



**KEYNOTE**  
**Dr. PHILIPP**  
**BAAASKE**

**Vice President LMU**

# MMS SCIENCECON 2026


The Munich Medical Student  
Science Conference : for  
students of all medicine related  
fields from around the world

Saturday, 13th of June 

9 – 17 Uhr 

Biomedical Centre, LMU 

@forschungsmodul\_medizin 

**REGISTER NOW**  
Deadline June 4 



# Program ScienceCon



time

Work Group /  
Univ.

**08:30** Participant registration at the reception desk

**09:00** Welcome by the conference coordinators

## Advanced and International Students Session

09:15 **Developing an Animal Model to Investigate Acute Peripartum Twin-to-Twin Transfusion Syndrome** [Monash](#)  
*Elizabeth Hoye*

09:30 **Timing of Cardiopulmonary Bypass and Risk of Mortality or Neurological Injury in Premature Infants with Congenital Heart Disease** [LMU Munich](#)  
*Julia Hoffmann*

09:45 **Environmental and Economic Impact of Single use vs. Reusable Laparoscopic Instruments: A Systematic Review** [Nottingham](#)  
*Malik Tariq*

10:00 **The role of AI in analyzing the inflammatory microenvironment in lung tumors** [Bologna](#)  
*Caterina Dies*

**10:15** ☕ Short Coffee Break

10:30 **Comparison of Radiosensitization in HPV-Positive HNSCC Cells via Xevinapant, Olaparib and Tuvusertib** [Hamburg](#)  
*Amir Babak Vahedi*

10:45 **Real-world medical long-term treatment strategy in children with Kawasaki disease** [LMU Munich](#)  
*Erik Wollenweber*

11:00 **Evaluation of Generative AI Models for Lung Tumour Detection and Characterisation on Chest CT**

Hong Kong

*Ka Hei Man (Ricky)*

### 11:15 Poster Session 1

12:00 🍷 Lunch Break

## Research Module Students – Cellular Mechanisms in Health and Disease

12:45 **Visualization of activity-dependent dendritic translation in hippocampal neurons** Kiebler

*Johanna Rauhmeier*

13:00 **Neuronal Reprogramming as a Therapeutic Strategy: Neurogenin-2 Targets Patient-Derived Glioblastoma Cells** Ninkovic

*Diana Auer*

13:15 **Plaque-Associated Perineuronal Net Alterations in a Mouse Amyloidosis Model** Neher

*Dagna Dąbrowska*

13:30 **Apremilast-Mediated Stabilization of Intercalated Disc Integrity in Arrhythmogenic Cardiomyopathy** Yeruva / Waschke

*Ezgi Akarsu*

### 13:45 Poster Session 2

14:30 🍷 Afternoon Break

## Research Module Students – Mechanisms, Models and Translation in Disease

15:00 **Elucidating the impact of dietary fibre on temporal progression in Alzheimer's disease** Lahiri

*Anna Wolf*

15:15 **Atherosclerotic Chemokine MIF is inhibited through allosteric transinhibition between CXCR4-CXCR3 Receptors** Bernhagen

*Nikolaos Chavakis*

15:30 **Structure–function relationships in polysarcosine-based lipid nanoparticles for mRNA delivery** Merkel  
*Justine Aogastin*

---

15:45 **Preterm neutrophils lack full maturation at birth** Kim-Hellmuth  
*Yui Arjuna Fuchs*

---

## Greeting Message

---

16:00 **Greetings by**  
*Prof. Alexander Gerbes, Spokes Person International Networks*

---

## Keynote

---

16:15 **Keynote Talk**  
*Prof. Philipp Baaske, Vice President LMU*

17:00  Best Talk and Poster Awards — Closing Ceremony

# Program ScienceCon



time

Work Group /  
Univ.

**08:30** Participant registration at the reception desk

**09:00** Welcome by the conference coordinators

## Advanced and International Students Session

09:15 **Developing an Animal Model to Investigate Acute Peripartum Twin-to-Twin Transfusion Syndrome** Monash  
*Elizabeth Hoye*

09:30 **Timing of Cardiopulmonary Bypass and Risk of Mortality or Neurological Injury in Premature Infants with Congenital Heart Disease** LMU Munich  
*Julia Hoffmann*

09:45 **Environmental and Economic Impact of Single use vs. Reusable Laparoscopic Instruments: A Systematic Review** Nottingham  
*Malik Tariq*

10:00 **The role of AI in analyzing the inflammatory microenvironment in lung tumors** Bologna  
*Caterina Dies*

**10:15** ☕ Short Coffee Break

10:30 **Comparison of Radiosensitization in HPV-Positive HNSCC Cells via Xevinapant, Olaparib and Tuvusertib** Hamburg  
*Amir Babak Vahedi*

10:45 **Real-world medical long-term treatment strategy in children with Kawasaki disease** LMU Munich  
*Erik Wollenweber*

11:00 **Evaluation of Generative AI Models for Lung Tumour Detection and Characterisation on Chest CT**

Hong Kong

*Ka Hei Man (Ricky)*

### 11:15 Poster Session 1

12:00 🍷 Lunch Break

## Research Module Students – Cellular Mechanisms in Health and Disease

12:45 **Visualization of activity-dependent dendritic translation in hippocampal neurons** Kiebler

*Johanna Rauhmeier*

13:00 **Neuronal Reprogramming as a Therapeutic Strategy: Neurogenin-2 Targets Patient-Derived Glioblastoma Cells** Ninkovic

*Diana Auer*

13:15 **Plaque-Associated Perineuronal Net Alterations in a Mouse Amyloidosis Model** Neher

*Dagna Dąbrowska*

13:30 **Apremilast-Mediated Stabilization of Intercalated Disc Integrity in Arrhythmogenic Cardiomyopathy** Yeruva / Waschke

*Ezgi Akarsu*

### 13:45 Poster Session 2

14:30 📷 Group Picture and Afternoon Break

## Research Module Students – Mechanisms, Models and Translation in Disease

15:00 **Elucidating the impact of dietary fibre on temporal progression in Alzheimer's disease** Lahiri

*Anna Wolf*

15:15 **Atherosclerotic Chemokine MIF is inhibited through allosteric transinhibition between CXCR4-CXCR3 Receptors** Bernhagen

*Nikolaos Chavakis*

15:30 **Structure–function relationships in polysarcosine-based lipid nanoparticles for mRNA delivery**  
*Justine Aogastin*

Merkel

15:45 **Preterm neutrophils lack full maturation at birth**  
*Yui Arjuna Fuchs*

Kim-Hellmuth

## Greeting Message

16:00 **Greetings by**  
*Prof. Alexander Gerbes, LMU Medicine International Board, Spokes Person International Networks & Strategic Partnerships*

## Keynote

16:15 **From Research to Impact: How Entrepreneurship Turns Science into Innovation**  
*Prof. Philipp Baaske, LMU Vice President for Entrepreneurship*

17:00  Best Talk and Poster Awards — Closing Ceremony