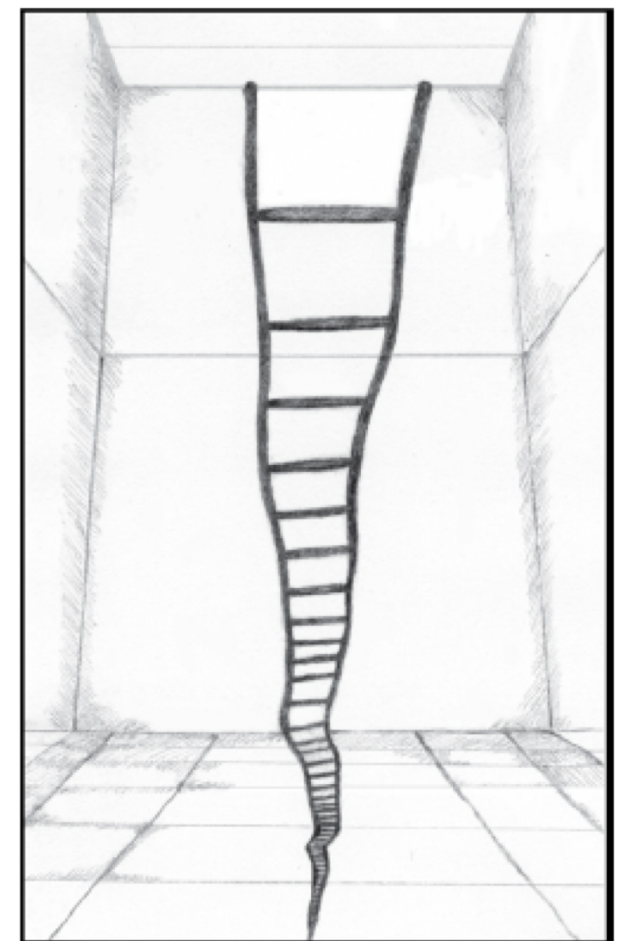


Prise de position de
l'Académie Suisse des Sciences Médicales (ASSM)

La médecine comme science

La médecine repose sur des bases scientifiques et a besoin
d'une relève universitaire compétente ainsi que de structures
professionnelles pour la recherche clinique.



Ladder for Booker T.
Washington. Martin Puryear. 1966

Echelle de carrière

Comment devenir un clinicien chercheur?



The Career Funding Schemes

Wide range of funding opportunities for your future career development



SWISS NATIONAL SCIENCE FOUNDATION

Careers

What opportunities does the SNSF create for young researchers?

- Early scientific independence (also for clinician -scientist)
- Mobility abroad
- Intersectorial mobility (academia – industry / institutions operating in the practical field)
- Carrying out an independent project with their own team
- Career progress thanks to SNSF support, particularly for women researchers (PRIMA; Gender Equality Grant)
- Balancing family and academic career thanks to resources from the SNSF (Flexibility Grants)

National MD-PhD program

Support for the scientific further education of MDs



The MD-PhD programme, a joint effort of the Swiss Academy of Medical Sciences (SAMS) and the Swiss National Science Foundation since 1992, is designed to enable research-oriented physicians to complete a second course of study at a Swiss University leading to the conferral of a **doctorate** in the fields of **natural sciences, public health, clinical research or bioethics**.

Grants may be awarded for a maximum duration of three years

2018: 10 funded (2 GE) (3 ZH, 3 BS, 2 Lausanne) Next call deadline: 15.12.2018

<https://www.samw.ch/fr/Promotion/Programme-MD-PhD.html>

Doc.Mobility

- Fellowships to go abroad
- Duration: 6 to 18 months
- Designed for doctoral students
- Approximately 140 fellowships are granted / year

Requirements

- Matriculation as a doctoral student for at least 12 months
- At least 1 year working at a research institution in Switzerland
- Submission deadlines: 1 March and 1 Sept



<http://www.snf.ch/fr/encouragement/carrieres/doc-mobility/Pages/default.aspx>

Early Postdoc.Mobility

- Fellowships to go abroad
- Duration: 18 months
- Designed for early-career postdocs (young physicians)
- The fellowships include a grant towards living costs, a flat-rate for travel expenses and a contribution to research, conference and matriculation costs if necessary
- Approximately 330 fellowships are granted / year



