

AVETH - MARIE SKLODOWSKA-CURIE FUNDING

European Funding

EU GrantsAccess | Patrik Winiger | 30 April 2020











GOAL



- Overview of available career funding
- Introduction to European Postdoc funding
- Guide towards our office, if you plan an application at UZH or ETH

EU GrantsAccess (www.grantsaccess.ethz.ch)

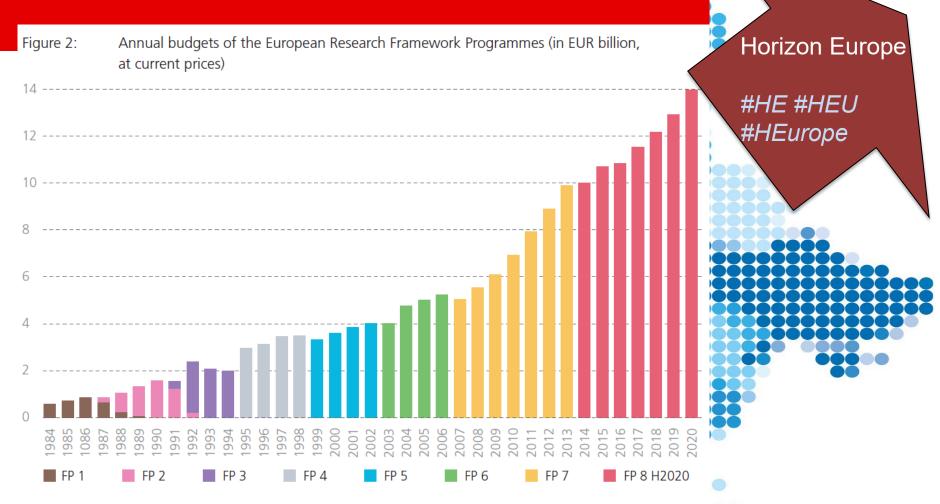
- Joint office of the University of Zurich and ETH Zurich
- The office for International Research Programmes
- Advise about funding opportunities (Focus on H2020, next year HE)
- Administrative, financial and legal support
- Idea and Proposal checking
- Proposal pre-screening
- Proposal Writing Workshops
- Information events
- Get in touch with us when planning to submit a proposal: grants@sl.ethz.ch
- · All our services are free of charge!







EU Framework programmes



Source: European Commission (COM(2004) 533, 786/2004/CE, COM(2005) 119 final, SEC(2014) 357 final), cf. Table 1 in Appendix C









HORIZ (2020)



Excellent Science (24.4 B €)

European Research Council (13.1 B€)

Future and Emerging Technologies (2.7 B €)

Marie Skłodowska-Curie Actions (6.1 B €)

Research Infrastructures (2.5 B €)

Industrial Leadership (17 B €)

LEIT = Leadership in enabling and industrial technologies

- ICT
- · Nano, new materials
- Biotechnology
- Space

(13.5 B €)

Access to Risk Finance (2.9 B €)

Innovation in SMEs (0.6 B €)

Societal Challenges (29.7 B €)

Health (7.5 B €)

Food (3.9 B €)

Energy (6 B €)

Transport (6.3 B €)

Climate (3 B €)

Inclusive Societies (1.3 B €)

Security (1.7 B €)

Spreading Excellence (0.8 B €)

Science for Society (0.5 B €)

EIT (2.7 B €)

JRC (1.9 B €)

Euratom (1.6 B €)

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EU Framework programmes: Horizon Europe (HE) 2021 – 2027



Pillar 2

Global Challenges and European Industrial Competitiveness

- Health
- Culture, Creativity and Inclusive Society
- Civil Security for Society
- Digital, Industry and Space
- Climate, Energy and Mobility
- Food, Bioeconomy, Natural Resources, Agriculture and Environment

