

R E G I S T E R N O W !



1,000,000,000 CHF investment

7,000,874 hours of work

6,587 experiments

423 researchers

1 medicine



THE MAKING OF AN INNOVATIVE MEDICINE

Introductory workshops on translational biomedical research, drug discovery and development



Judge Prof Dr med Olaia Naveiras



Judge Prof Dr med Shukry Habib

**BIO-698 resumes Thursday September 11. 2025
4:15 PM @ CM013**



With Timothee Ferrari MD PhD cand



Sciences de la Vie -SV



With Justine Epiney MD PhD cand



Mehdi AliGadiri MD PhD cand



Prof Roger G. Clerc

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Judge Dr med Gerasimos Tsilimidos



Judge Prof Dr Shukry Habib

Judge Dr Fabien Bonini PharmD/PhD



Judge Angela Martins cand PhD



Sciences de la Vie -SV



With Timothee Ferrari cand MD PhD



Mehdi AliGadiri cand MD PhD



Prof Roger G. Clerc



Many thanks to you all, much appreciated, in particular



Rechercher



Prof. Olaia Naveiras

Associate Professor

Consultant Hematologist

Laboratory of Regenerative Hematopoiesis UNIL

Hematology Service, Department of Oncology CHUV

after chemotherapy in patients

après la chimiothérapie chez des patients

Many thanks to you all, much appreciated, in particular



Début du message réexpédié :

De: Timothée Ferrari <timothee.ferrari@epfl.ch>

Objet: RE: Validation crédits BIO-698

Date: 8 janvier 2024 à 16:35:50 UTC+1

À: "Roger G. Clerc" <roger.clerc@epfl.ch>

Cher professeur !

C'est moi qui vous remercie de l'opportunité, c'est un super cours et très important à continuer !

Je vous souhaite une magnifique année et espère vous revoir sous peu.

Donnez moi quelques unes de vos dates pour que nous puissions aller souper ou dîner.

Cordialement,

Tim

From: Roger G. Clerc <roger.clerc@epfl.ch>

Sent: lundi, 8 janvier 2024 16:22

To: Timothée Ferrari <timothee.ferrari@epfl.ch>

Subject: Re: Validation crédits BIO-698

merci beaucoup Tim : j'ai beaucoup apprécié ton attitude proactive et « moderne » de l'enseignement de la biomedecine.

j'espère que ca va fonctionner avec le MD PhD. mais ne perds par de vue la clinique car c'est bien le concept « patient need » qui est au centre de notre recherche.

le cancer a ete trop souvent déclaré comme vaincu dans la souris...

a bientôt Roger

Enjoy ! Looking forward to the Best Hack team BIO698 EPFL 2025



Day first : December 4. 2025 EPFL campus Dorigny Room CO 017

14:15-15:00 Introduction hacking medicine (pill pack example, SFM 2019 examples)
// Introduce problem pitching, with Timothee Ferrari cand MD PhD

15:00-15:30 Break **// Short thinking on problem pitches**

15:30-16:30 Problem pitches (2-3 minutes format, clapping out, pitches titles recorded) **3 issues on own competence + 3 issues outside comfort zone !**

16:30-17:00 Break **//** Team building, participants, problem solving projects

17:00-18:00 Presentation of « hacking tools » **//** group work

18:00-18:30 **Instructions on final pitches, resources available** (professors, TTO, clinicians, key stakeholders in healthcare, patients, care providers, payers, pharma..) (important: teams must be registered on a google form by December 10th noon / ppt presentations on problem solving projects must be uploaded before December 11st)



Enjoy ! Looking forward to the Best Hack team BIO698 EPFL 2025



Day 8 : December 11. 2025

EPFL campus Dorigny Room CO 017 14:15-15:30 FINAL PITCHES

(5' problem definition / 5' solution / 5' business plan)

15:30-16:00 Break // Judges deliberation

16:00-17:00 Judging feedback – ranking
Profs ~~Olaia Naveiras~~, Prof Shukry J. Habib, Dr med G. Tsilimidos,
Dr Phil F. Bonini, A. Martins MSc cand PhD

17:00-17:30 Keynote speaker Prof Shukry J Habib
**«An Engineered Wnt-Powered Journey: Healing Bone,
Reversing Ageing, and Fighting Cancer»**

17:30-18:00 Networking - Refreshments



and the final pitches are



here underneath please find the final pitches (elected in plenum from a large number of first draft pitches) which will be submitted to your sagacity for selection : (format : 5' problem description - 5' proposed solution - 5' business plan, start up). First price gets on behalf of EDBB a Galaxus Voucher.

- 1. Myriam Birki, Solomon Nshemereirwe, Lou Kohler Voinov : "pediatric pathologies : AI tool for kids suffering chronic ailments »**
- 2. Frederico Visentin, Eugenio Gentile, Greta Bordin, Tianhao LI : "health record summarizer : AI-powered clarity for patients and doctors »**
- 3. Jana Anton, Benedikt Singer, Andrew Salem : "Transfer-Med : a transferability score for repurposing known clinically validated medicines »**
- 4. Eleni Lamprou, Alice Pellegrino, Saeed Mottaghi : "repurposing drugs to fight antibacterial resistance »**

and the winners are**Transfer-Med : a transferability score for repurposing known clinically validated medicines**



OVERALL WINNERS EPFL SV HACKING MEDICINE ACADEMIC YEAR **2025**

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BEST HACK AWARD OF THE CLASS BIO698
« THE MAKING OF AN INNOVATIVE MEDICINE »

CONGRATULATIONS !!



organizers :

Timothée Ferrari Mehdi AliGadiri Roger G Clerc

Prof Olaiya Naveiras, Prof James Habib Judges
