

ANNUAL PRESENTATION

DEPARTMENT CELL PHYSIOLOGY AND METABOLISM (PHYM)

Patrick Meraldi

January 25, 2025



BEST WISHES FOR 2025 !

20 principal investigators

1 adviser,
mentor



**Claes
WOLLHEIM**
PH

15 members



**Perrine
CASTETS**
PAST



**Marc
CHANSON**
PO



**Roberto
COPPARI**
PO



**Pierre
COSSON**
PO



**Nicolas
DEMAUREX**
PO



**Eric
FERAILLE**
PO



**Maud
FRIEDEN**
PAS



**Anne-Claude
GAVIN**
PO



**Monica
GOTTA**
PO



**Vladimir
KATANAIEV**
PO



**Pierre
MAECHLER**
PO



**Patrick
MERALDI**
PO



**Miriam
STOEBER**
PAS



**Mirko
TRAJKOVSKI**
PO



**Bernhard
WEHRLE-HALLER**
PAS

1 nomination

6 clinical affiliates



**Sophie
DE SEIGNEUX**
PO



**Charna
DIBNER**
PAS



**François
JORNAYVAZ**
PAS



**Didier
HANNOUCHE**
PO

**Thomas
LAUMONIER**
MER



**Valérie
SCHWITZGEBEL**
PAST

6 junior lecturers leading their own research



**Mehdi
BADAoui**
Chanson lab



**Sofia
BARBIERI**
Gotta lab



**Amado CARRERAS
SUREDA**
Demaurex lab

Ambizione



**Devashish
DWIVEDI**
Meraldi lab



**Monika
GJORGJIEVA**
Foti lab

Ambizione

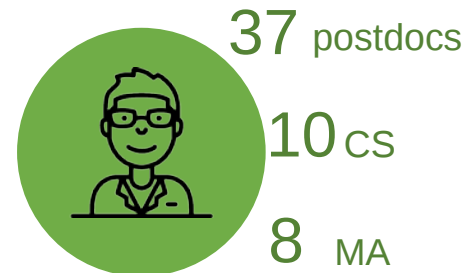
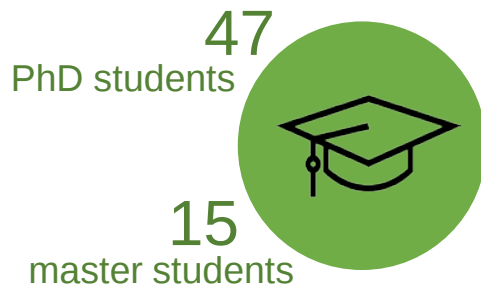


**Aurélien
LATHUILIERE**
Gavin lab

Ambizione

Check their research projects on our website

>170 people from over 25 countries...



+ Apprentices
Trainees

.....

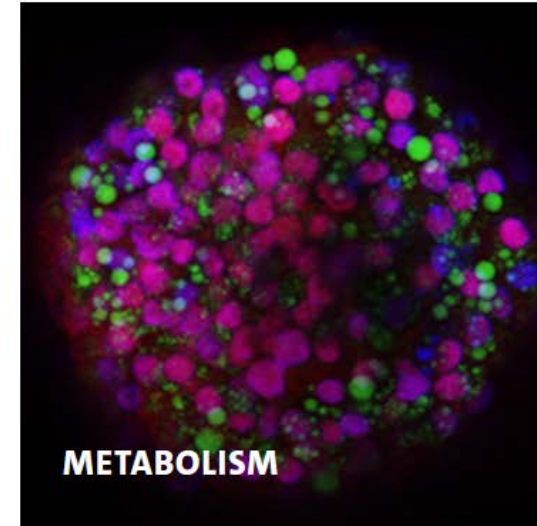
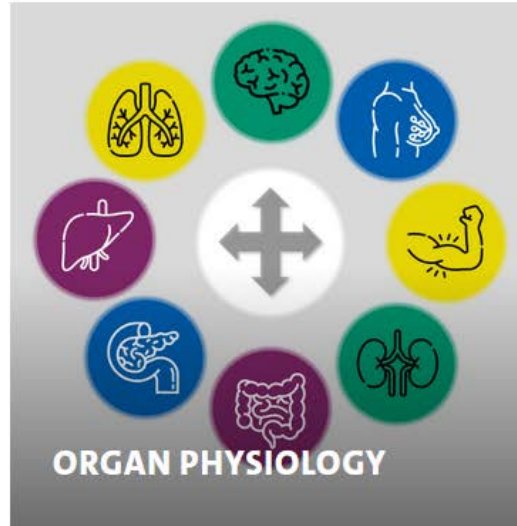
... working on a vast array of subjects