Joint Research Centre

Pillar 3

Innovative Europe

European Innovation Council

European innovation ecosystems

European Institute of Innovation and Technology



Widening Participation and Strengthening the European Research Area

Widening participation and spreading excellence

Reforming and Enhancing the European R&I system



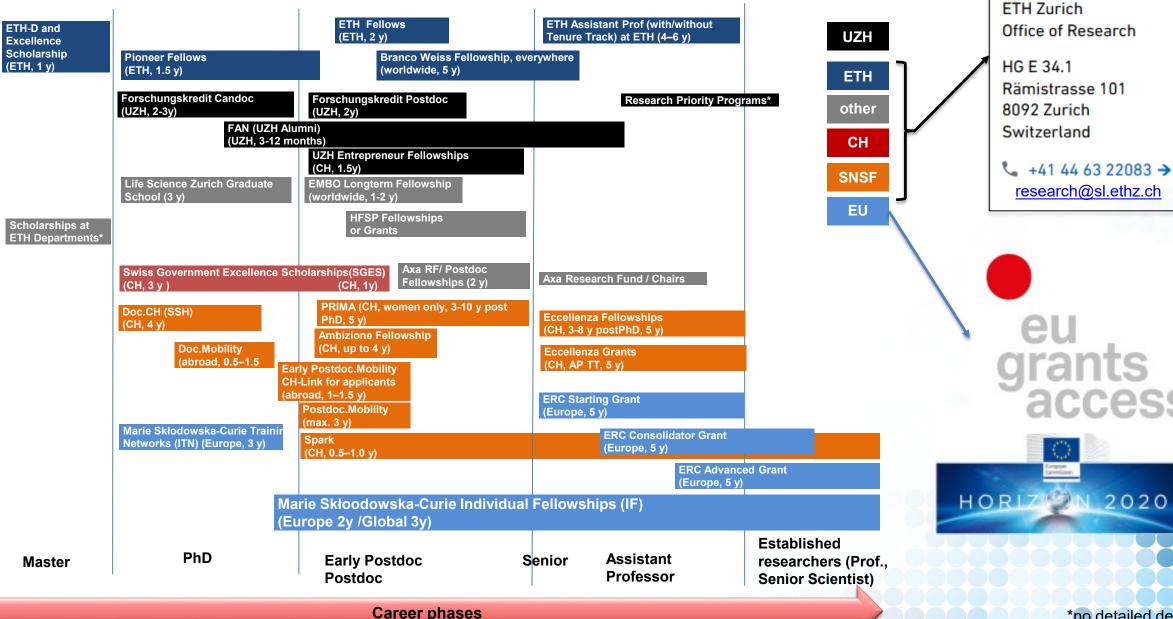


Academic Career Map (CH) Phase 4 8 % Dependence Phase 3 **Doctoral Student** 20 % Phase 1 Phase 2 60 % Lect. Lect. Lect. 12% PostDoc / Researcher Lect. Lect. Lect. Senior Researcher / Staff Scientist Independence Assistant Professor Assoc. / Full Professor 10 11 19 20 18 Research Age **ETH** zürich Universität

Zürich

Source: http://www.leru.org/index.php/public/extra/careermapseurope/

Career Funding [status April-2020]



*no detailed description

ETH-internal and

SNSF programmes

UZH: FAN (Fonds zur Förderung des akademischen Nachwuchses)







Aim



Requirements



Duration



Contribution



Submission Deadline

Fellowship AND Grants

- Applicants must be employed at the UZH or be associated with it through their planned scientific activities.
- Fellowships: 1 year
- Grants 3 6 months
- Fellowships: CHF 50'000 to CHF 100'000
- Grants: CHF 20'000 to CHF 40'000
- February 15

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UZH: Forschungskredit Postdoc







Aim

 Funding to support them in carrying out or finishing a research project at the UZH.



