



Universität Hamburg
DER FORSCHUNG | DER LEHRE | DER BILDUNG

FAKULTÄT
FÜR MATHEMATIK, INFORMATIK
UND NATURWISSENSCHAFTEN
FACHBEREICH
CHEMIE

29th Hans-Fischer-Symposium

VITAMINS - KNOWN FOR CENTURIES BUT STILL FASCINATING

Friday, November 14, 2025, Martin Luther King Platz 6, Lecture Hall D



10.00

Welcome Notes

Markus Fischer (Hamburg School of Food
Science, University of Hamburg)

Wolfgang Eisenreich (Hans-Fischer-
Gesellschaft)

Session 2: Vitamins and more

12.30

Challenges in the Industrial Production of Vitamins and Carotenoids

Jan Schütz

DSM-Firmenich, Kaiseraugst, Switzerland

13.05

Adaptive Laboratory Evolution: Demethyl-Riboflavins as Surrogates for Flavins

Boris Illarionov (history),

Chenyang Albert (present research)

Hamburg School of Food Science
Universität Hamburg

13.40

The Future of Vitamin Research

Open Discussion

14.10

Closing Remarks

Markus Fischer / Wolfgang Eisenreich

14.30

Lab Tours (optional)

Team Hamburg School of Food Science

Session 1: Interesting facts about riboflavin

10.15

Biosynthesis of Riboflavin

Markus Fischer

Hamburg School of Food Science
Universität Hamburg

10.50

„Synthesis of Riboflavin“

Golo Storch

Lehrstuhl für Organische Chemie I
Technische Universität München

10.25

„Flavoproteins“

Stefan Weber

Institut für Physikalische Chemie Albert-
Ludwigs-Universität Freiburg

12.00

Coffee Break

In memory of Prof. Dr. Hans Fischer (1881–1945), winner of the 1930 Nobel Prize for heme synthesis.

The **Hans-Fischer Society** was founded in 1950.
The non-profit society has the objective of advancing
science and research in chemistry and biochemistry in the
spirit of the chemist and Nobel laureate,
Prof. Dr. Hans Fischer.

LOCAL TEAM
PROF. DR. MARKUS FISCHER
DR. BORIS ILLARIONOV
HAMBURG SCHOOL OF FOOD SCIENCE
[www.chemie.uni-
hamburg.de/institute/lc.html](http://www.chemie.uni-hamburg.de/institute/lc.html)



Lecture abstracts