

# Welcome to Maastricht University

Faculty of Health, Medicine and Life Sciences  
Meet & Greet BA RMT

26 juni  
12:00  
CET



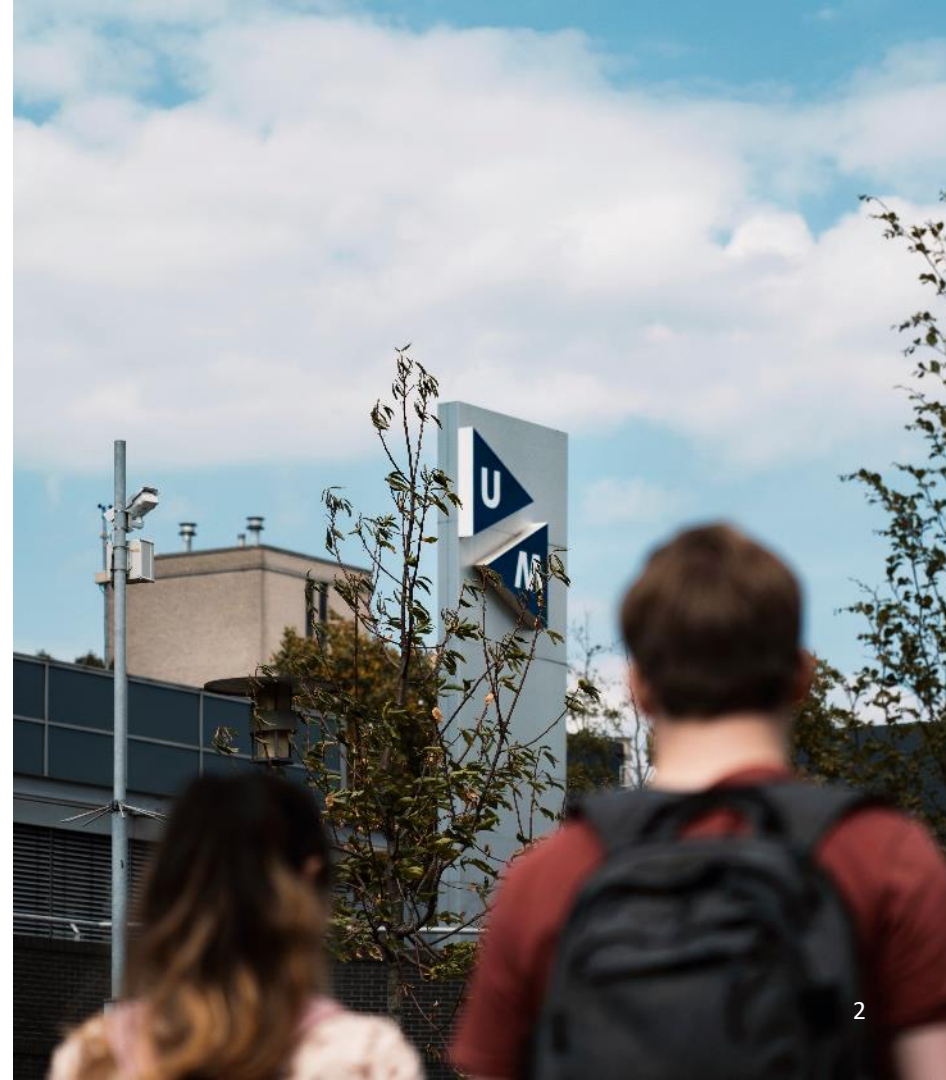
Maastricht University



Maastricht UMC+

# What is this session about?

- Introduction: Let's introduce ourselves
- Curriculum and programme structure
- Experiences of student Alisa
- Key dates and sources for practical information
- Study association Helix
- Time for questions



# Let's introduce ourselves



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# Let's introduce ourselves

**Jurica Bauer**

*Programme Coordinator  
Bachelor of Regenerative Medicine  
and Technology*



**Alisa Ovsianikova**

*Student RMT*

**Veerle Houben**

*Bachelor recruiter FHML*





# WHERE ARE YOU FROM?

# WHAT DO YOU EXPECT OF STUDYING REGENERATIVE MEDICINE & TECHNOLOGY?



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# Curriculum and programme structure

# Courses year 1 RMT

## Year 1

RTM1001

The Molecular  
Basis of Life

RMT1002

Foundations of  
Engineering

RMT1003

**Regenerative  
Medicine in  
Society**

RMT1004

Principles of  
Medicine

RMT1005

Coding and Data  
Crunching

RMT1006

The Intrinsic  
Regenerative  
Capacity of the  
Human Body

Academic Development Line

Lab Skills Line

Design Project Line



# What to expect?



- Multidisciplinary study
- Lab skills & academic skills training linked to content
- Choose your own design project and later minor/internships
  
- Your input will also be important!
- Buy a lab coat, laptop/books will be required

# Choosing the Right Computer for Lab Operations

## General Recommendations:

- **Avoid Macs:** Not all lab software is compatible with MacOS.
- **Minimum Requirements:** A non-Mac computer with average specs should suffice.

