

HUMAN FRONTIER SCIENCE PROGRAM

Application guidelines for Long-Term and Cross-Disciplinary Fellowships **Award Year 2020**

Fellowship initiation deadline: August 8, 2019

at 1:00 p.m. applicant's local time

By August 8 you must have obtained a reference number. (ex: LT___/2020-L for a Long-Term Fellowship application or LT___/2020-C for a Cross-Disciplinary Fellowship application).

Fellowship submission deadline: August 22, 2019 at 1:00 p.m. applicant's local time

Host supervisors and referees have until August 22 to register and submit their section. It is recommended that they do it earlier, since the applicant will only be able to submit the application once the host supervisor(s) and referees have submitted their sections.

Contact details

12, quai Saint-Jean 67080 STRASBOURG Cedex – FRANCE Tel: +33 3 88 21 51 ext. 27 or 34 E-mail: <u>fellow@hfsp.org</u> Website: <u>http://www.hfsp.org</u>

Registration and submission via <u>https://extranet.hfsp.org</u> will be possible as of July 2019. Applicants should read the guidelines carefully, in particular the eligibility criteria and the scientific objectives of the program. If in doubt about the appropriateness of the research project or formal eligibility criteria you should consult the <u>Frequently Asked Questions</u> (FAQ) or contact the <u>Fellowship Office</u> prior to preparing an application.

I. OVERVIEW

The objective of the International Human Frontier Science Program Organization is to implement the Human Frontier Science Program ("the Program"). The aim of the Program is to promote, through international cooperation, basic research focused on the elucidation of the sophisticated and complex mechanisms of living organisms for the benefit of all humankind.

The Program aims to complement, not duplicate, the frontier life science programs of the countries that provide HFSPO financial support.

HFSPO attaches the highest importance to novelty, scientific merit, internationality, and interdisciplinarity.

Emphasis is placed on building new collaborations that bring together life scientists and scientists from other disciplines such as physics, mathematics, chemistry, computer science and engineering, including on the development of early career frontier scientists.

The Program supports potentially transformative proposals that address important problems at the frontiers of the life sciences, or barriers to progress in the life sciences. Projects should challenge existing paradigms by using novel approaches and techniques. Applications for high-risk/high-reward projects are particularly encouraged.

Research projects may range from biological functions at the molecular and cellular level up to the biological systems level, including cognitive functions. All levels of analysis are supported: for example studies on genes and individual molecules, intracellular networks, intercellular associations in tissues and organs, and networks underlying the complex functions of entire organisms, populations, or ecosystems.

HFSPO offers 3-year postdoctoral fellowships to enable the most talented early career scientists, trained in the life sciences or in the physical sciences, to extend their scientific repertoire in laboratories in another country.

HFSPO invites applications for its two international postdoctoral programs:

- Long-Term Fellowships (LTF) are for applicants with a PhD in a biological discipline who will broaden their expertise by proposing a project in the life sciences which is significantly different from their previous PhD or postdoctoral work.
- **Cross-Disciplinary Fellowships (CDF)** are for applicants with a PhD from outside the life sciences (e.g. in physics, chemistry, mathematics, engineering or computer sciences).

All applicants are expected to be exposed during the tenure of the award to new theories and methods which complement or build on their previous expertise. Candidates for a CDF should describe the biological techniques they will learn and how their specific skills will bear on the biological project they propose.

Proposals representing standard or incremental approaches, obvious next steps in the field or for the host laboratory (routine projects) or proposals that do not represent a significant change in research direction from previous work of the applicant (i.e. PhD thesis or previous postdoctoral work) are less likely to receive funding.

HFSPO funds basic life science research.

HFSPO does not fund the following:

1. Projects of a purely applied nature. For example:

- projects of a primarily clinical and pharmaceutical nature are only considered if they allow new insights into fundamental biological mechanisms of disease;
- projects aimed at developing methods of diagnosis or treatment, including the search for potential drug targets or advanced trials of drugs under development;
- applied research in engineering, biotechnology, or nanotechnology, that does not address a fundamental biological problem;
- projects directly concerned with agricultural problems such as crop yield or breeding and environmental problems such as pollution.

2. Research aimed at developing novel methods or the study of analogs or models of biological activity <u>unless</u> these methods allow new biological questions to be answered in the context of the aim of the HFSP to fund fundamental research.