Requirements

- Postdocs and habilitation candidates (until conferral of habilitation) who are either employed by or affiliated with the UZH due to planned research projects.
- Female and male Postdocs whose research activities have been interrupted or delayed because of incompatibility reasons may apply simultaneously for the Suslowa-Postdoc-Fellowship



Duration



Contribution



Submission Deadline

- 24 months at the most
- CHF 50'000-100'000.
- February 1st

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UZH: UZH Entrepreneur Fellowships







Aim



Requirements



Duration



Contribution



Submission Deadline

- Funding, training, lab facilities and expert advice to young researchers who intend to start up a company based on UZH research.
- The fellowships are currently offered only to projects in BioTech and MedTech
- 18 months
- CHF 150'000
- April 15th
- September 15th



ETH Zürich: Excellence & ETH-D Scholarships FTH zürich











Requirements



Duration



Contribution



Submission Deadline

- The Excellence Scholarship & Opportunity Programme (ESOP) supports students with a scholarship, mentorship and a network of the ETH Foundation. The scholarship covers the full study and living costs during the Master's degree course.
- The Master Scholarship Programme (MSP) contains a partial stipend as well as additional offers by the Department (assistantship or additional scholarship).
- Excellent students (national and international) wishing to pursue their Master's degree at ETH Zurich.
- A very good result in the Bachelor' (top 10% of Bachelor's programme = grade A).
- Not yet enrolled in a Master's degree programme at ETH Zurich
- Duration of the Master's programme
- **Excellence Scholarship** consists of a grant covering living and study expenses (CHF 12,000 per semester) as well as a tuition fee waiver.
- ETH-D Scholarship consists of a partial stipend for living and study expenses (CHF 7,500 per semester) as well as a tuition fee waiver. Additional funding available at Department level.
- 15 December

ETH Zürich: Pioneer Fellows







Aim

 A Pioneer Fellowship is awarded to an individual or groups of individuals intending to independently develop a highly innovative product or service to be exploited commercially and/or for the benefit of society.

Pioneer Fellowships are awarded to candidates who fulfill the following criteria:

- A team of 1-2 entrepreneurial people with a master or doctoral degree from ETH Zurich,
- Submission 6 months ahead or after degree.
- A promising business case
- A project where a company has not yet been incorporated
- Support of a host professor at ETH



Duration



Contribution

Requirements

- 12-18 months
- Max. of 150'000 CHF for 12-18 months



Submission Deadline

1 March and 1 September

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ETH Zürich: ETH Fellows







Aim





Requirements



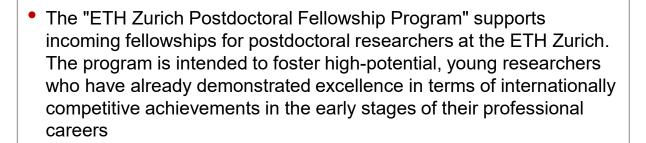
Duration



Contribution



Submission Deadline



- Doctoral degree within two years of the submission deadline from an institution other than the ETH Zurich or the University of Zurich
- At the time of the relevant submission deadline, researchers must also not have carried out their main activity (work, studies, etc.) at either of the two institutions for more than six months prior to the reference date.
- Applicants have at least one scientific publication in a peer-reviewed journal or have been awarded a prize for their doctoral thesis
- 24 months
- ETH PostDoc salary
- Additional funds for travel, research costs etc. up to 12'000 CHF/y

1 March and 1 September



ETH Zürich: ITS (Institute for Theoretical Studies)

Junior & Advanced Fellows





Aim



Requirements



Duration



Contribution



Submission Deadline

- Fellows of the ETH Institute for Theoretical Studies are independent postdocs of exceptional talent and promise, having achieved significant results in mathematics, theoretical computer science or theoretical natural sciences.
- Nominations by faculty members and senior researchers of universities and research institutions.
- PhD from a University other than ETH Zurich
- Up to 3 years
- ETH PostDoc salary
- Usually nomination until September



ETH Zürich: Branco Weiss Fellows









Aim

- The fellowship is designed for postdocs at home in sciences, engineering and social sciences who are willing to engage in a dialogue on relevant social, cultural, political or economic issues across the frontiers of their particular discipline
- The ideal applicant has the competencies to design a surprisingly novel and scientifically rigorous research project which blazes new trails, profiting from the freedom uniquely offered by the fellowship.



