



University  
of Basel

Department of  
Biomedicine



# DBM Research Day 2025

Thursday, January 23

08:25 – 12:30

## Speakers:

Verdon Taylor

Matthias Mehling

Andreas Papassotiropoulos

Dominique de Quervain

Mattia Zampieri

Jan Niess

Diego Kyburz

Christoph Hess

**Big Lecture Hall, ZLF**  
Hebelstrasse 20, Basel

# Program DBM Research Day

January 23, 2025 | Big Lecture Hall, ZLF

Duration of individual presentations: 15 minutes,  
followed by 10 minutes for questions.

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08:25 - 08:35 Welcome (Ivan Martin) / Integrity-Pitch (Andrea Ottolini)

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08:35 - 09:00 Verdon Taylor  
Regulation of stem cell fate in the brain

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09:00 - 09:25 Matthias Mehling  
Chemotaxis - From Basic Principles to Neurinflammation

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09:25 - 09:50 Andreas Papassotiropoulos  
Molecular and Cognitive Neurosciences, part I

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09:50 - 10:15 Dominique de Quervain  
Molecular and Cognitive Neurosciences, part II

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10:15 - 10:45 *Coffee Break*

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10:50 - 11:15 Mattia Zampieri  
Unlocking drug Modes of Action by multi-dimensional  
high-throughput metabolic profiling

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11:15 - 11:40 Jan Niess, DOKO  
Immune-Mediated Esophageal Barrier Function

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11:40 - 12:05 Diego Kyburz, DOKO  
Synovial macrophages and fibroblasts driving inflammation in arthritis:  
analysis by liquid biopsy

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12:05 - 12:30 Christoph Hess, DOKO  
The molecular logic underpinning a major T cell metabolic vulnerability

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12:30 *End*

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The Department of Biomedicine  
is a joint venture between the  
following institutions:



**Educating  
Talents**  
since 1460.

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