

International Conference of Life Sciences

# The COINS 2024



## INFOBOOK

**Dear attendees of The COINS 2024 conference,**

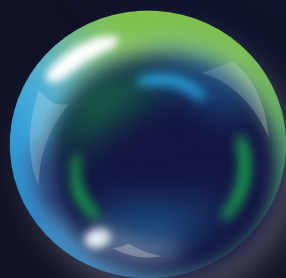
**I am delighted to extend a warm welcome to all of you to “The COINS 2024: Burst your bubble and dive into the realm of science”!**

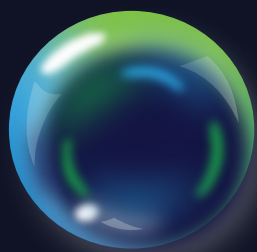
**As the Executive Project Manager, I’m thrilled to witness the diverse array of topics and participants featured in this year’s conference. Our agenda spans a broad spectrum, covering medicine, biotechnology, environmental science, and AI, offering attendees the chance to delve into cutting-edge research and its practical implications.**

**The overarching aim of The COINS Conference is to encourage student engagement in scientific pursuits, and I’m pleased to note that this objective is being realized through the unprecedented number of poster presentations we’ve received. Over the course of the next four days, our lineup of keynote speakers, scientists, and students will partake in lectures, discussions, and networking sessions, fostering the expansion of our intellectual horizons, sparking new research ideas, and igniting a deeper passion for science.**

**Once again, I extend my heartfelt welcome to each and every one of you and wish you rewarding conference experience!**

**Executive Project Manager  
Eivinas Zableckas**





# Program

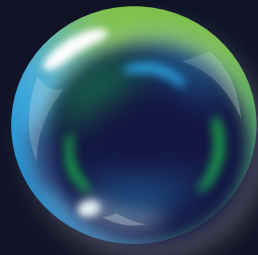
April 15<sup>th</sup>



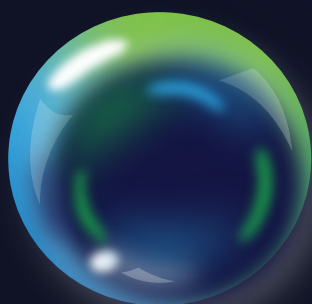
- 9:00 Registration
- 10:00 Opening Ceremony
- 10:30 Opening Discussion  
*Across Industries: AI's Versatile Applications  
and Evolving Challenges*
- 11:45 Coffee break
- 12:00 **KEYNOTE SPEAKER: Kostas Kostarelos**  
*Everything you always wanted to know about the  
Clinical Translation of Graphene\**  
*\*But were afraid to ask*
- 12:45 Break
- 13:00 **KEYNOTE SPEAKER: Aistė Vitkūnaitė**  
*Precision medicine for everyone: latest  
technologies and global trends*
- 13:00 Career Fair
- 15:00 Poster Session



**April 16<sup>th</sup>**



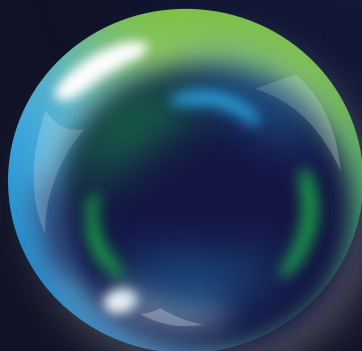
- 9:00**      **Registration**
- 10:15**     **Opening of the day**
- 10:30**     **Oral presentation: Austėja Sakalauskaitė**  
*Tick-borne encephalitis and vaccination in Lithuania*
- 10:45**     **KEYNOTE SPEAKER: Attila Gacser**  
*„Et tu, mi fili, Brute?“:*  
*Can even fungi cause cancer?*
- 11:30**     **Coffee break**
- 12:00**     **Oral presentation: Artūras Polita**  
*Fluorescent viscosity probes as diagnostic tools for cancer detection*
- 12:15**     **KEYNOTE SPEAKER: Laima Budėnaitė**  
*Exploring the Engineering and Genome Editing Potential of Miniature SpaCas12f1*
- 13:00**     **Break**
- 13:45**     **Poster Session**
- 13:45**     **HANDS-ON WORKSHOP: Practical nursing skills**





