

**Fifth**

# **PETER & ROSEMARY GRANT LECTURE IN EVOLUTIONARY BIOLOGY**

**Öffentlicher Vortrag  
in englischer Sprache**

**Sprecher:**

**Prof. Dr. Diethard Tautz (Max Planck Institute)**

**Titel:**

**Phenotype evolution and the role  
of new genes**

**Ort:**

**Universität Zürich Irchel, Hörsaal 24-G-55**

**Zeit:**

**28. September, 15:00**

**Abstract:**

Phenotypes evolve in response to the environment, but we know next to nothing about the underlying genes and interaction networks driving such adaptations. We use natural populations of the house mouse to approach this question. House mice are a particularly good model, because they have radiated across the globe in several waves and have split into several species and subspecies within a short time. At the same time, they represent one of the best bio-medical model systems, with a wealth of genomic and genetic data available. In the talk I will mostly combine insights into the genetics of skeletal phenotype evolution, with a discussion of the role of newly evolved genes in lineage-specific adaptations.

**Veranstalter:**



**Universität  
Zürich<sup>UZH</sup>**

**Institut für Evolutionsbiologie und  
Umweltwissenschaften**



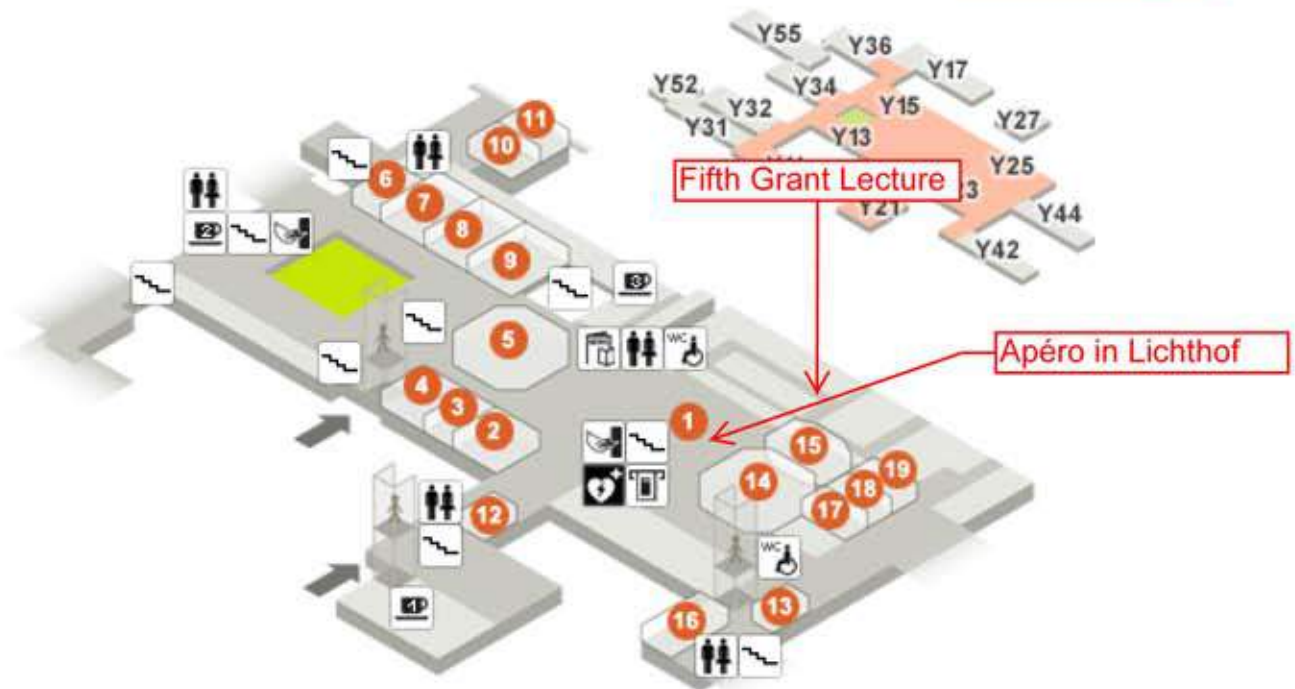




## Pläne und Orientierung

Irchel

Stockwerk G



1 Lichthof

2 Hörsaal Y03-G-85

3 Hörsaal Y03-G-91

4 Hörsaal Y03-G-95

5 Hörsaal Y04-G-30

6 Hörsaal Y15-G-19

7 Hörsaal Y15-G-20

8 Hörsaal Y15-G-40

9 Hörsaal Y15-G-60

10 Hörsaal Y16-G-05

11 Hörsaal Y16-G-15

12 Dozentenfoyer  
Y22-G-74

13 Seminarraum Y23-G-04

14 Hörsaal Y24-G-45

15 Hörsaal Y24-G-55

16 Anatomische Studien-  
sammlung Y42-G-08

17 Hörsaal Y44-G-05

18 Hörsaal Y44-G-09

19 Hörsaal Y44-G-13

Cafeteria Seerose  
Y22-G-62ACafeteria Brunnenhof  
Y13-G-11/Y34-G-2Cafeteria Atrium  
Y05-G-37

Validierstation

Bankomat

Kiosk

Defibrillator