3. Observational projects or systematic screening approaches.

4. Large-scale data collection as such, unless there is a convincing rationale for the collection and detailed methodology for the data analysis; this includes the systematic multi-species-omic analyses of populations or ecosystems, which do not address a fundamental biological question of general interest. However, studies of the mechanisms of species-species interactions or their co-evolution <u>are</u> eligible.

5. Research in for-profit environments (but collaborations are allowed).

II. ELIGIBILITY CRITERIA

1) Anyone from any country and any nationality can apply for a fellowship.

A candidate who is not a national of one of the HFSPO members (see list below) may apply to work only in a research institution in one of the member countries.

A candidate who is a national of one of the member countries can apply to work in a research institution in any country.

<u>HFSPO member countries</u>: Australia, Austria, Belgium, Bulgaria, Canada, Croatia, Cyprus (EU part only), Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, India, Republic of Ireland, Italy, Japan, Republic of Korea, Latvia, Lithuania, Luxembourg, Malta, The Netherlands, New Zealand, Norway, Poland, Portugal, Romania, Singapore, Slovakia, Slovenia, Spain, Sweden, Switzerland, the United Kingdom and the United States of America.

- 2) Applicants must propose to work in a country different to the one where they did their previous PhD work or first post-doctoral studies. For those institutions that are not classified as national, i.e. international or extraterritorial institutions such as EMBL, ICPT or ICGEB, the country in which the laboratory is located will be considered the host country.
- 3) A **research doctorate (PhD)** or a doctoral-level degree comparable to a PhD with equivalent experience in basic research (e.g. a research based MD or medical PhD) must be conferred by the start of the fellowship, but is not required at the time of submission.

If PhD awarded:

- The degree must have been conferred in the 3 years prior to the submission deadline, i.e. **between September 1, 2016 and August 22, 2019**.
- The date on which the doctoral degree was officially conferred will determine the cut off for the eligibility of a fellowship application.

<u>Exceptions are possible</u> only for post-PhD career interruptions such as illness, parental leave, providing full time care for an immediate family member, military or civil service. Unemployment and work outside science are not considered eligible interruption periods. Eligible interruption periods will not be counted, however the remaining duration must be less than 3 years.

If PhD not yet awarded:

- $\circ~$ The PhD must be conferred by 31 December 2020 at the latest.
- \circ $\;$ The fellowship cannot start before the PhD is officially conferred.

By "conferred degree" we mean you have been awarded your diploma for the degree. The "conferral date" is the date on the official PhD document.

4) Applicants must have at least one lead author, full-length research paper - either accepted for publication, in press or published - in an international peer-reviewed journal or <u>published on a preprint server</u> such as bioRxiv by August 22, 2019 in order to be eligible to apply. The applicant must either be the single author, first author or joint first author. In a joint first author paper the applicant does not have to be listed in the first place, but the equal contribution of the authors must be clearly stated in all cases. In some cases the standard publication practice makes first authorship impossible (e.g. alphabetical listing of authors); these circumstances must be explained in the "Additional Comments" section of the application. HFSPO also recognizes that publication practices differ in different fields (e.g. in physical sciences) and those cases should also be explained in the "Additional Comments" section.

Only papers written in English are taken into account. Review articles and patents are not taken into account.

Electronic copies of lead author publications must be uploaded while preparing the application. They cannot be uploaded after the applicant has submitted.

Please be aware of the following grounds for ineligibility:

- 1) Applicants who started to work in the proposed host institution or host country prior to 1 April 2019 are not eligible.
- 2) Applicants who on April 1, 2020 (which is the earliest possible fellowship start date) have spent more than 12 months (consecutive or not) in the proposed host country are not eligible to apply. The combined duration of all research-related stays in the host country (e.g. research positions, collaborations, internships, Master/PhD work, time spent either as a visiting scientist or as a technician, etc...) is taken into account.
- 3) Applicants who on April 1, 2020 have spent more than 12 months (consecutive or not) with their proposed host supervisor are not eligible to apply, even in case the host supervisor relocated to another country.

Note that by the time of activation of the fellowship, the awardee must not have been working for more than 12 months in the host lab or host country.