[Home](#) [The department](#) [Science topics](#) [Researchers](#) [Events](#) [News](#) [Resources](#) [Jobs](#) [Contact & Access](#)

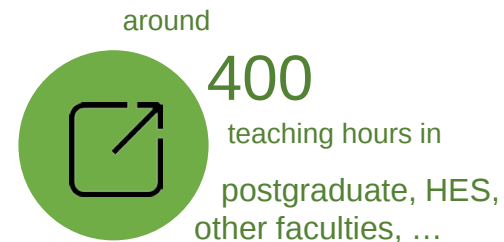
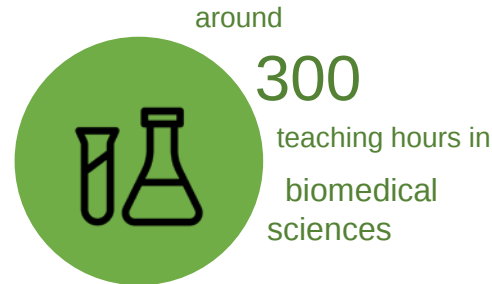
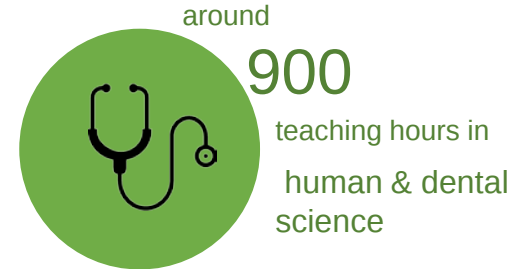
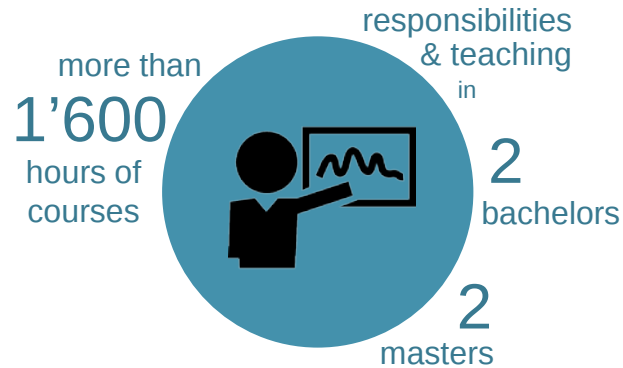
Science topics

Formed in 2003, the Department of cell physiology and metabolism is one of the largest departments from the section of fundamental research at the [Faculty of Medicine](#).

