

7th European Meeting on

AMPK

& nutrient-sensing pathways

September 27-29th, 2026

Hotel De Werelt • Lunteren - The Netherlands

Departure of the participants on Wednesday September, 30th morning



GENERAL ORGANIZATION

AToutCom Event Agency

ampk@atoutcom.com • www.atoutcom.com/ampk/



7th European Meeting on AMPK & nutrient-sensing pathways

September 27-29th, 2026 · Hotel De Werelt · Lunteren · The Netherlands



AMPK & Nutrient-sensing pathways: from metabolism to immunity and beyond

This 3-day meeting aims at bringing together leading experts and emerging young scientists working on AMPK and its related kinases (LKB1, CAMKK2, SIKs, NUAks, BRSKs, MARKs, SNRK) and nutrient sensing pathways (such as mTORC1, PPARs, SREBPs and hexosamine biosynthesis pathway) from a large diversity of research fields that include cardiometabolic disease, cancer, nutrition and exercise, neurology and immunology). The scientific program will cover cutting-edge research and recent discoveries, featuring 2 keynote lectures, 8 thematic scientific sessions, and plenty of opportunities for interactive discussion and networking.

Historically, the European meeting alternates with the International AMPK meeting and is especially intended to facilitate collaborations, knowledge exchanges and network building for young scientists. Therefore, in line with previous editions, junior researchers and newly-established principal investigators will be given the stage to present their research. Plenty of time will also be reserved for interactive discussion through poster sessions and social events, allowing to make new personal contacts and initiate collaborations.

Although Leiden, with the oldest Dutch university, is officially the hosting city, the meeting will be held at the Hotel De Werelt in Lunteren, a green and ecologically-rich area close to one of the most beautiful Dutch National Parks.

We are looking forward to welcoming you!

The Organizing Committee



Bart Evert

Leiden University
Medical Center,
The Netherlands



Bruno Guigas

Leiden University
Medical Center,
The Netherlands



Miranda Nabben

Maastricht University,
The Netherlands



7th European Meeting on AMPK & nutrient-sensing pathways

September 27-29th, 2026 · Hotel De Werelt · Lunteren - The Netherlands



SPEAKERS

KEYNOTE SPEAKERS



Hongbo Chi
*St. Jude Children's
Research Hospital,
Memphis, USA*



Kei Sakamoto
*Novo Nordisk Foundation
Center for Basic Metabolic
Research Copenhagen, Denmark*

INVITED SPEAKERS



Elena Baena-Gonzalez
University of Oxford, UK



Olga Barca-Mayo
*University of Santiago de
Compostela, Spain*



Julien Courchet
*Universite Claude
Bernard Lyon 1, France*



Bart Everts
*Leiden University Medical Center,
The Netherlands*



Madelon Maurice
*UMC Utrecht,
The Netherlands*



Lykke Sylow
*University of Copenhagen,
Denmark*



Thomas Weichhart
*Medical University
of Vienna, Austria*

OTHER CONFIRMED SPEAKERS



Luc Bertrand
*Universite Catholique
de Louvain, Belgium*



Morgan Fullerton
*University of Ottawa,
Canada*



Remi Mounier
*Universite Claude
Bernard Lyon 1, France*



Ganna Panasyuk
*Institut Necker Enfants
Malades, France*



7th European Meeting on
AMPK & nutrient-sensing pathways

September 27-29th, 2026 • Hotel De Werelt • Lunteren • The Netherlands



SUNDAY, SEPTEMBER 27TH

02:00 - 04:30pm Registration & Check In

04:30 - 04:45pm Meeting introduction

04:45 - 05:30pm **KEYNOTE LECTURE**

Shaping the precision regulation of AMPK for the treatment of insulin resistance and fatty liver disease

Kei Sakamoto, Novo Nordisk Foundation Center for Basic Metabolic Research, Copenhagen, Denmark

05:30 - 06:30pm • **SESSION 1
PARTNERS & POSTER PITCHES**

06:30 - 09:30pm Welcome Reception & Poster Session





7th European Meeting on
AMPK & nutrient-sensing pathways

September 27-29th, 2026 • Hotel De Werelt • Lunteren - The Netherlands



MONDAY, SEPTEMBER 28TH

07:00 - 08:00am **Shaking legs** - *Optional*

08:00 - 09:00am **Breakfast**

09:00 - 10:30am • SESSION 2 ENERGY AND NUTRIENT SENSING SYSTEMS IN PLANTS, YEAST AND MAMMALIAN CELLS

09:00 - 09:35am **Regulation of plant growth by the SnRK1 signalling pathway**
Elena Baena-Gonzalez, University of Oxford, UK

09:35 - 10:00am **Regular Talk** - TBA

10:00 - 10:15am **Short Talk 1** - Selected from abstracts

10:15 - 10:30am **Short Talk 2** - Selected from abstracts

10:30 - 10:45am **Coffee Break** around partners

10:45am - 12:15pm • SESSION 3 BEYOND AMPK: NUTRIENT SENSING PATHWAYS IN HEALTH AND DISEASES

10:45 - 11:20am **Metabolic communication between immune cells
in inflammation**
Thomas Weichhart, Medical University of Vienna, Austria