- 4) Applicants cannot propose to return to an institution where they have worked in the past unless they plan to pursue a completely different project.
- 5) Applicants cannot propose to work with:
 - former scientific collaborators;
 - former research supervisors;
 - any other scientist with whom the applicant has worked or published.
- 6) Applicants cannot propose to take up the HFSP fellowship in the country where they obtained their PhD, even if the applicant is not a national of that country.
- 7) Applications to move from one laboratory to another in the same country are not eligible.
- 8) A candidate cannot apply to go to the country of which he/she is a national, even if pre- or post-doctoral studies were completed abroad or the PhD was obtained in another country. Candidates with dual nationalities are allowed to apply to work in a research institution in one of the countries for which they have a dual nationality provided they have never lived or studied in this country or they have left this country during their early childhood. In such cases applicants need to contact the Fellowship Office and claim an exemption.
- 9) Applications to work in a for-profit research environment are not eligible.
- 10) An applicant cannot submit more than one HFSP fellowship application in a competition year.
- 11) Former Long-Term or Cross-Disciplinary Fellowship awardees cannot apply for a second HFSP fellowship.
- 12) Host supervisors can endorse only one application (LTF or CDF) per competition. The proposed host supervisor may, however, concurrently mentor HFSP fellows from previous award years, and/or be part of an HFSP Research Grant team (Program Grant or Young Investigator Grant).

If you have queries about any of these ineligibility criteria, please contact the Fellowship Office at fellow@hfsp.org.

III. APPLICATION PROCESS

<u>Note</u>: Before submitting an application, please check with your proposed host institution whether it is willing to accept an HFSP award.

There is one competition per year for HFSP fellowships. The deadline for password registration and initiation of the online application is **August 8, 2019**.

The deadline for submitting applications is **August 22, 2019** at 1.00 p.m. applicant's local time.

Applications must be submitted via the HFSPO website, which will open in July 2019 at https://extranet.hfsp.org.

Only the online application form is required at the time of application, no further documents (acceptance of host institution, signatures, etc.) are requested or accepted at this stage.

Applicants may update their publication list via the HFSPO website until **November 30, 2019**.

IV. REVIEW PROCESS

There are three steps in the review process: eligibility assessment, expert review, and evaluation by the members of the HFSP fellowship review committee.

Please note that we are unable to provide detailed feedback to unsuccessful applicants.

Eligibility assessment

All proposals are screened for formal eligibility by HFSPO staff. Again, if you have queries about eligibility criteria, please contact the Fellowship Office prior to submitting your application. In addition to screening for formal eligibility, if there are concerns over the alignment of the proposed research with the scientific scope of the HFSP fellowship program, the application is reviewed by the three scientific directors of HFSPO as well as several review committee members. Any application that does not meet the key requirements outlined in the guidelines will not be sent for expert review and the applicant will be informed.

Expert review

Eligible applications are evaluated by two review committee members who assign ratings based on the following criteria:

- <u>Excellence of the applicant</u>: the accomplishments and potential of the candidate relative to previous and current opportunities in terms of career stage and field of research; scientific leadership potential of the applicant based on their motivation, goals and achievements.
- <u>Excellence of the proposed research</u>: the training potential of the fellowship based on the scientific originality and innovative character of the research proposal; intellectual contribution of the applicant to the proposed research project; a clear departure from the previous research is necessary.
- <u>Excellence of the host lab and environment</u>: the quality of the host and the host environment; access to infrastructure and collaborators; track record of the host supervisor, based on career stage.

HFSPO does not impose a weighting among the individual selection criteria listed above. The reviewers determine the overall rating for each application based on the indicators listed on page 7.

Review committee evaluation

Initially, each proposal is read by two review committee members who provide an **overall rating** (A/B/C/D) that combines the excellence of the applicant, project and host laboratory as well as brief written comments. This way, each proposal receives a two-letter rating (eg. A-B, B-B) and two sets of comments. In cases in which the two reviewers differ substantially in their assessment, the proposal is assigned to an additional (third) reviewer.

The highest rated applications (roughly 20% of all proposals) are shortlisted for discussion during a 3-day review committee meeting. Before this meeting, the shortlisted proposals are read by the original reviewers again who now rate the applicant, the project, and the host laboratory separately according to the scheme below (A=outstanding, B=excellent, C=accomplished, D=less competitive). Each proposal is now referred to by a three-letter component rating by each reviewer (e.g. A-C-A, B-A-C).

During the review committee meeting, each shortlisted proposal is discussed, and each of the two (or three) original reviewers defends or revises their component rating. The component ratings are used as a basis for suggesting a numerical score between 0 and 10. Based on the discussions during the committee meeting, each committee member provides a numerical score from which an average score for each proposal is calculated, to generate a ranked list of proposals recommended for funding.