Early Postdoc.Mobility



Requirements

- Submission 9 months before and up to 2 years after the doctoral exam
- **For medical researchers: submission up to 6 years after the state examination**
- At least 3 years working at a research institution in Switzerland (for foreign persons)
- Submission deadlines: March 1st and September 1st

<http://www.snf.ch/fr/encouragement/carrieres/early-postdoc-mobility/Pages/default.aspx>

Postdoc.Mobility (replaced Advanced PostDoc Mobility in 2018)

Fellowships lasting 24 months for a stay abroad for postdocs who wish to pursue an academic career in Switzerland with a return option to Switzerland

- Fellowship abroad:
 - The fellowships include a grant for subsistence costs, a flat-rate for travel expenses and a possible contribution to research, conference costs and matriculation fees.
 - Duration: 24 months, 12 months
- Return phase:
 - The return grant includes a salary, social security contributions and research funding
 - Duration: 3-12 months (no prolongations possible)
- Approximately 150 fellowships are granted / year

Postdoc.Mobility



Requirements

- Doctorate (PhD, MD-PhD) or completed studies in human, dental, veterinary, social or preventive medicine.
- Submission up to 3 years after the doctoral exam (PhD, MD-PhD)
- **Medical researchers without MD-PhD: submission up to 8 years after the state examination and at least 3 years of clinical activity after the state examination**
- At least 2 years of research activity at a Swiss research institution (for foreign applicants)
- Submission deadlines: February 1st and August 1st
<http://www.snf.ch/fr/encouragement/carrieres/postdoc-mobility/Pages/default.aspx>

Ambizione (young researchers on the way to independence)

young researchers who wish to conduct, manage and lead an independent project

Research in Switzerland («returning» or «incoming»)

- Ambizione grant: own salary at local rates for senior non-professorial research staff, project funding, personnel, possibly doctoral student
- Ambizione project grant: project funds only (max. CHF 400,000)
- Duration: 4 years (no extension)
- 90 grants awarded this year



Since 2017, Ambizione has also been open to young researchers holding non-professorial positions (corps intermediaire)

Ambizione



Requirements

- Up to 4 years' research experience after PhD
- **For Clinicians: at least 3 years of clinical activity since graduation. Application must be submitted up to 9 years after obtaining the medical licence (state examination)**
- Research stay of at least 12 months at a different institution from where the doctorate or the medical licence was obtained

<http://www.snf.ch/fr/encouragement/carrieres/ambizione/Pages/default.aspx>

PRIMA

In autumn 2017, the SNSF introduced PRIMA (Promoting Women in Academia), a new funding scheme for excellent women researchers at postdoc level.

For excellent female researchers aspiring to a professorship

- Grantee's salary at the local rates for senior non-professorial research staff and project funds (incl. additional personnel costs, max. CHF 750,000)
- Duration: 5 years (no extension)
- 22 grants awarded this year

One part of PRIMA is an exclusive career & leadership program accompanying participants during the five years to deepen their confidence, competence and practical leadership skills



PRIMA



Requirements

- Up to 10 years' research experience after PhD
- **For clinicians: at least 3 years of clinical activity since graduation. Application must be submitted up to 14 years after obtaining the medical licence (state examination)**
- 2 years of research experience after the doctorate or the medical license was obtained

<http://www.snf.ch/fr/encouragement/carrieres/prima/Pages/default.asp>

X

SNSF Eccellenza Professorial Fellowships

Set up your own team to realise an independent research project at a higher education institution in Switzerland

- For highly qualified young researchers who aspire to a permanent professorship
- Salary of grantee (assistant professor level)
- Project funds of up to CHF 1,000,000
- Duration: 5 years (no extensions)



<http://www.snf.ch/fr/encouragement/carrieres/eccellenza/Pages/default.aspx>

SNSF Eccellenza Professorial Fellowships



Requirements

- 3–8 years after PhD or equivalent qualification
- **For clinicians: at least 3 years of clinical activity since graduation. Application can be submitted up to 12 years after obtaining medical licence (state examination)**
- Postdoctoral research experience of at least 24 months at a different university from that of the dissertation; at least 12 months abroad
- Swiss university degree, Swiss nationality or at least 2 years of research activity in Switzerland

Répartition du temps de travail entre recherche et clinique (%)	Part du salaire financé par le FNS (%)	Part du salaire à financer par la clinique (%)
50/50	60	40
60/40	70	30
70/30	80	20
80/20	90	10