## Specific Hardware Recommendations:

- **Processor:** 64-bit Intel or AMD (not ARM)
- **Memory:** At least 8 GB RAM
- **Storage:** 5 GB disk space
- **Graphics:** OpenGL 4.1 capable video card
  - At least 4 GB video card memory
- **Accessories:** Multi-button mouse with scroll wheel recommended
  - SpaceNavigator optional



### Windows Operating Systems

- Windows 11
- Windows 10

# Experiences of Alisa

# Who am I?

- Alisa
- Current RMT student
- 18 years old
- From Moscow (Russia)





# What is my background?

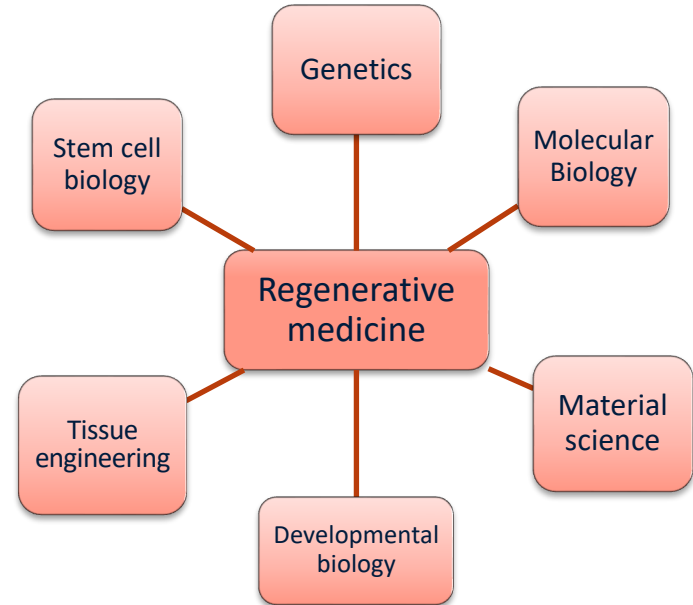
## Study background:

High school in Moscow (Russia);

Now RMT at Maastricht University



## Why did I choose Regenerative Medicine?

- Promising and rapidly growing field
- Multidisciplinary field: biochemistry, engineering (maths, physics, coding), medicine
- Implies creativity: develop new strategies to trigger the body to repair itself





# How does my week look like?

## Wednesday 28 Feb

- 08:30 - 10:30  [RMT1004/2023-400/Tutorial Wed/01 - Principles of Medicine](#)  
**Tutorial** [UNS40 C0.535 / Segers, MHM \(Maartje\)](#)
- 11:00 - 13:00  [RMT1004/2023-400/Lecture 05: Gastro-intestinal/01 - Principles of Medicine](#)  
**Lecture** [UNS40 C-1.667 Heerlen zaal](#)
- 13:30 - 14:30  [RMT1102/2023-001/4 Introduction to virtual microscopy/01 - Lab Skills Line Year 1](#)  
**Practical** [UNS50 G1.201 \(Room 1\) / Akker, GGH, van den \(Guus\), Rademakers, T \(Timo\)](#)

## Thursday 29 Feb



- 23:59  [Lab Skills Line Year 1 \(2324-RMT1102\) - Practical Basics of Microscopy](#)  
**Assignment**
- 09:00 - 15:00  [RMT1102/2023-001/4 Practical gene expression \(qPCR\)/01 - Lab Skills Line Year 1](#)  
**Practical** [UNS40 C4.556 - 4.570 / Ak, A \(Asli\), Kamphuis, MMJ \(Marloes\)](#)

