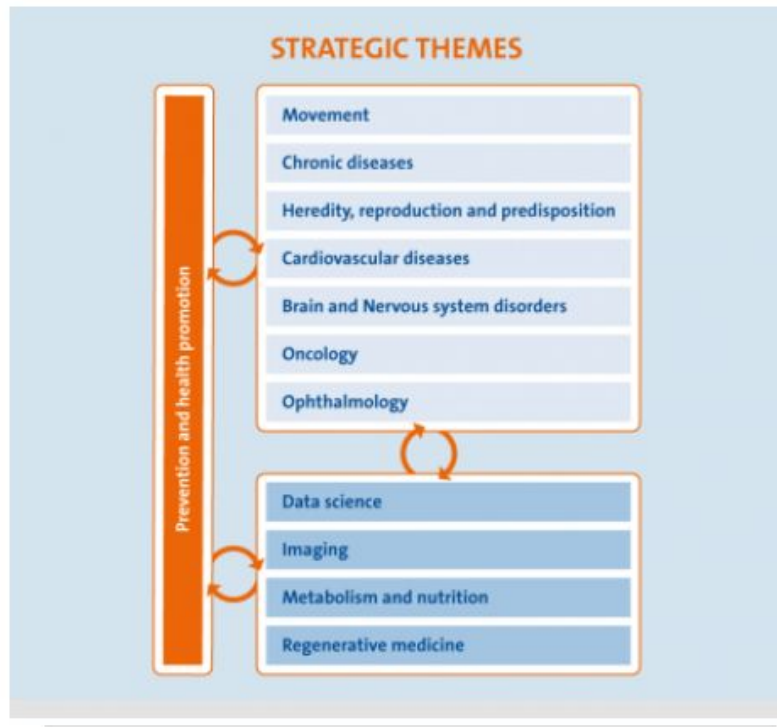
Maastricht University





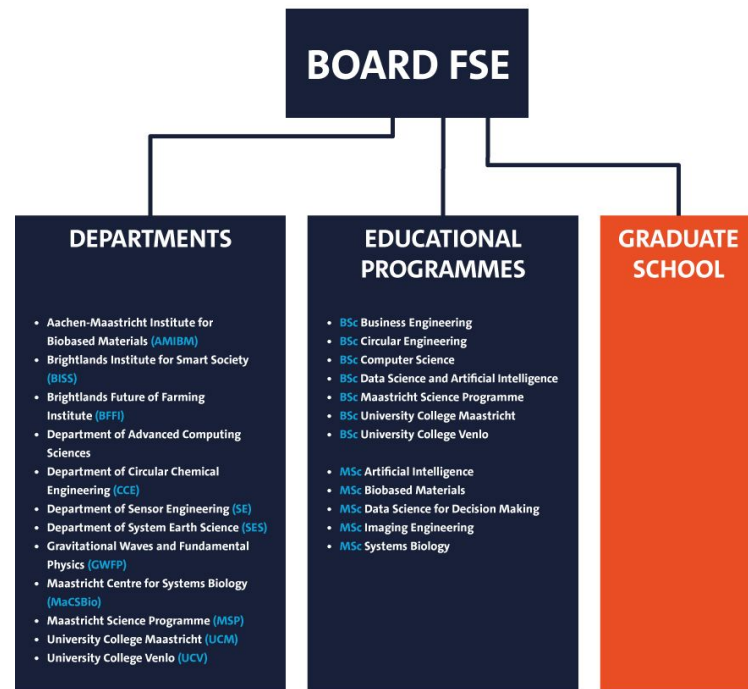
FHML

Faculty of Health Medicine and Life Sciences



FSE

Faculty of Science and Engineering



FHML – NUTRIM/BiGCaT FSE - MaCSBio

NUTRIM is the research institute for Nutrition and Translational Research in Metabolism.

NUTRIM Division 1 – lead by Susan Coort and Jogchum Plat

Metabolic health

- Obesity, diabetes, cardiovascular health
- Impact lifestyle & living environment (e.g. diet, physical (in)activity, cold exposure, circadian rhythm) and pharmacological interventions
- Mechanistic insight for targeted interventions
- Strategies to assist changing lifestyle / healthier choices



BiGCaT is the bioinformatics department

MaCSBio is the Maastricht Centre for Systems Biology.