Requirements



Duration



Contribution



Submission Deadline

- PhD up to 5 years before deadline
- Project departs from the mainstream of research in your discipline
- Record of outstanding scientific achievement
- Not a holder of a faculty-equivalent position
- 5 years, anywhere in the world
- CHF 100,000 per year
- January 15

Swiss Government Excellence Fellowships







Aim





- Master's degree or PhD
- Foreign artists holding a bachelor's degree
- Academic supervisor/Professor at a Swiss cantonal universities, universities of applied sciences and the two federal institutes of technology (Research scholarship)
- Swiss conservatory or university of the arts (Art scholarship)



Duration



Contribution

Requirements



Submission Deadline

12 months for PostDocs/Research Fellows, 36 months for PhD students

Scholarship

September - December



SNSF: Doc.CH







Aim





Duration



Contribution



Submission Deadline

- Write a dissertation
- In the humanities and social sciences
- Topic of their own choice
- At a higher education institution in Switzerland
- Master degree (or similar degree) with excellent marks from a higher education institution in Switzerland or similar foreign degree for applicants with Swiss nationality
- Submission to the Research Commission of the SNSF no more than 2 years after the master degree
- Generally at least one change of institution between bachelor and start of PhD or a planned stay abroad of at least one semester during doctoral studies
- 2-4 years
- Grantee's own salary (according to the SNSF salary scales for doctoral students)
- Costs directly related to project implementation: material of enduring value, consumables, travel and conference expenses, scientific open access e-publications (articles, digital books), etc.

• 10 March and 10 September

SNSF: Doc.Mobility







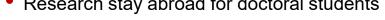


Aim

Research stay abroad for doctoral students



Requirements



- Matriculation as a doctoral student for at least 12 months
- Link with Switzerland: Swiss nationality, permanent residence, residence or cross-border commuter permit, or marriage resp. registered partnership with a Swiss
- At least 1 year of activity at a Swiss research institution for applicants with foreign nationality



Duration

• 6 –18 months



Contribution

Submission Deadline

- Stipend (depending on familiy status and target country)
- 1 March and 1 September

SNSF: PRIMA (Promoting Women in Academia) ENSINE @







Aim

- Selective promotion of excellent women researchers who have a potential for an academic career (i.e. to be appointed as a professor)
- Lead your own team to realise your independent research project



Requirements

- MD or PhD or 3 years of research activities as equivalent qualification
- 2–10 years after PhD/equivalent qualification
- 2 years of postdoctoral research activity



Duration

5 years



Contribution

- Salary
- max. 750'000 CHF project funds



Submission Deadline

1 November 2018

SNSF: Early.PostDoc Mobility

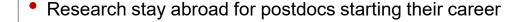








Aim





Requirements

- Doctorate (PhD) already obtained or obtainment within 9 months, or medical training completed with a doctorate (MD)
- Doctorate obtained no more than 2 years ago; medical researchers must have passed the state examination no more than 6 years ago
- Link with Switzerland: Swiss nationality, permanent residence, residence or cross-border commuter permit, or marriage resp. registered partnership with a Swiss
- At least 3 years of activity at a Swiss research institution for applicants with foreign nationality



Duration

12 –18 months



Contribution

Stipend (depending on familiy status and target country)