## March 2024

### Friday 1 Mar

- 13:30 - 15:30  [RMT1004/2023-400/Lecture 06: Gastro-intestinal/01 - Principles of Medicine](#)  
**Lecture** [UNS40 A0.771 Tongeren zaal](#)
- 16:00 - 18:00  [RMT1004/2023-400/Tutorial Fri/01 - Principles of Medicine](#)  
**Tutorial** [UNS60 M2.04 / Segers, MHM \(Maartje\)](#)

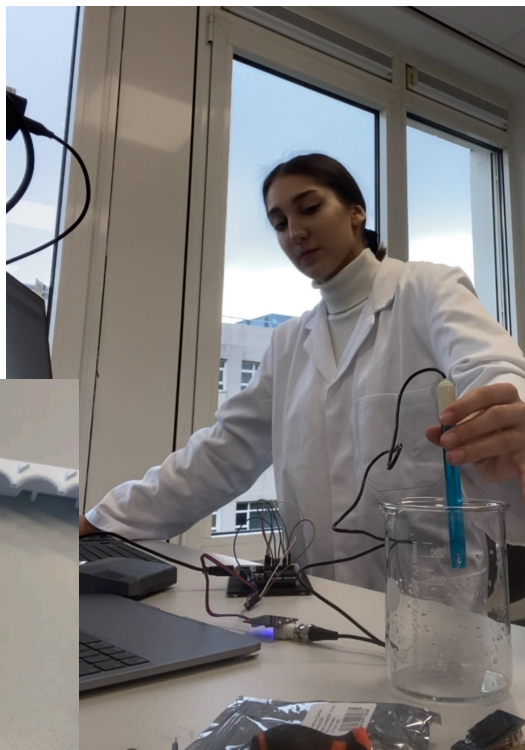
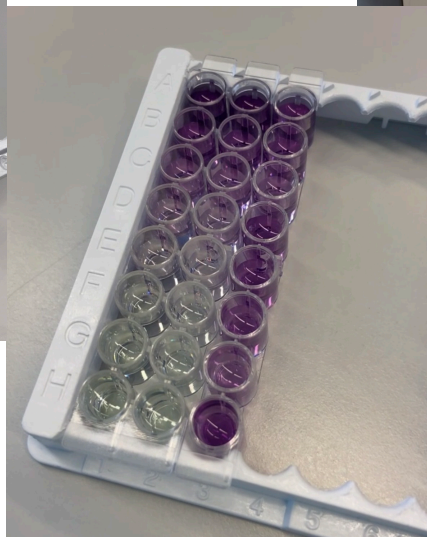
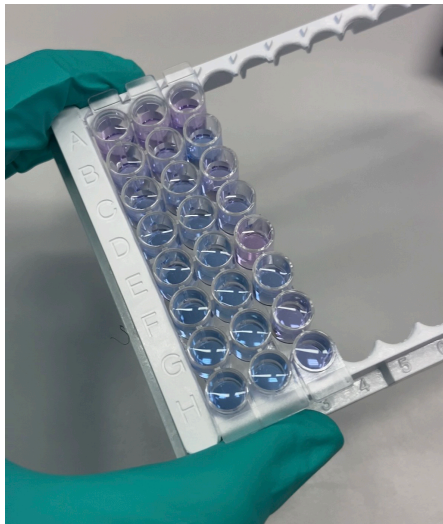
### Tuesday 5 Mar

- 09:00 - 10:30  [RMT1102/2023-001/4 Practical anatomy heart & circulation/01 - Lab Skills Line Year 1](#)  
**Practical** [UNS50 F2.138A - Snijzaal / Köhler, SE \(Eleonore \(Leo\)\), Rango, U, von \(Ulrike\)](#)
- 13:30 - 15:30  [RMT1101/2023-001/Mentor meeting P4/01 - Academic Development Line Year 1](#)  
**Tutorial** [UNS40 A0.744 / Akbulut, AC \(Cengiz\)](#)