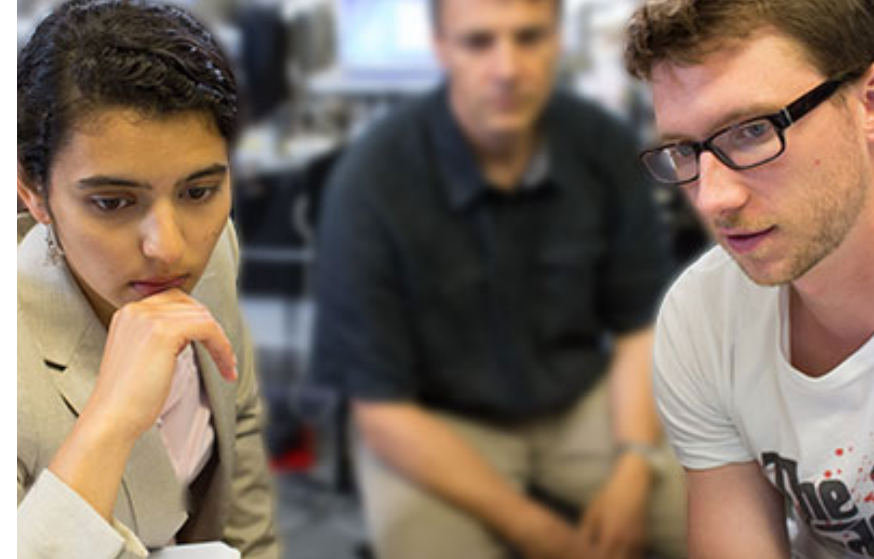
SNSF Eccellenza Grants

In 2018, the SNSF professorships were replaced by the new scheme SNSF Eccellenza. This scheme is also open to newly appointed assistant professors.

Set up your own team to realise an independent research project at a higher education institution in Switzerland

- For recently appointed tenure-track assistant professors
- Project funds of up to CHF 1,500,000
- Duration: 5 years (no extensions)

=> Approx. 45 awards per year (fellowships and grants together)