Submission Deadline

• 1 March and 1 September

SNSF: PostDoc.Mobility







Aim



Requirements



Duration



Contribution



Submission Deadline

- Research stay abroad for postdocs starting their career
- 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 to8 years after the state examination and at least 3 years of clinical activity
- Link with Switzerland: Swiss nationality, permanent residence, residence or crossborder commuter permit, or marriage resp. registered partnership with a Swiss
- At least 2 years of activity at a Swiss research institution for applicants with foreign nationality
- 12 –24 months with a return option to Switzerland (3 –12 months)
- Stipend (depending on familiy status and target country)
- 1 February and 1 August

SNSF: Ambizione Fellowship









Aim

 Create conditions for starting an independent career in Switzerland



Requirements

- Postdoctoral research activities of at least 12 months at a different university from that of the dissertation
- Eligibility window: 1-4 years after PhD/equivalent qualification
- MD: at least 3 years of postgraduate clinical activity; up to 9 years after the medical license



Duration



Contribution



Submission Deadline

- 4 years
- Salary
- max. 400'000 CHF project funds

1 November 2018

SNSF: Eccellenza Fellowships









Aim

 Enable your own team at professorial level to realise your independent research project



Requirements

- Eligibility window: 3–8 years after PhD/equivalent qualification
- MD: at least 3 years postgraduate clinical activity; up to 12 years after the medical license
- 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



Duration





Contribution

- salary of grantee (determined in agreement with host)
- Project funds up to CHF 1'000'000 for 5 years



Submission Deadline

15 February

SNSF: Eccellenza Grants

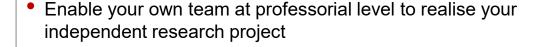








Aim





Requirements

- Assistant professor with tenure track in Switzerland
- Employment no earlier than 18 months before the submission deadline or due to commence on the project start date at the latest
- No requirement on eligibility window or mobility



Duration





Contribution



Submission Deadline

- 5 years
- salary of grantee (determined in agreement with host)
- Project funds up to CHF 1'500'000 for 5 years

15 February

SNSF: Spark

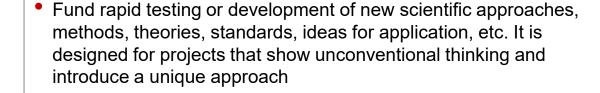








Aim





Requirements

- Applicants must conduct the Spark project at a Swiss research institution
- Applicants must have a doctorate
- Applicants must either be employed at an eligible Swiss host institution or must have the support of an eligible Swiss institution



Duration



Contribution



Submission Deadline

- 6 to 12 months
- Between CHF 50,000 and CHF 100,000

March 11

ERC: Consolidator Grants









Aim







Contribution



Submission Deadline

- Support excellent researchers who want to consolidate their independence by establishing a research team and continuing to develop a success career in Europe? Also for researchers who have recently created an independent, excellent research team and want to strengthen it.
- 7-12 years post PhD
- Proven research independence, several important publications without participation of PhD supervisor
- European Host Institution (or associated country)
- 5 years
- Project funds up to 2'000'000 € for 5 years
- + 1 Mio (conditional): major equipment, access to large facilities, major experimental and field work, (no personnel costs!)
- -> Next deadline (perhaps) in 2021 #HE

ERC: Advanced Grants









Aim

 For established, leading principal investigator who want longterm funding to pursue a ground-breaking, high-risk project.



Requirements

- Active researchers who have a track-record of significant research achievements in the last 10 years.
- European Host Institution (or associated country)



Duration

5 years



Contribution



Submission Deadline

- Project funds up to 2'500'000 € for 5 years
- August 2020

MSCA: Innovative Training Networks







Aim



Requirements



Duration



Contribution



Submission Deadline

- Collaborative project with the goal of training the next generation of researchers
- Salaries for >15 PhD students for 3 years each
- Academic and non-academic partners
- Training of PhD: skills, summer schools, workshops, conferences, secondments
- Mobility for PhD Students is a the key requirement
- 4 years
- Salary of PhD students
- Additional money for training, travel, research and management