### Wednesday 6 Mar



# Our practicals

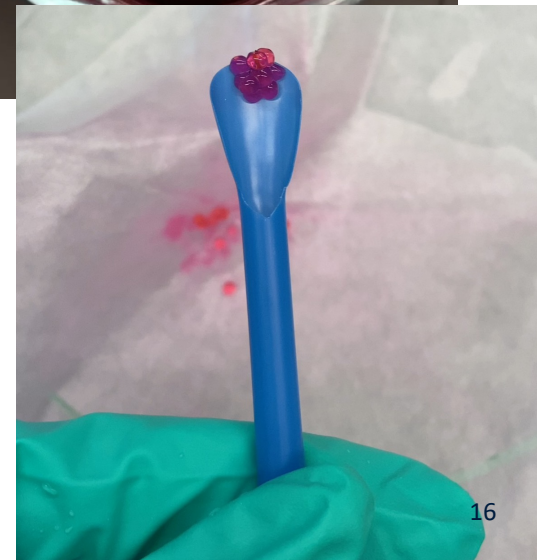
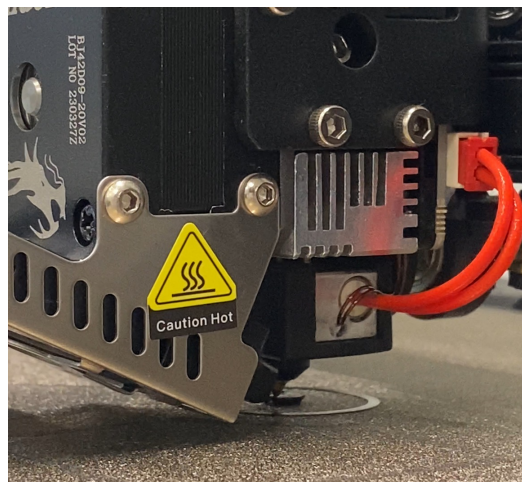
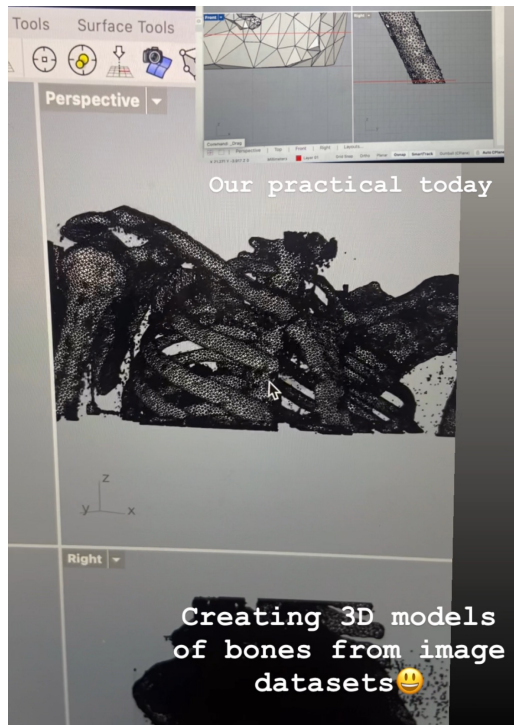


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# Our practicals





# Literature



## Finding the Reading List:

### 1. Website Navigation:

1. Go to the first-year courses section on the website.
2. Click on a specific module.
3. Scroll down to the bottom of the module page.
4. Find the "Keylinks" link under Recommended Reading.

### 2. Accessing the List:

1. Click on the "Keylinks" link to access the literature list for the module.

#### ▼ First year courses read less

#### ▼ Bachelor RMT Year 1 GROUP

The Molecular Basis of Life RMT1001

Foundations of Engineering RMT1002

Regenerative Medicine in Society RMT1003

Principles of Medicine RMT1004

Coding and Data Crunching RMT1005

The Intrinsic Regenerative Capacity of the

Academic Development Line Year 1 RMT1101

Lab Skills Line Year 1 RMT1102

Orientation Design Project RMT1103

Attendance Lab Skills Line Year 1 RMT1112

Upon completion of the course, the RMT student is able to:

1. Elaborate how matter is built, which chemical bonds and supramolecular interactions can be present in matter as well as the molecular and physical differences between gases, liquids, solids and solutions;
2. Describe the concepts of acids and bases, nucleophiles and electrophiles, the reactivity of functional groups and their most important chemical reaction types.
3. Explain the interaction between cells and their extracellular environment (natural or synthetic) and cells.
4. Explain the key concepts of cell biology and the corresponding biochemistry that lead to cell proliferation, differentiation, homeostasis and cell death.
5. Explain the structure and functioning of proteins, nucleic acids, carbohydrates, lipids and other biologically relevant molecules.
6. Explain how tissue build-up relies on precise spatiotemporal regulation.
7. Present and discuss the breakdown of tissue properties to chemical, cellular and signal composition.
8. Apply the working principles of regeneration (e.g. cells, signals and scaffolds) in various cases.
9. Explain the laws of thermodynamics, the principles of chemical kinetics and the differences between the thermodynamic and kinetic control of reactions, and understands and applies the very basics of chemo metrics in analytical and physical chemistry (errors, significant figures, signal to noise ratios, accuracy vs precision).
10. Elaborate how the learned basic concepts of general, physical, organic and inorganic chemistry can be applied to understand biological processes and to design materials for biomedical applications with specific physico-chemical properties.