# April 16<sup>th</sup>

- 15:30**    **KEYNOTE SPEAKER: Wanessa Melo**  
*Development of photo-active hydrogel to treat chronic wounds*
- 16:15**    **Coffee break**
- 16:45**    **KEYNOTE SPEAKER: Michael C. Jewett**  
*Establishing cell-free synthetic biology for people and planet health*
- 17:30**    **Closing of the day**
- 19:00**    **GALA evening**



**April 17<sup>th</sup>**



- 9:00**      **Registration**
- 10:15**     **Opening of the day**
- 10:30**     **Oral presentation: Vilmantas Pupkis**  
**What does it feel like to be a stressed plant?**
- 10:45**     **KEYNOTE SPEAKER: Jorūnė Sakalauskaitė**  
***Colours in biomineralized systems: insights from shell pigments***
- 11:30**     **Coffee break**
- 12:00**     **Oral presentation: Agnė Baranauskaitė**  
***Detection of Sarcocystis parasites in the environmental samples***
- 12:15**     **KEYNOTE SPEAKER: Linda Mezule**  
***The hidden treasures of sewage: how to extract valuable molecules from sewage sludge***
- 13:00**     **Break**
- 13:45**     **Poster session**
- 13:45**     **HANDS-ON WORKSHOP: Surgical suturing exercises**

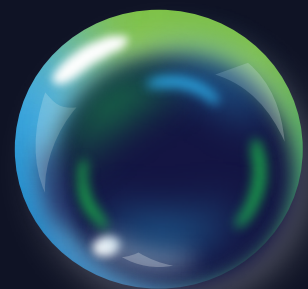


## April 17<sup>th</sup>

- 15:15** *Oral presentation: Agnė Bučaitė*  
*Erythrocytes size and shape changes in fish early-life stages after exposure to microplastics*
- 15:30** **KEYNOTE SPEAKER: Andrius Šiaulys**  
*Chasing an impossible dream: from the first photography of Baltic Sea reefs towards AI assisted imagery analysis of seabed habitats in front of melting Arctic glaciers*
- 16:15** Coffee break
- 16:30** *Oral presentation: Justė Aželytė*  
*The impact of avian malaria infection on the gut microbiota of the vertebrate host*
- 16:45** **KEYNOTE SPEAKER: Burak Yelmen**  
*Generative AI in functional and evolutionary genomics*
- 17:30** Closing ceremony / Awards