January





MSCA: Individual Fellowships (IF) – European Fellowships or Global Fellowships





Aim



Requirements



Duration



Contribution



Submission Deadline

- Career support for experienced researchers (i.e. ≥4y of research/ PhD studies)
- Tool to fill the gap in your CV
- Mobility for PostDocs is the key requirement →example on coming slide
- No biological or academic age limit
- European: any nationality
- Global: EU long-term residents only*
 - * ≥5 years residence in EU or associate country (e.g. Switzerland)
- European: ≤2 years
- Global: ≤3 years
- Salary of PostDoc → example on coming slide
- Additional money for training, travel, research and management

September-9-2020

IF 2020 Webinar: https://www.youtube.com/watch?v=a0ga4OJpxuU



MSCA: Individual Fellowships (IF) – Other IF types

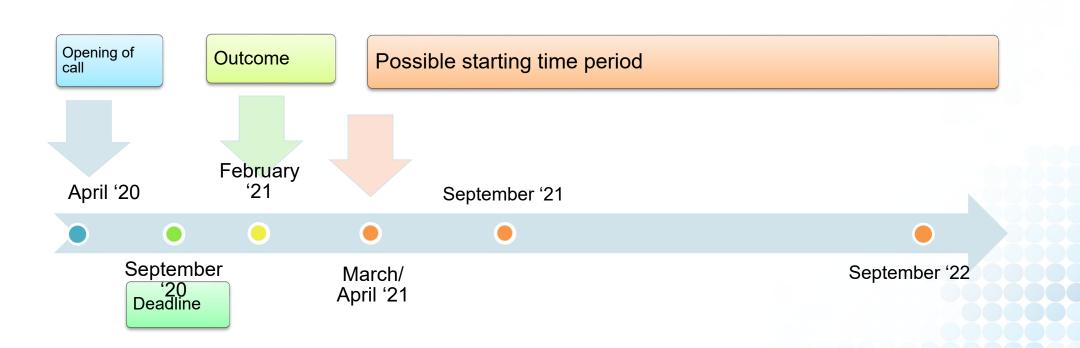




- CAR (Career Restart: break from research >1 year)
 - ≤3 years duration
 - special mobility rule: residency in host country no longer than 36 months within last 5 years (for <u>EU long-term residents</u>)
- RI (Reintegration: Coming from outside Europe)
 - special mobility rule: residency in host country no longer than 36 months within last 5 years (for <u>EU long-term residents</u>)
- S&E (Society & Enterprise)
 - Host from the non-Academic sector
 - special mobility rule: residency in host country no longer than 36 months within last 5 years (<u>for all nationals</u>)

MSCA: Individual Fellowships (IF) – potential timeline (all IFs)





MSCA: Individual Fellowships (IF) – Mobility rule (EF & GF)





The researchers shall not have resided or carried out their main activity in the country of their future host organisation for more than 12 months in the 3 years prior to the deadline for submission of proposals.

Next deadline 09.09.2020

→ No longer than 12 months residence since 09.09.2017

MSCA: Individual Fellowships (IF) – Types (EF & GF)



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European Fellowship EF



12-24 months

Global Fellowship GF



1st phase: outgoing (12-24 months) 2nd phase: coming back (12 months)

If not European, researcher must have been active in Europe for at least 5 consecutive years

24-36 months

Additional 3-6 month secondment option

Success rate (2018) of ~12% (EF), 8-23 % (GF)

→ Next deadline 09 September 2020 (call opens 04 April)

MSCA: Individual Fellowships (IF) – Host Organisations (all IFs)





- Universities (except S&E Fellowship)
- Public & Private Research Institutes
- International Organisations (e.g. CERN, EMBL)
- Non-governmental Organizations (NGOs)
- Small and Medium-sized Enterprises (SMEs)
- Big companies

MSCA: Individual Fellowships (IF) – Budget





- The Host organisation receives the funding
- You get hired by your host institution
- The Host organisation will get the following amounts for each month of your fellowship:

	Researcher unit cost [€/month]			Institutional unit cost [€/month]	
	Living allowance *	Mobility allowance	Family allowance (conditional)	Research, training & networking costs	Management & overheads
IF	4880*	600	500	800	650

^{*} adjusted by different country correction coefficiencts

'Special Needs ALLOWANCE': Additional funding available for fellows with disabilities (< €60'000 pp)

MSCA: Individual Fellowships (IF) – Budget





EXAMPLE

Max Planck Institute (Germany), with family

Monthly Salary (before tax):

5'833.6€ - (social contribution)

PostDoc Level: Marie Skłodowska-Curie Actions Individual Fellowships (IF) – next steps



- Specify your long-term goals
- Identify the gap of your CV to reach your long term goals
 - Analyze your CV (tools: http://myidp.sciencecareers.org /www.rdfplanner.net)
 - · The project should close the identified gap
- Networking: You need a supervisor (professor) from an institution in a Member State or Associated Country, who is willing to work with you.
- Get in touch with us
 - OR find support for non-Swiss hosts: https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/support/ncp
- Train your grant writing skills
 - Art of Grantsmanship http://www.hfsp.org/funding/art-grantsmanship
- Check the important documents (Guide for Applicants, Work Programme, and proposal templates)
- Visit one of our two applicant trainings (June 25 or July 30)
- Register as MSCA reviewer (aka Expert):
 - https://ec.europa.eu/research/participants/experts/web/registration

ERC: Starting Grants









Aim

 Enable talented early-career scientist who have already produced excellent supervised work and show potential to be a research leader to start working independently and establish their own research team and topic.



Requirements

- 2-7 years post PhD
- Proven potential and promising track-record (including at least one important publication without contribution of PhD supervisor)
- European Host Institution (or associated country)



Duration

5 years



Contribution

- Project funds up to 1'500'000 € for 5 years
- + 1 Mio (conditional): major equipment, access to large facilities, major experimental and field work, (no personnel costs!)



Submission Deadline

October -> Next deadline (perhaps) early 2021 #HE

European Research Council (ERC) Starting Grants requirements





Starting Grant (2-7 years post PhD)

- ≥50% of working time on ERC project; ≥50% of working time in Europe
- Restrictions on resubmission
- UZH requirements: Registration form, signed by Head of Institute and the Dean
- ETH requirements: Support of the Department
- Salary must be covered
- Possible promotion to Assistant Professor, Förderprofessur

Are your achievements comparable with those of past grant winners in your field?

https://erc.europa.eu/projects-figures/erc-funded-projects

ERC Starting Grant What do I get?



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- •Independence
- Your own research team/programme
- •Up to €1.5 Mio for 5 years (+ conditional 1 Mio)
- Clear impact on career, recognition
- Transportability



































www.researchprofessional.com



Have a look at *Research Professional

ETH Zurich and University of Zurich together acquired a license to make this database freely accessible to its researchers.

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Jobs on the EURAXESS portal





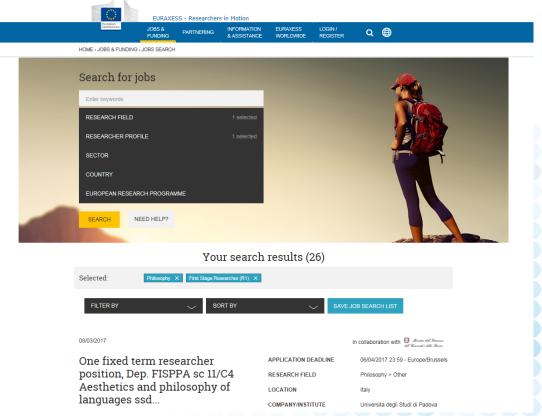
The EURAXESS - Researchers in Motion portal is a joint initiative of the

European Commission and the countries participating in the European

Union's Framework Programme for Research.

EURAXESS Jobs is a recruitment tool free of charge

https://euraxess.ec.europa.eu/jobs/search



Thank you!