#### Recommended reading

This is the link to Keylinks, our online reference list.



# Student life in Maastricht

- UM Sports
- Committees
- Associations
- Friends
- Parties 😊
- Travelling



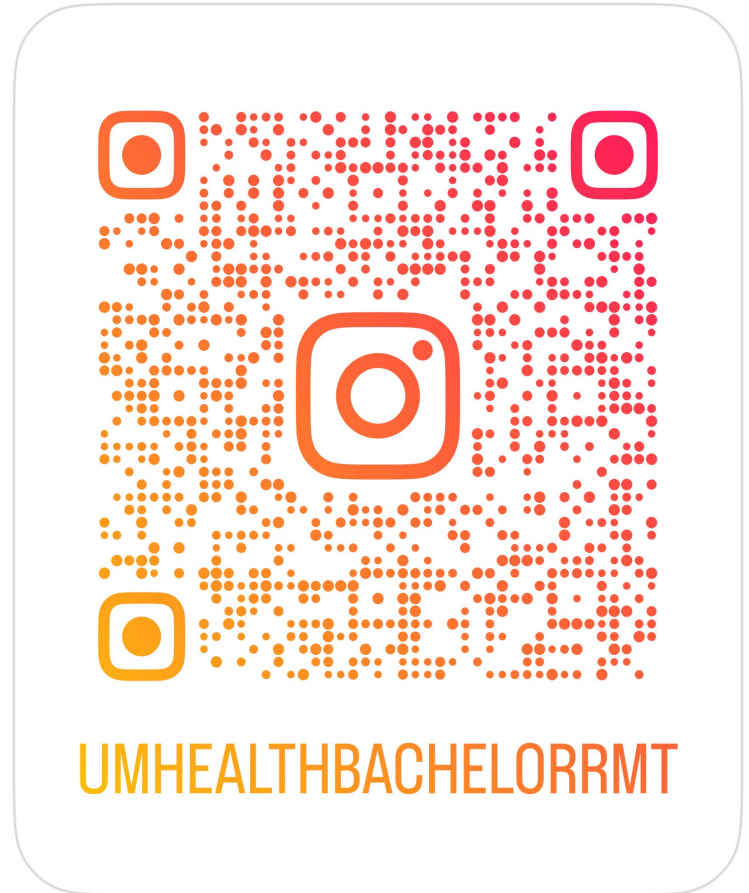
# Why study RMT at Maastricht University?

- Problem-based learning (PBL) system
- Almost every week a lab practical: applying theory in practice as of the first months here!
- Every period an interview with current RM researcher
- Group projects as of the 1<sup>st</sup> period
- Cultural diversity at the UM
- Maastricht



# Follow us on Instagram!

- Stay updated on RMT
- Explore student life in Maastricht
- Ask your questions via DM

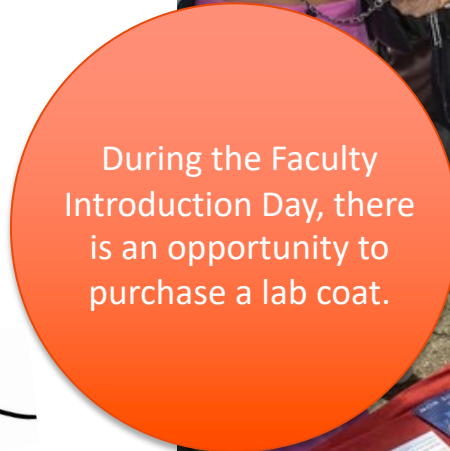




# Key dates and sources for practical information

# Important dates

- INKOM Maastricht: 19 - 22 August 2024
- Start of the academic year: 2 September 2024
- Faculty Introduction Day: Wednesday 28 August 2024



# When to expect/where to find information

- 4 mails before/about the faculty introduction:
  - 15 July: *save the date and practical information*
  - 29 July: *need to know information before the start of your study*
  - 12 august: *nice to know information before he start of your study*
  - Day before your introduction day: *Last practical information and group number*
- Time schedules available 2 weeks before start of the study
- **Study Association Helix**  
Organizes activities, both in the field of education and services and in the field of recreation, to make a useful, but also pleasant contribution to your student life.