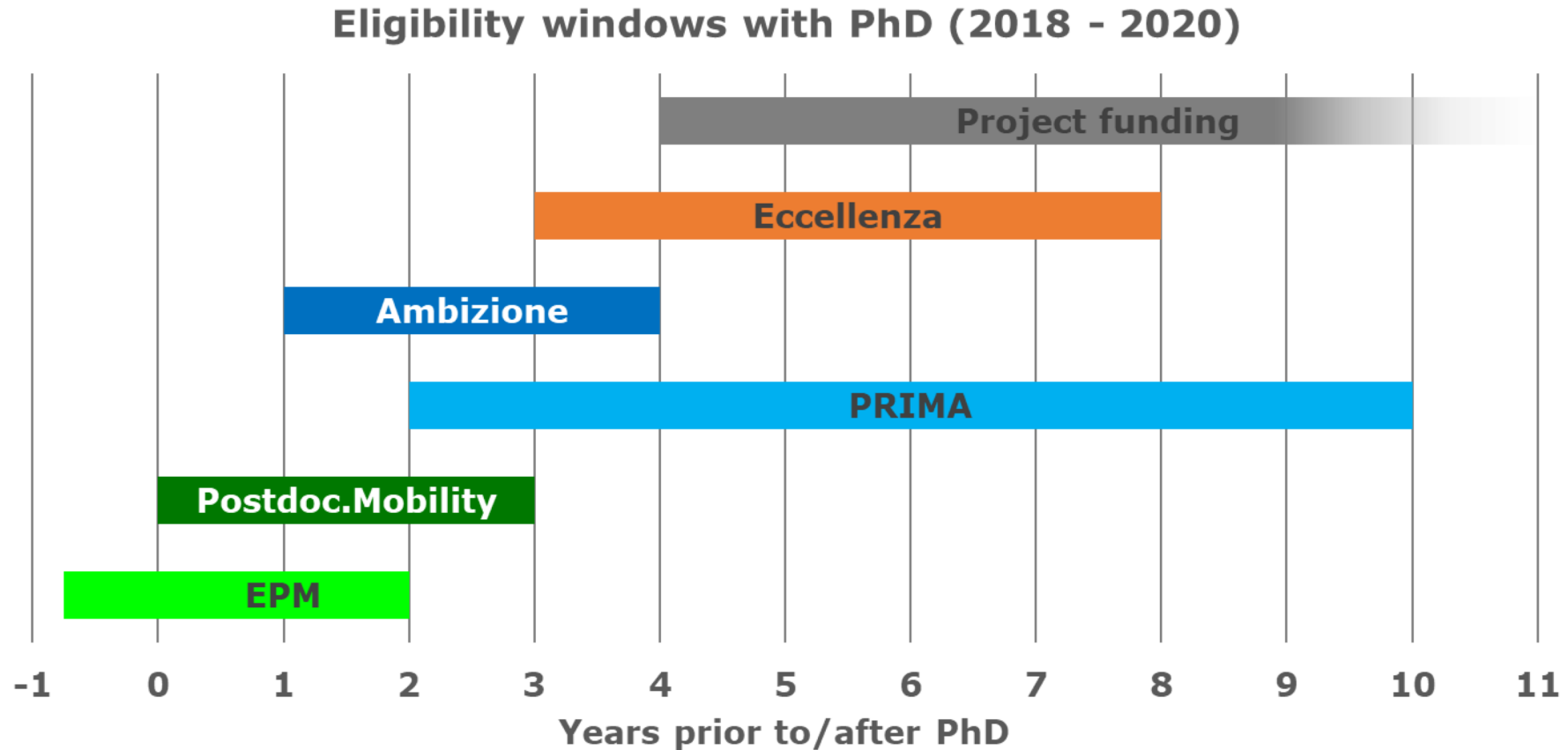
SNSF Eccellenza Grants



Requirements

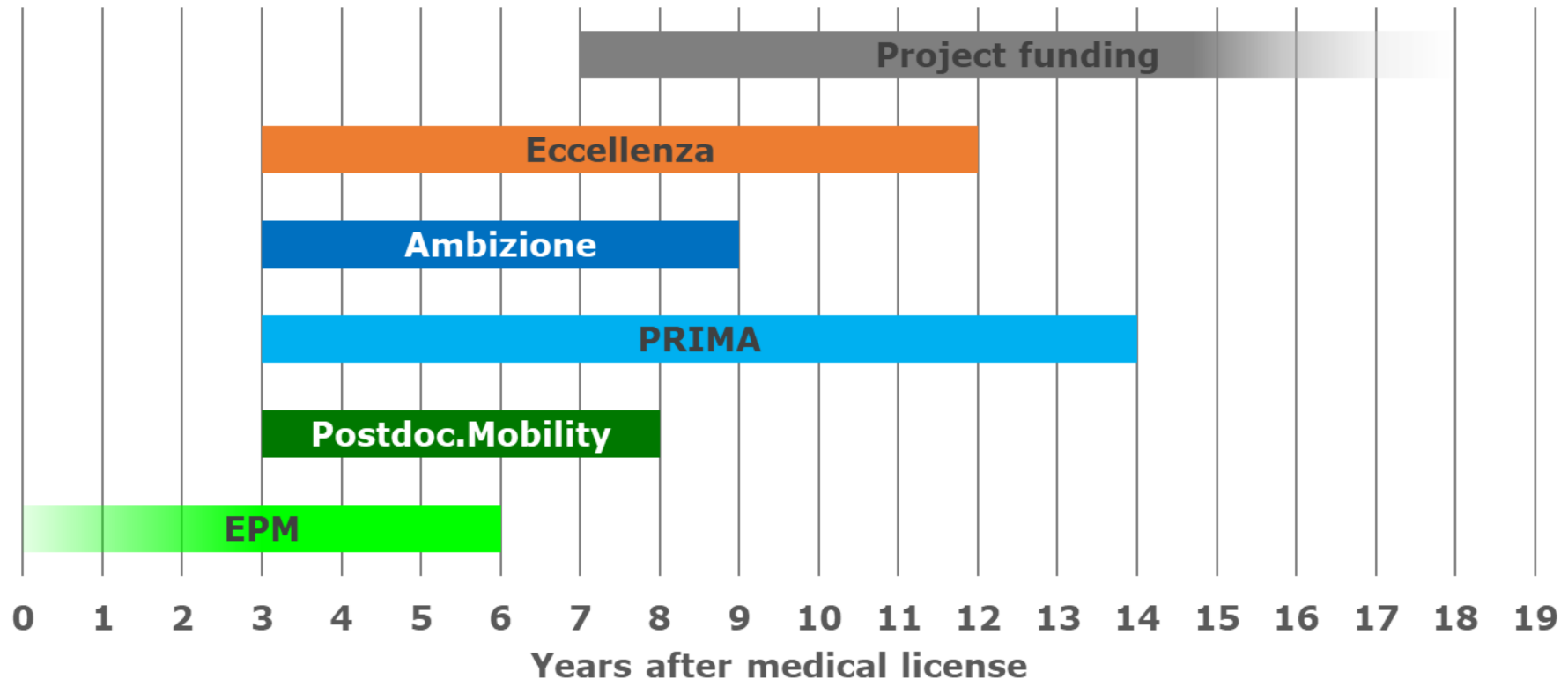
- Tenure-track assistant professor in Switzerland
- Employment no earlier than 18 months before the submission deadline or commencing on the project start date at the latest
- **No requirement on eligibility window or mobility**
- **Potentiellement pour nos professeurs assistants cliniques nouvellement nommés (<18mois)!**