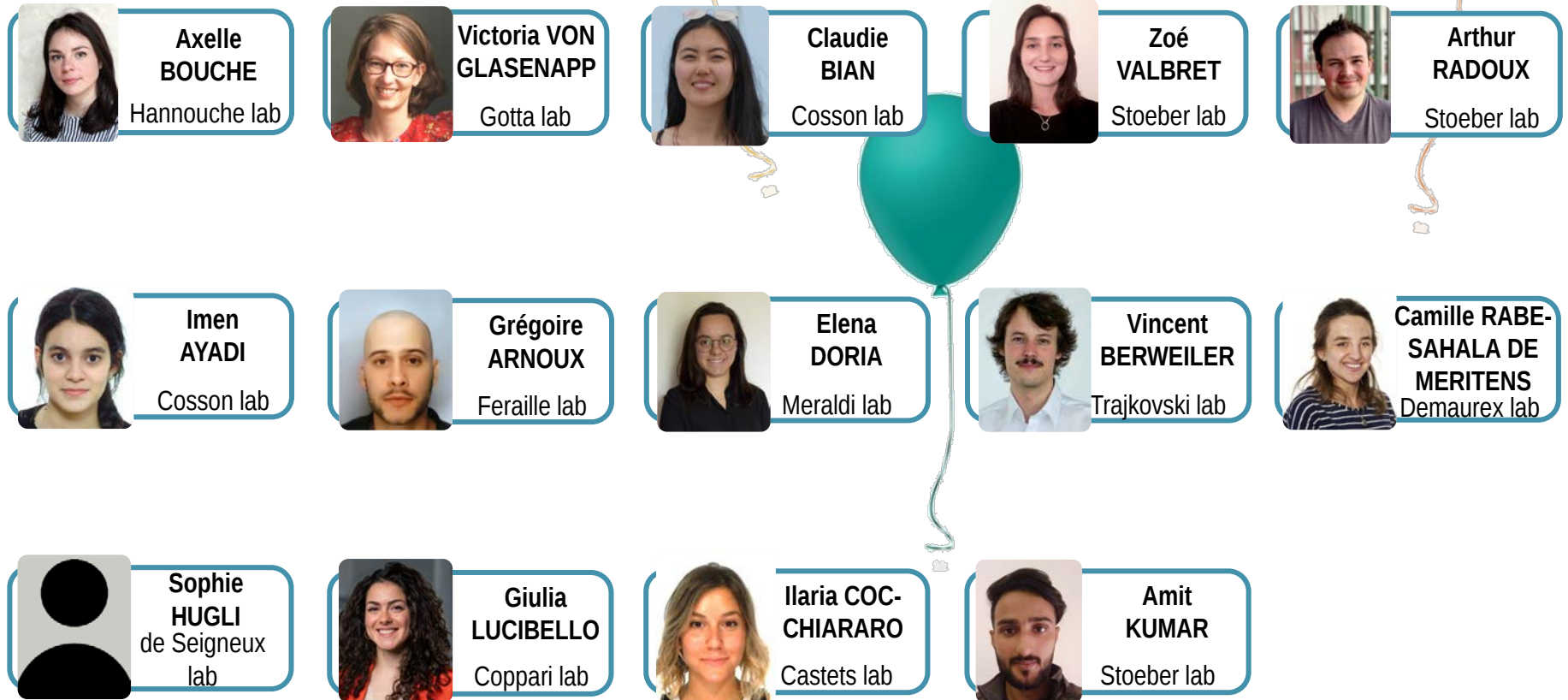
The Department of Cell Physiology and Metabolism is composed of fifteen research groups and five clinical affiliates. Our research covers a wide range of topics, ranging from cell to organism. Our particular strengths are cell physiology, organ physiology and inter-organ metabolism. Our researchers, from over 20 countries, are opening up new therapeutic avenues for major diseases such as cancer, diabetes and bacterial infections.



PHYM teaching 2023-2024



Congratulations to 2024 doctors !



Awards & nominations

⚡ 13
awards



Laemmli Prize

A. Radoux

Ambizione

M. Gjorgjieva



nominations

⚡ 5



Associate Professor

M. Stoeber

Head of Fundamental Medicine

P. Cosson

Senior lecturer

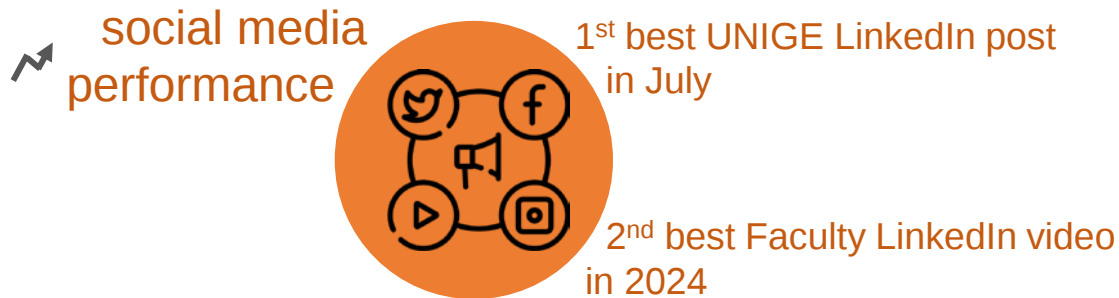
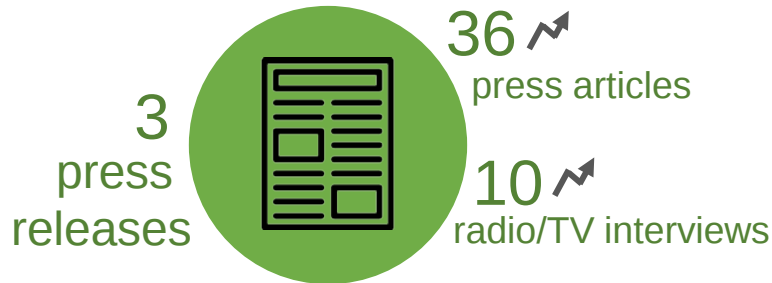
T. Laumonier