# When to expect/where to find information

Questions about practical things such as housing, where to get a bike, or the student culture?

→ [www.mymaastricht.nl](http://www.mymaastricht.nl)

...or join their  
webinars on 8th July  
& 1st August



# Join the WhatsApp group:

- Connect with fellow students
- Stay updated on the latest developments
- Ask education-relation questions

RMT 2024-2025  
WhatsApp group





# Study association



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# STUDY ASSOCIATION



# Who are we?

- Study Association Helix → founded on september 1993 to represent bachelor and master students of Biomedical Sciences and Regenerative Medicine & Technology.
- We aim to make your time at UM as enjoyable as possible
- We organise activities, both educational and non-educational

# Educational Activities

Activities that focus on personal, educational and professional development.

- **Pub Quizzes** → Best way to prepare for an upcoming exam! Join us to quiz your knowledge on course related topics.
- **Company Visits** → Curious to see how your studies are applied in research? Be sure to participate in our company visits!



# Educational Activities

Activities that focus on personal, educational and professional development.

- **Student Evaluation Panel (SEP)** →
  - **Evaluates the Courses** → Insightful evaluations that ensure relevant and engaging content.
  - **Write Reports** → Detailed and compelling reports that highlight recommendations to improve our Bachelors.
  - **Meetings with the Course Coordinators** → Meetings with course coordinators to discuss reports.
  - **Contributes to the Improvement of Courses** → Your input and constructive feedback will be a vital tool for course coordinators to ensure the best educational experience for you and future students!

# Non-Educational Activities

## Course Opening Parties



## Day trips and excursions

### Ice skating



# Committees

- Activities/Sports Committee
- Advisory council
- Education Committee
- Travel Committee
- Family Day Committee
- Financial Supervision Council
- Gala Committee
- Introduction Week Committee
- Master Student Evaluation Panel
- Promo Committee
- Student council
- Student Evaluation Panel
- **Well-being Committee**





# Well-Being Committee

At SA Helix, we prioritize our students' well-being, which is why we established a committee dedicated to it. Its main task is organizing activities that promote student well-being and raise awareness about the importance of well-being within the SA Helix community.

## Game Night



## PicNic



# What else can SA Helix do for you?

- **Place to relax at university** → Come find us at the SA Helix room, a welcoming space where you can unwind, recharge, and connect with fellow students!
- **Engage with older members from the association** → Forge meaningful connections with experienced members of SA Helix. Their mentorship and advice can provide valuable insights, helping you navigate university life and your academic journey with confidence.
- **Valuable experience as a committee member** → Gain hands-on experience and develop leadership skills by joining one of our committees. Whether organizing events or managing projects, your involvement will be a significant boost to your personal and professional growth.
- **Lab Coats!** → Lab Coats are mandatory for Laboratory practicals and can sometimes be difficult to obtain. SA Helix is aware of how time consuming searching for lab coats is which is why we also provide

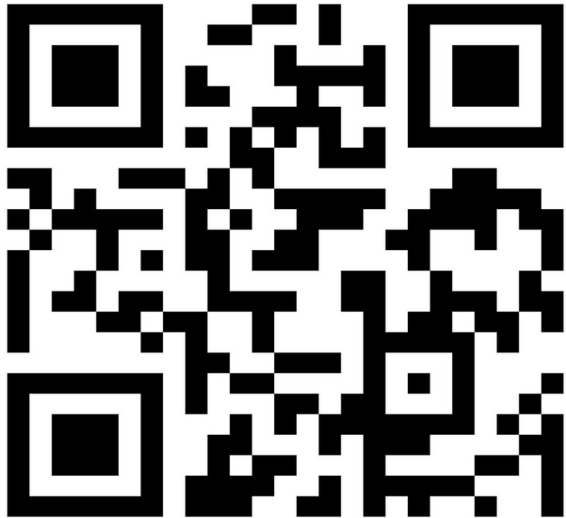


# Want to get to know us better? Join us during Introduction Week!

Every year the Introduction Week Committee organizes a week packed with fun activities during the first half of September to help Biomedical sciences and RMT first-year students get to know each other and explore the city of Maastricht.



# Become a member!



**Website** → <https://sahelix.nl/>

**Instagram** → @sahelixmaastricht

**Email** → [sahelix@maastrichtuniversity.nl](mailto:sahelix@maastrichtuniversity.nl)

# Time for Questions & Answers!



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# Thank you for joining

Have a great summer!

See you in August!