Overview of eligibility windows 2018-2020



Overview of eligibility windows 2018-2020

Eligibility windows with medical license (2018 - 2020)





Extension of eligibility windows

Valid reasons for applying for an extension:

- maternity: 18 months per child
- paternity, adoption or parental leave
- inability to work due to illness or accident
- care duties
- services that benefit the general public (military or civilian service)
- **continuing education in connection with the applicant's research activities (internships or clinical work up to 12 months)**

Mobility fellowships (APM and PM): Applicants with MD or MD-PhD

	Submitted total	Submitted from GE	Grants total	Grants from GE
2015	19	0	10	0
2016	28	2	15	2
2017	28	1	8	1
Feb. 2018	5	0	1	0

2015 - 2017: APM (Advanced Postdoc.Mobility)
2018: Postdoc.Mobility

Ambizione/PRIMA-PROSPER/SCORE (clinicians)

	Submitted total	Submitted GE/GE	Submitted GE/Other	Submitted Other/GE
2014	10 (5)	1 (0)	0	0
2015	14 (6)	1 (0)	0	0
2016	17 (4)	2 (1)	0	0
2017	18 (6)	2 (1)	0	0
2018	31 (6)	1 (0)	1 (1)	1 (0)

.../... : Present institution/selected host institution
() : Number of grants

SNSF professorship (clinicians)

	Submitted total	Submitted with GE as HI	Grants total	Grants with GE as HI
2013	17	4	1	0
2014	22	5	4	1
2015	20	1	2	1
2016	22	2	0	0
2017	22	3	4	0

HI: Host institution

Protected Research Time for Clinicians

The new initiative "Protected Research Time for Clinicians" (PRTC) is intended to help especially younger clinicians to dedicate at least 30% of their working time to their research project funded by the SNSF. They will be relieved of their clinical duties during "protected time". The salary costs related to this guaranteed research time are assumed by the SNSF and the employer in equal parts



Requirements:

- ✓ active clinicians at Swiss hospitals who are the applicant of a research project to be evaluated by the Biology and Medicine division;
- ✓ do not already hold a structural position with budget responsibility at a hospital or an academic tenured position.

Young Talents in Clinical Research

Supporting medical doctors making their first steps in clinical research

With the «Young Talents in Clinical Research» program, the SAMS and the Gottfried and Julia Bangerter-Rhyner Foundation aim at encouraging young medical doctors to venture into **clinical research**.

Funding instruments

- Ad personam grant to finance «protected research time»:
max. CHF 75'000.– per person, 2/3 as a grant and 1/3 as a loan, 1 to 2 years.
- Project grant for a small consecutive research project:
max. CHF 40'000.– per year for up to 2 years

Medical doctors working in Switzerland, having obtained their **medical license** no more than **five years ago**, can apply for a **beginner grant**.

In a subsequent step, grantees can submit a proposal for a **project grant**.

The research supported must take place in Switzerland.

2017: 16 awardees (none from GE)

Soutien Relève/recherche Faculté de Médecine Genève: Chef de clinique scientifique et interne scientifique

But du poste de chef-fe de clinique scientifique:

- ✓ -développer l'indépendance scientifique en menant des projets scientifiques personnels
- ✓ -publier comme premier ou dernier auteur
- ✓ -d'obtenir des subsides de recherche (privés)

La faculté demande que le-la chef-fe de clinique n'effectue pas plus de 20% d'activité clinique sur le pourcentage du poste attribué (dans le cas d'une attribution d'un poste de chef-fe de clinique à 100%) et qu'il ou elle ait un plan de carrière hospitalière défini à la fin de son mandat de chef-fe de clinique scientifique.