The list of successful candidates will be published on the HFSPO website in early April 2020. The application and selection processes are confidential, and neither the discussions of applications during the review committee meeting nor the information in applications are released. Unsuccessful candidates can apply more than once, provided they still meet all eligibility criteria.

Indicators used by review committee members:

Excellence of the app	olicant							
Outstanding	 Exceptional productivity and impact from PhD work Extremely supportive referee letters Articulate and mature approach to career goals 							
Excellent	 Excellent productivity and strong impact from PhD work Strongly supportive letters Articulate and mature approach to career goals 							
Accomplished	 Good but not remarkable productivity Supportive referee letters Strong/reasonable approach to career goals 							
Less competitive	 Uncompetitive productivity Moderately supportive or generic referee letters Weak/unaddressed career goals with minimal or lack of planning 							
Excellence of the pro	posed research							
Outstanding	 Highly innovative, original, ground-breaking approach, some risk For projects in an established field: challenges existing paradigms Addresses an important new problem or a barrier to progress in an established field 							
	 Proposed and written by the applicant Significant departure from previous research 							
Excellent	 Likely to yield important results, novel approach Somewhat of a host lab project Moderate degree of change in research direction 							
Accomplished	 Routine/incremental approach but quality science, little innovation Poorly articulated project/largely a host lab project Minimal change in direction 							
Less competitive	 Routine science, uninteresting problem/scientifically flawed Entirely a host lab project Minimal change in direction 							
Excellence of the hos	t lab and environment							
Outstanding	 Stellar established lab/new lab with outstanding promise Excellent infrastructure and collaborators Strongly enthusiastic host letter of support, likely strong mentorship 							
Excellent	 Excellent established lab/new lab with clear promise Excellent/appropriate infrastructure and strong collaborators Strong host letter of support, likely strong mentorship 							
Accomplished	 Very good lab, strong scientific output Adequate infrastructure and necessary collaborations in place Strong to moderate host letter of support, some mentorship 							
Less competitive	 Not internationally competitive/insufficiently established new lab Inadequate infrastructure, lack of required collaborators Generic/unenthusiastic host letter of support, little mentorship 							

V. AWARD CONDITIONS AND FINANCIAL SUPPORT

The HFSP postdoctoral fellowship can be held for up to 3 years, with no possibility for renewal.

Fellows must begin their fellowship between **April 1, 2020** and **January 1, 2021**. At the start of the fellowship, the fellow must not have been working for more than 12 months in the host institution/host country.

Fellows cannot concurrently hold a LTF or CDF and another paid fellowship or employment position (i.e. salary support) from another organization. The host institution is allowed to supplement the awardee's salary and/or research and travel costs. HFSPO fellows must devote themselves entirely to their research project in the host institution and may not engage in any other paid activity without prior agreement of HFSPO.

Fellows may interrupt HFSPO support after the second year, for up to two years, while continuing postdoctoral work funded through other sources (deferral period). During the deferral period fellows must remain in the same host laboratory with the same supervisor; they cannot use this period to carry out research in another laboratory. Host supervisors must provide financial support during the deferral or fellows can have another fellowship. At the end of the deferral period, the fellowship may be reactivated in 1) the same host laboratory; 2) the fellow's home country; 3) the fellow's spouse's/partner's home country; or 4) another HFSPO member country.

All fellows (with or without deferral) can either use the third fellowship year to continue work in the host laboratory, to return to their or their spouse's/partner's home country, or to move to another HFSPO member country.

Generally, it is not possible to change the host supervisor, the research project, or to transfer the fellowship to another institution, except for the third year of the fellowship. Any unauthorized change may lead to the immediate termination of the award. This is because fellowship applications are assessed based on both the proposed research project as well as the proposed host laboratory. Only under exceptional circumstances may changes be made after the award has been offered, pending re-evaluation by the HFSPO Secretariat and/or the Review Committee. Fellows who are planning to change or transfer the fellowship must contact the Fellowship Office before making any decision.

Award management

The fellowship funds - including the monthly disbursement of the living allowance - must be administered through the host institution.

HFSP fellowships do not provide additional funds beyond the stated allowances to cover health insurance costs or other benefits. If required, the host institution may designate the HFSP fellowship living allowance as the fellows' gross salary and thus establish an institutional employment contract which allows deductions for social security or health insurance premiums (employee's charges only). The host may supplement the fellowship to match the salary level required by the institution. Institutional overheads, bench fees or indirect costs cannot be deducted from any of the fellowship allowances.