Head of Clinical Medicine / Dept Medicine HUG

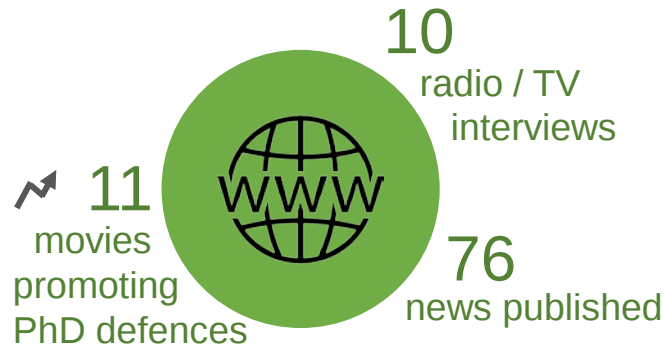
S. de Seigneux



Media coverage



Visibility



portraits showing the life behind the science:
still looking for volunteers !



Outreach

Open day
Diabetes & obesity

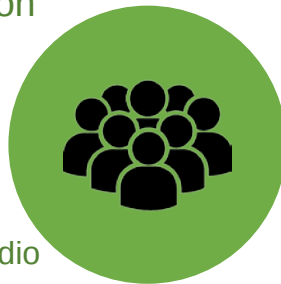
714
visits



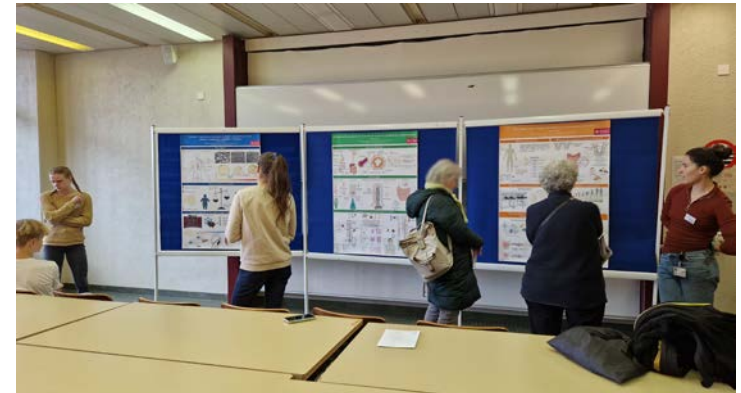
Telethon

5

TV / radio
appearances



4
labs involved





Isabelle VIAL, 5th floor
(secretary)

responsible for reimbursements



At your service – thanks to all !

ADMINISTRATIVE DIVISION

SECRETARIAT



**Tamara
BOLLMANN**
100%



**Carole
BRACH-DEHAUT**
100%



**Isabelle
VIAL**
50%

SCIENCE & COMM



**Véronique
ROSSET**
80%

TECHNICAL DIVISION

RODENT SURGERY



**Christelle
VEYRAT-DUREBEX**
40%



**Florian
VISENTIN**
60%

ENGINEERING



**Hervé
BLANCHARD**
70%

IT from SIFM
attached to PHYM



**Miguel
PLIEGO**
100%

Total: 5 full-time equivalents PHYM

ChiRo: Rodent surgery

SERVICES PROVIDED

various
surgical
techniques

perfusion /
fixation

sampling
dissection

injections /
force-feeding

writing help
for forms A
& SOPs

animal
experiment.
course

Develop.
tissue-
specific AAV
injection

Newsletter
3D Prints
in 2025

Next course in
Feb/March



Moving in animal
facility in 2025...

HOW AND WHERE ?

Annual fees

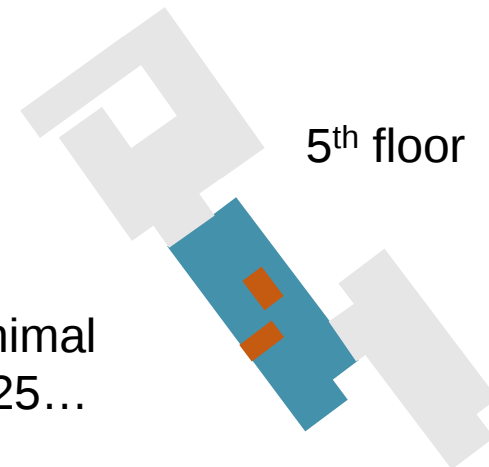
Contact: chiro@unige.ch



Christelle
VEYRAT-
DUREBEX



Florian
VISENTIN



Take home message 1

These achievements were made possible by the dedication of each PHYM member.

Thank you all for your commitment !