But du poste d'interne scientifique:

- ✓ Permettre l'activité de recherche après un MD-PhD ou un PhD (en priorité) tout en débutant la spécialisation clinique.
- ✓ Intégration dans un groupe existant de recherche à la faculté

Soutien Relève Université de Genève: Chef de clinique scientifique et interne scientifique

Les postes CCS sont donnés généralement pour 3 ans à 50% (50% recherche) ou à 100% (80% recherche, 20% clinique).

Les postes IS sont donnés pour 2 ans (50% recherche). Les autres 50% sont en clinique payés par les départements hospitaliers.

La Faculté finance jusqu'à 15 postes ETP /an entre les CCS et les IS.

Dossier à présenter en aout (2018) pour poste 1 novembre de l'année suivante (2019)

	2015	2016	2017	2018
Nombre de dossiers reçus pour poste CCS 50 ou 100%	11	11	11	7
Nombre de dossiers reçus pour poste IS à 50%	1	4	2	2

Soutien Relève faculté de Médecine: Chef de clinique scientifique et interne scientifique

	2015	2016	2017	2018
Nombre postes CCS à 50%	12	14,5	14	12
Nombre postes CCS à 100%	3	3	2	4
Nombre de poste CCS totaux en ETP	9	12,5	9	10
Nombre de postes IS à 50%	4	5	6	4
Nombre de postes IS totaux en ETP	2	2,5	3	2
Nombre de postes totaux financés par la Faculté (CCS et IS) en ETP	11	15	12	12

Fonds de péréquation HUG: jeune chercheur Projets Recherche & Développement (PRD)

Soutenir l'activité de **jeunes investigateurs** en **recherche clinique**

- les **médecins internes** les **chefs de clinique**, et les **chefs de clinique scientifiques sans privat-docent**;
- les **médecins adjoints non agrégés** sont également éligibles à condition d'avoir été nommés à cette fonction depuis moins de 3 ans;
- **les autres scientifiques des services des HUG** ont également la possibilité de déposer une demande de financement, indépendamment de leur affiliation (HUG ou Faculté de médecine), **à condition qu'ils n'aient pas encore de privat-docent et ne dirigent pas un groupe de recherche**;
- les investigateurs principaux des **projets de recherche multicentriques** doivent être **basés aux HUG**.

Succès 9/17 projets en avril 2018

Contact.CRC@hcuge.ch

DM.Secretariat@hcuge.ch

Project Funding



- Make your ideas reality with the SNSF!
- With its project funding scheme, the Swiss National Science Foundation enables researchers to independently conduct research projects with topics and goals of their own choice.
- Researchers can apply for funding to cover the costs of research work, staff salaries, scientific collaboration, networking and communication; but their own salaries are not covered.
- The funding period ranges from one to four years, with grants starting at CHF 50,000 (minimum amount). Researchers are encouraged to focus on one project and plan it for a four-year period.

Project Funding

Requirements



- Applicants must have obtained a **doctorate four years submission date**
- Applicants must be in a position to carry out research projects under their **own responsibility**, must make a **substantial contribution** to the proposed research and lead project staff both scientifically and as personnel.
- Applicants must be able to show that they are **employed at least 50%** for the duration of the project at a research institution eligible for research funding from the SNSF. (potentiall less for clinicians)

Research Plan

- The research plan provides the basis for scientific evaluation. Together with the CV and the applicants' track record, the research plan also serves as a basis for assessing the researchers' scientific qualifications, particularly their expertise with regard to the project.
- 1. Summary of the research plan
- 2. Research plan
 - **2.1 Current state of research in the field**
 - **2.2 Current state of your own research**
 - **2.3 Detailed research plan**
 - **2.4 Schedule and milestones.**
 - **2.5 Relevance and broader impact**
- 3. Bibliography
-

EU Horizon 2020 Funding options



EUROPEAN RESEARCH COUNCIL

Appels:

ERC Advanced Grants – délai : 30 août 2018

ERC Starting Grants – délai : 17 octobre 2018 (ouverture : 18 juillet 2018)

ERC Synergy Grants – délai : 8 novembre 2018 (ouverture : 19 juillet 2018)

ERC Consolidator Grants – délai : 7 février 2019 (ouverture : 24 octobre 2018)