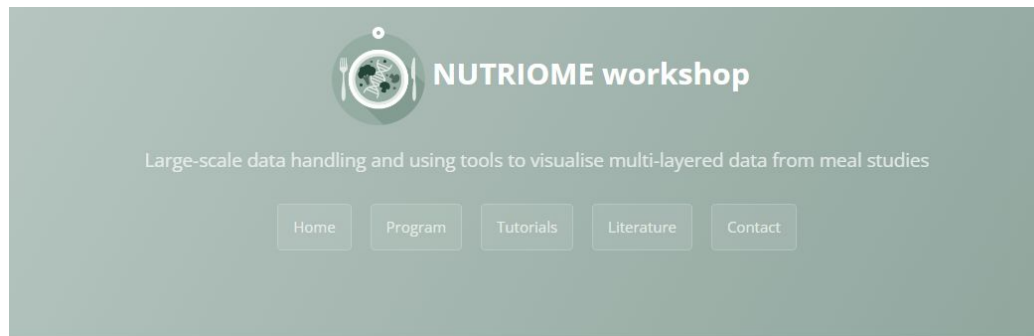


Research






- Three research themes: **Systems BioMedicine**, Computational Neuroscience and Systems Toxicology
- At the interface of biology and computational modelling
- Developing and applying novel mathematical and computational multi-scale models and methods
- Integrating human (multi-)omics data with detailed phenotypic information

Workshop Website

<https://susancoort.github.io/NUTRIOMEworkshop1.github.io/>



Welcome to the NUTRIOME Workshop

May27	May28	May29	May30	May31
				
Introduction to NUTRIOME	Metabolomics	Transcriptomics	Multi-omics, Pathways and Networks	Data management

NUTRIOME workshop1 is developed by the department of Bioinformatics-BIGCaT and the Maastricht Centre for Systems Biology (MaCSBio) at Maastricht University (NL).





Program

Monday May 27, 2024

Time	Topic	Teacher
13:00-13:10	Welcome	Susan Coort
13:10-14:00	Lecture: NUTRIOME project introduction	Stine Ulven
14:00-14:15	Coffee/tea	
14:15-15:00	Lecture: NUTRIOME organisation	Hege Berg Henriksen
15:00-16:00	Lecture: Nutrigenomics and personalized nutrition	Stine Ulven
16:00-17:00	RDC introductions (5 min each)	
17:00-	Get to know each other + dinner at SAAM	



Program

Friday May 31, 2024

Time	Topic	Teacher
09:30-10:15	Lecture: Research data management	Mijke Jetten
10:15-11:00	Tutorial: Research data management part 1	Martina, Susan
11:00-11:15	Coffee/tea	
11:15-12:00	Tutorial: Research data management part 2	Martina, Susan
12:00-13:00	Lunch to go	







Organization

Teachers

- **Prof. dr. Stine Ulven**
NUTRIOME coordinator
Personalized nutrition/Nutrigenomics/Lipid metabolism
Professor at the Department of Nutrition, University of Oslo, Norway
- **Dr. Hege Berg Henriksen**
NUTRIOME project manager
Personalized nutrition/Dietary interventions
Research at the Department of Nutrition, University of Oslo, Norway
- **Prof. dr. Lorraine Brennan**
Metabolomics/Biomarkers/Food
Professor at Institute Food & Health and Conway institute, University College of Dublin, Ireland
- **Prof. dr. Carsten Carlberg**
Epigenomics/Transcriptomics/Vitamin D
Professor at the Institute of Animal Reproduction and Food Research, Polish Academy of Sciences in Olsztyn, Poland
- **Dr. Mijke Jetten**
Research Data Management/Data Stewardship
FAIR Data Lead & Community Manager Data Stewardship at Health-RI, the Netherlands

Organization

	Dr. Susan Coort Nutrigenomics/Multi-omics data analysis/Pathway and Network analysis Associate professor at the Dept. of Bioinformatics (BiGCaT), Maastricht University, the Netherlands Email Susan
	Dr. Martina Summer-Kutmon Immunometabolism/Pathway and Network analysis/Data integration and visualization Assistant professor at the Maastricht Centre for Systems Biology (MaCSBio), Maastricht University, the Netherlands Email Martina
	Denise Slenter Human metabolism/Metabolomics/Chemistry Postdoc at the Dept. of Bioinformatics (BiGCaT), Maastricht University, the Netherlands Email Denise
	Petra Aspers Office Manager at the Dept. of Bioinformatics (BiGCaT), Maastricht University, the Netherlands Email Petra



Welcome to Maastricht!