EU GrantsAccess

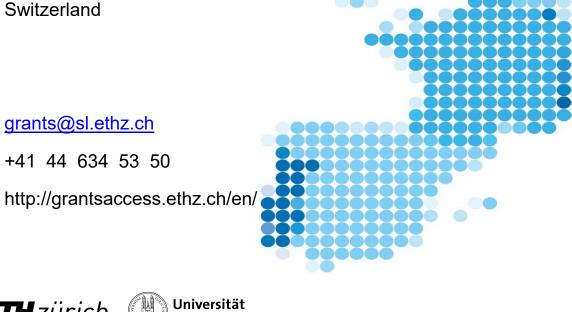
International Research Programmes

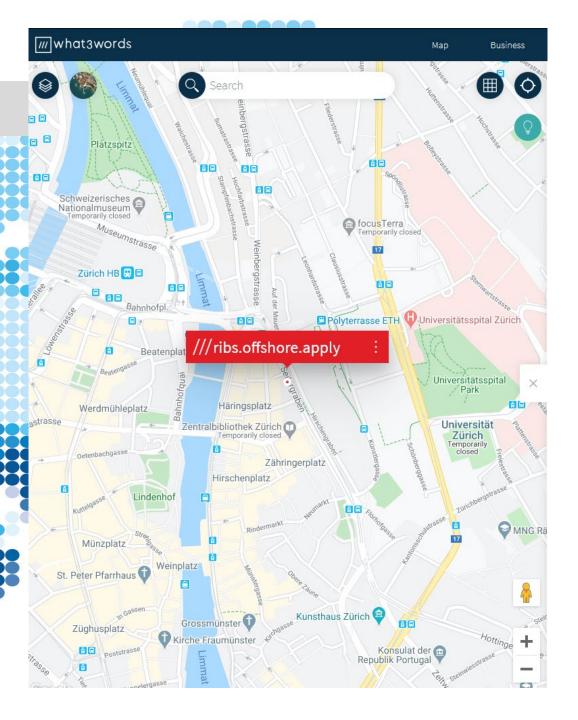
ETH Zürich

University of Zurich

Seilergraben 53

8001 Zurich









Links (check eligibility first)

Scheme	links
MSCA-EF	 MSCA webpage: http://ec.europa.eu/research/mariecurieactions/ Proposal submission CV analysis tools: http://myidp.sciencecareers.org /www.rdfplanner.net
ERC-StG	 ERC webpage: http://erc.europa.eu/ Proposal submission: http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/index.html
HFSP	http://www.hfsp.org/funding/postdoctoral-fellowships
EMBO	https://www.embo.org/funding-awards
SGES	https://www.sbfi.admin.ch/sbfi/de/home/themen/bildungsraum-schweiz/stipendien/eskas.html
SNF Ambizione	http://www.snf.ch/en/funding/careers/ambizione/Pages/default.aspx
Branco Weiss	https://brancoweissfellowship.org/
ETH Fellows	https://www.ethz.ch/en/research/research-promotion/eth-internal-programmes/eth-fellowships.html
Directory of Foundations	https://www.edi.admin.ch/edi/de/home/fachstellen/eidgenoessische- stiftungsaufsicht/stiftungsverzeichnis.html
Open Grants	Funded and not funded proposals from different funding agencies https://www.ogrants.org/
UZH Foundation	https://uzhfoundation.ch/de/

Funding for women:



SNF: PRIMA:

http://www.snf.ch/en/funding/careers/prima/Pages/default.aspx

American Association of University Women (AAUW):
 http://www.aauw.org/what-we-do/educational-funding-and-awards/international-fellowships/

 L'Oréal-UNESCO For Women in Science Fellowships: http://www.fwis.fr/en/fellowships

Graduate Woman in Science (GWIS) National Fellowships Program:
 http://www.gwis.org/?page=fellowship_program