Pour les lettres d'engagement ERC (*Letter of Commitment of the Host institution*) obligatoires pour toute soumission de projet ERC, informer Decanat **au plus tard un mois avant le délai de soumission.**

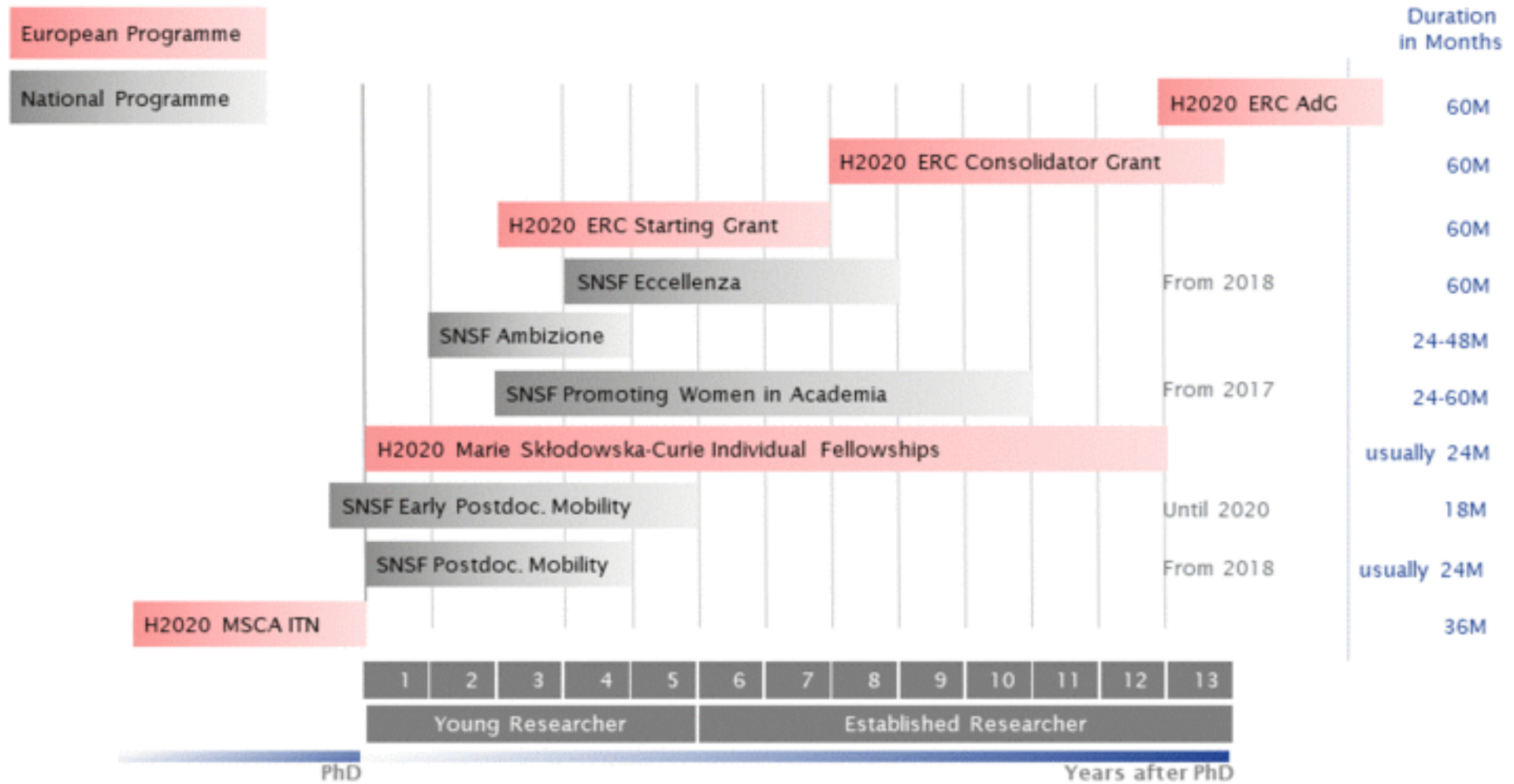
MARIE SKLODOWSKA-CURIE ACTIONS

Appels :

Individual post-doc fellowships – délai : 12 septembre 2018

**CO-funding or regional/national/international programmes for docs/post-docs –
délai : 27 septembre 2018**

Career Funding EU and national grants



Note: The eligibility window can be extended under certain circumstances. These include clinical work, maternity and family care duties.

Créer une bonne relève
de clinicien chercheur..