Online resources

DEPARTMENT OF CELL PHYSIOLOGY AND METABOLISM

Home The department Research Events News Resources Advent Calendar 2024 Jobs Contact & Access

Resources

Booking (rooms & equipment)



Lunch & learn workshops



Award & funding opportunities



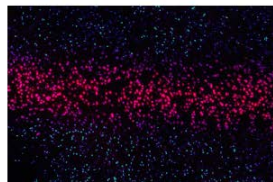
P2 laboratory



Tutorials



Core facilities



UNIGE digital tools & access cards



Course on animal experimentation



Group pictures



COMMON EQUIPMENT



user: phym
pwd: eureka

MACHINE ONLINE BOOKING

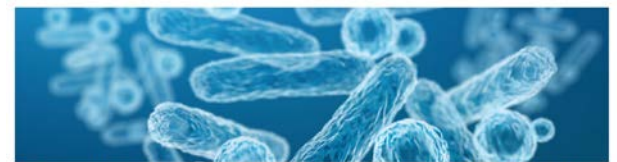
Questions: Hervé Blanchard, Christelle Veyrat-Durebex

How to book the big backup freezer

Persons in charge indicated on the machine or in the room

Complete list with exact localisation

P2 laboratory



Our P2 laboratory is available exclusively to PHYM members. It allows them to perform experiments with organisms bearing moderate risk to human or animal health, plants or environment.

MAIN RULES AT P2 LEVEL

It is essential to take all necessary measures to prevent the release of any P2 organism from the laboratory.

Working in our P2 laboratory means :

- Respect the current rules posted into the P2 lab
- Be neat and organized
- Protect yourself, and also protect others
- Inform persons in charge of any accident
- Use common sense

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Lunch & learn workshops



Tutorials



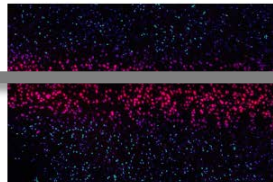
Course on animal experimentation



Award & funding opportunities



Core facilities



Group pictures



Science proposals: how to get them funded

science proposals



how to get them funded

Posters: how to stand out from the crowd

scientific posters



how to stand out from the crowd

Award & grant opportunities



In addition to the list below, the Faculty of Medicine and the Geneva Centre for inflammation list key calls for projects.

The search engine from the University of Geneva Pivot-RP can also help you to find finding opportunities.

AWARDS

International Birnstiel Award, for PhD students at an advanced stage of their career

LS2 Young investigator award, for PhD students and postdoctoral fellows, members of the LS2 section Physiology

3R prize from UNIGE, for researchers from UNIGE

Schl  fli prize, for young scientists

Gertrude von Meissner research prize, for research projects

GENERAL GRANTS

Swiss National Science Foundation, various opportunities

ERC grants, various opportunities

Booster programme, for UNIGE PhD students

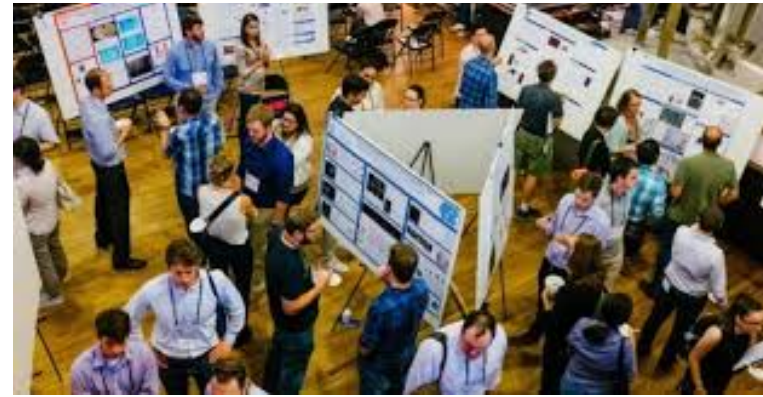
STARTER & CONFIRM grants HUG, for either translational or advanced research projects

Take advantage of all opportunities to meet



One more thing...

Thanks to the Foti funds: more financial support for our junior scientists



PhD and post-doc:

Up to 500.- per year for an international scientific meeting

Condition: you must present a poster or give a talk

MA or Ambizione:

We finance the registration fee of one training course
(e.g. EMBO leadership course)

Condition: you send me a 3-4 sentence e-mail explaining how this course will benefit you

Take home message 2

We are a large, diverse and vibrant community

Thank you all for making it
such a friendly place to work !

HAPPY HOUR

Thanks to all labs that
made the effort to
organise a happy hour !

Next one:
Today 4:30 pm

ANY QUESTIONS ?

ANY SUGGESTIONS ?



My door is always open.

Patrick Meraldi

Bureau A07.2910.d

Tél. 95 512