11:20 - 11:45am **Class 3 PI3K in nutrient sensing and crosstalk with AMPK
signaling for metabolic adaptation during fasting**
Ganna Panasyuk, Institut Necker Enfants Malades, France

11:45 - 12:00pm **Short Talk 1** - Selected from abstracts

12:00 - 12:15pm **Short Talk 2** - Selected from abstracts

12:15 - 01:45pm **Lunch**



MONDAY, SEPTEMBER 28TH

01:45 - 03:00pm • **ROUND TABLE** - *for PhD & Postdoc*
AI AND SCIENTIFIC INTEGRITY

03:00 - 04:30pm • **SESSION 4** **IMMUNOMETABOLIC CONTROL BY AMPK & RELATED KINASES**

03:00 - 03:35pm **AMPK signaling in dendritic cells as checkpoint of immune tolerance**

Bart Everts, Leiden University Medical Center, The Netherlands

03:35 - 04:00pm **Dissecting AMPK signaling in immunometabolism**

Morgan Fullerton, University of Ottawa, Canada

04:00 - 04:15pm **Short Talk 1 - Selected from abstracts**

04:15 - 04:30pm **Short Talk 2 - Selected from abstracts**

04:30 - 05:00pm **Coffee Break around partners**

05:00 - 06:30pm • **SESSION 5** **AMPK(KS)/NUAKS/SIKS AND OTHER NUTRIENT SENSORS** **IN ORGANELLE BIOLOGY**

05:00 - 05:35pm **LKB1 sequentially activates AMPK related kinases to regulate mitochondrial function in the developing brain**
Julien Courchet, Université Claude Bernard Lyon 1, France

05:35 - 06:00pm **Unexplored functions of the kinase NUAK1 in the physiology of the striated skeletal muscle**

Rémi Mounier, Université Claude Bernard Lyon 1, France

06:00 - 06:15pm **Short Talk 1 - Selected from abstracts**

06:15 - 06:30pm **Short Talk 2 - Selected from abstracts**

07:15 - 10:00pm **Dinner & Social activity**



TUESDAY, SEPTEMBER 29TH

07:00 - 08:00am **Shaking legs** - *Optional*

08:00 - 09:00am **Breakfast**

09:00 - 10:30am • SESSION 6 AMPK AND AMPK-RELATED KINASES IN EXERCISE & CARDIOMETABOLIC DISEASES

09:00 - 09:35am **Title TBA**

Lykke Sylow, University of Copenhagen, Denmark

09:35 - 10:00am **Beyond glucose: uncovering hidden interactions between AMPK and metformin in the cardiovascular system**

Luc Bertrand, Université Catholique de Louvain, Belgium

10:00 - 10:15am **Short Talk 1** - Selected from abstracts

10:15 - 10:30am **Short Talk 2** - Selected from abstracts

10:30 - 10:45am **Coffee Break** around partners

10:45am - 12:15pm • SESSION 7 AMPK FAMILY IN CANCER, AGING AND LONGEVITY

10:45 - 11:20am **The LKB1-AMPK axis in cancer predisposition: Insights from Peutz-Jeghers Syndrome**

Madelon Maurice, UMC Utrecht, The Netherlands

11:20 - 11:45am **Regular Talk** - TBA

11:45 - 12:00pm **Short Talk 1** - Selected from abstracts

12:00 - 12:15pm **Short Talk 2** - Selected from abstracts

12:15 - 01:45pm **Lunch**

01:45 - 05:00pm **Social activity**



7th European Meeting on
AMPK & nutrient-sensing pathways

September 27-29th, 2026 • Hotel De Werelt • Lunteren • The Netherlands



TUESDAY, SEPTEMBER 29TH

5:00 - 6:30pm • SESSION 8 NEW FRONTIERS AND THERAPEUTICS STRATEGIES

- 05:00 - 05:35pm **Astrocytic AMPK as a metabolic timekeeper: linking nutrient sensing to circadian behaviour**
Olga Barca-Mayo, University of Santiago de Compostela, Spain
- 05:35 - 06:00pm **Regular Talk - TBA**
- 06:00 - 06:15pm **Short Talk 1 - Selected from abstracts**
- 06:15 - 06:30pm **Short Talk 2 - Selected from abstracts**
- 06:30 - 07:15pm **CLOSING LECTURE**
Immunometabolism governs T cell and dendritic cell functions in the cancer-immunity cycle
Hongbo Chi, St. Jude Children's Research Hospital, Memphis, USA
- 07:15 - 07:30pm **Closing remarks**
- 07:30pm **Dinner and Reception & Prizes**



7th European Meeting on

AMPK

& nutrient-sensing pathways