## April 18<sup>th</sup>

- 09:00** Program for high school students
- 17:00** Public program



April 16<sup>th</sup>

1 Thermo Fisher Scientific

2 GTC

3 LAMMC

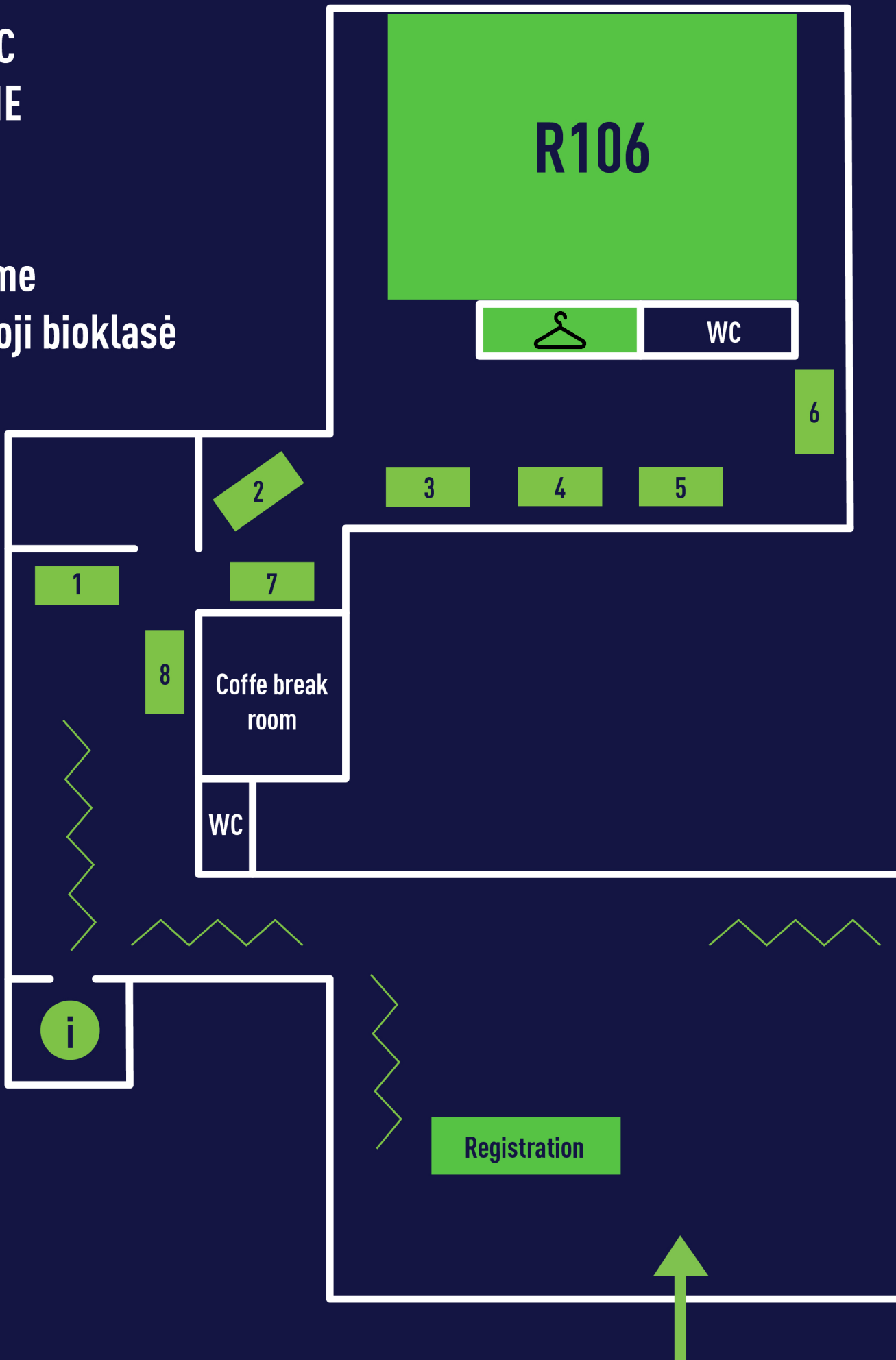
4 VUGENE

5 iGEM

6 Nando

7 Caszyme

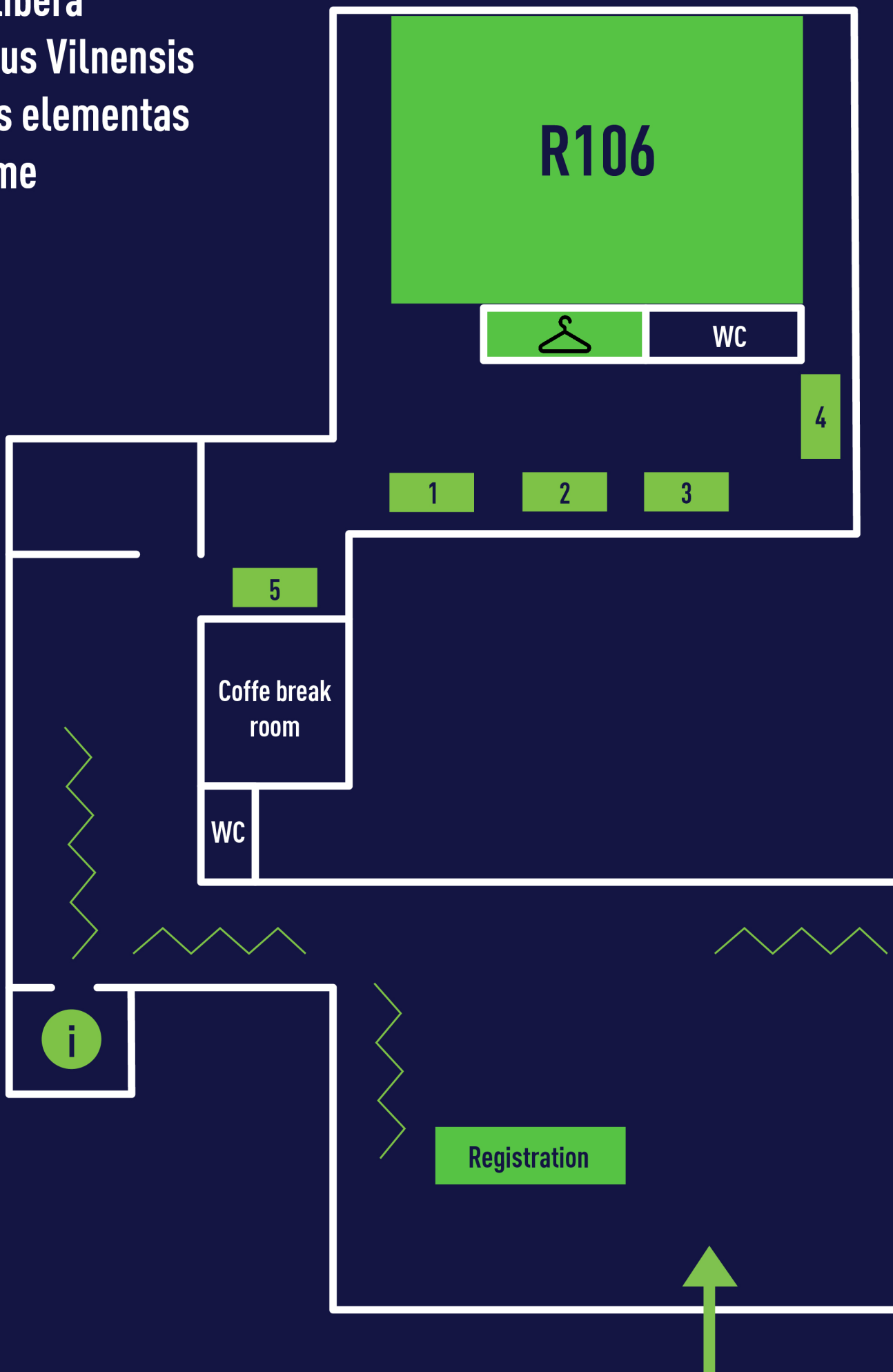
8 Mobilioji bioklasė





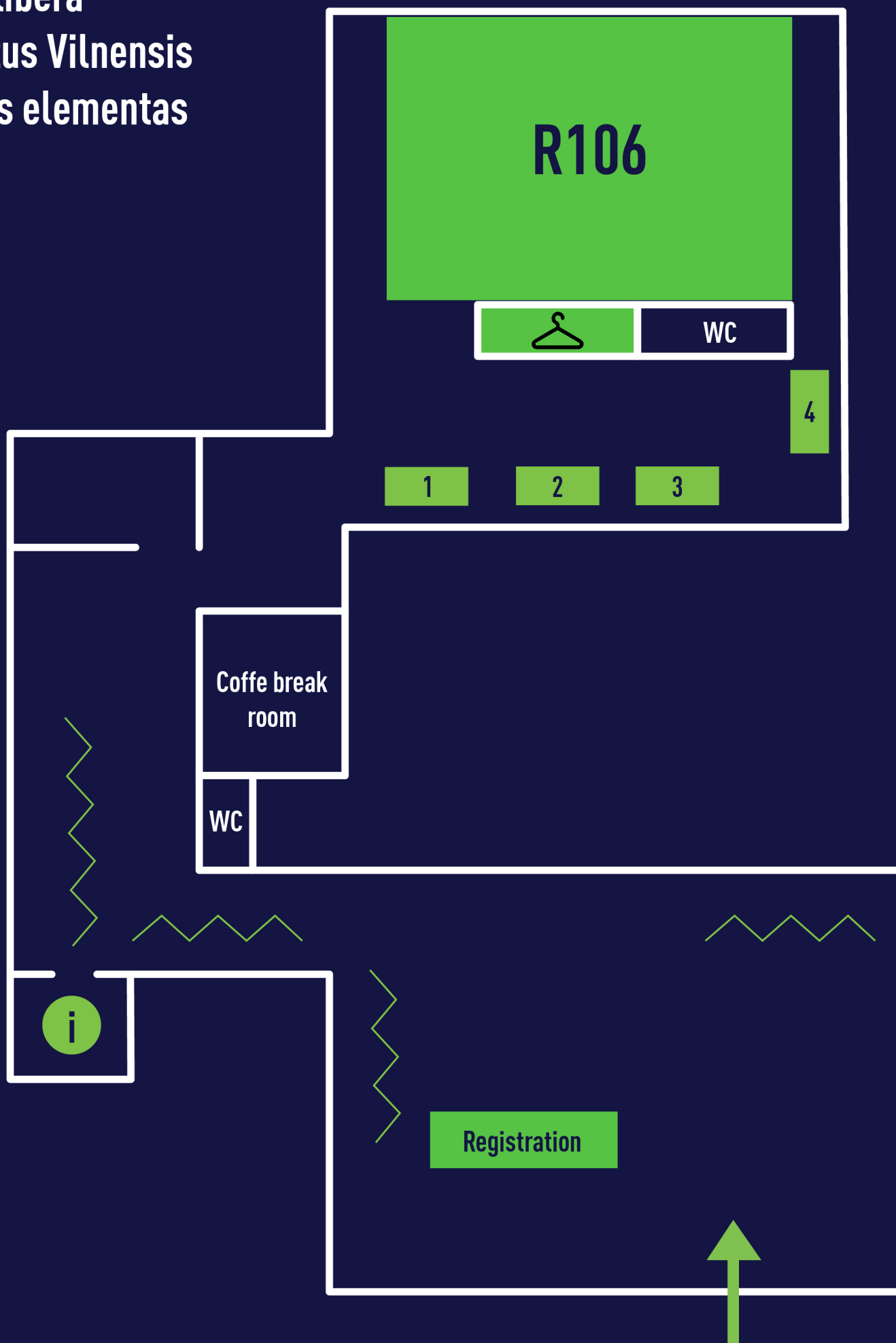
April 17<sup>th</sup>

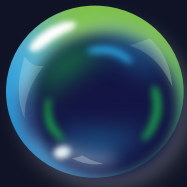
- 1 Laisva linija
- 2 Linea libera
- 3 Expertus Vilnensis
- 4 Tikslus elementas
- 5 Caszyme



- 1 Laisva linija
- 2 Linea libera
- 3 Expertus Vilnensis
- 4 Tikslus elementas

April 18<sup>th</sup>





# Team

**Project Managers:**  
Eivinas Zableckas  
Martyna Vaitkūnaitė

**Communication Team:**  
Neilas Beniušis  
Rusnė Uzielaitė

**Academic Team:**  
Aušrinė Navickaitė  
Aistė Židonytė

**Marketing Team:**  
Airidas Jonušas  
Lukas Krasauskas

**Organizational Team:**  
Aistė Židonytė  
Augustė Stankevičiūtė  
Urtė Banaitytė

**IT:**  
Gytis Petrusevičius





# SPONSORS:



Life Sciences  
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SCIENTIFIC

CASZYME



EX VII  
expertus Vilnensis



laisva linija

# PARTNERS:



Boulangerie  
depuis 1990



WATER OF THE CONFERENCE:

akvilė