HFSPO has supported fellows from over 60 different nationalities working in over 20 different host countries, and it is not possible to stay abreast of changes in taxation laws in all these countries. The Fellowship Office is not able to answer any questions regarding tax liability; **each fellow is responsible for determining his/her own tax liability status in the host/home countries** by contacting the appropriate authorities.

Fellowship allowances

Living allowance

The living allowance represents a subsistence allowance and is meant to cover the cost of living expenses during the fellowship. The value of the allowance is based on the country in which the fellowship is carried out. Should the fellow repatriate to the home country or transfer the fellowship to another HFSPO member country in the final year of the fellowship, the rate of the new country will be applied.

Child allowance

HFSP fellows with children are entitled to receive an annual child allowance. The allowance is paid per child and corresponds to about 10% of the first year living allowance. Should the fellow receive a child allowance from another source, this amount will be deducted from the HFSP child allowance.

Parental leave allowance

HFSP fellows may apply for up to 3 months of paid parental leave during the course of their fellowship. The parental leave must be taken within 6 months after the birth of the child. The leave only applies for children born during the period of the fellowship. The fellowship will be extended for the same duration as the parental leave.

Paid parental leave cannot be granted during a deferral period. If both parents are HFSP fellows, each parent is entitled to receive up to 3 months paid parental leave during the course of the fellowship. Additional time necessary for child care beyond the 3 months paid leave will count as an interruption of the fellowship (without HFSPO support).

Fellows should inform the Fellowship Office and their host supervisors/host institutions of their intention of taking a parental leave prior to the interruption.

Research and travel allowance

The research and travel allowance is intended as a small grant to the fellow. This part of the stipend should be administered as an institutional expense account. Fellows and host institutions are accountable regarding the use of this allowance; any unspent funds must be returned to HFSPO.

The funds may be used to attend scientific meetings and for travel costs associated with working with collaborators in different institutions. Travel expenses should be accounted for on the basis of accrued costs and not on per diem rates.

The allowance may also be used to purchase a computer, research equipment, supplies and other items required by the fellow for the research project. Any research equipment purchased using the research and travel funds remains the property of the host institution at the end of the fellowship, except as otherwise agreed upon by the host institution.

The funds do not need to be spent in the award year; all unused funds are automatically carried over to the following year. A negative balance can also be carried over.

Expenses paid out of the research and travel allowance are only allowed while the fellowship is active, and not before the award is activated or during a deferral period. The only exceptions are for expenses in relation to an HFSP awardees meeting when this takes place during a deferral period, or expenses incurred during a no-cost extension at the end of a fellowship.

Relocation allowance

The relocation allowance is a fixed amount that serves as a contribution towards the costs of moving the fellow and his/her family members to and from the host country. The funds can be used, for example, to pay for flight tickets, to ship personal belongings, as a security deposit to rent an apartment, etc.

The relocation allowance can be paid directly to the fellow and does not have to be accounted for in a financial report. The host institution cannot deduct fees from the allowance.

Once a fellow requests and qualifies for the relocation allowance, it is paid to the fellow in full and no receipts are required.

Fellows are eligible for the allowance under the following circumstances:

- <u>Move to the host laboratory at the start of the fellowship:</u> fellows qualify to receive the relocation allowance only if they move to the host institution no more than 3 months prior to the date the fellowship is activated.
- Move to another country in the third year.
- <u>Move after the termination of the fellowship:</u> fellows who remain at the host institution after the completion of the fellowship have six months in which they may request the relocation allowance. The allowance must be requested by the fellow when submitting the final scientific and financial reports. The Fellowship Office will pay the relocation allowance only after both reports have been approved.

The relocation allowance is only granted if the fellow does not receive other funds to cover the expenses described above. The fellow is required to formally state that this condition is fulfilled before receiving the relocation allowance.

	то:								
FROM:	West USA/Canada	East USA/Canada	Europe	Middle- East	Asia	Oceania	Africa	Central & South America	
West USA/Canada	1,500	1,500	3,000	3,000	2,000	2,000	2,000	1,500	
East USA/Canada	1,500	1,500	2,000	2,000	2,500	2,500	1,500	1,500	
Europe	3,000	2,000	1,000	1,000	4,000	4,000	1,000	3,000	
Middle-East	3,000	2,000	1,000	•	3,800	3,800	1,600	3,000	
Asia	2,000	2,500	4,000	3,800	1,500	2,200	3,000	2,500	
Oceania	2,000	2,500	4,000	3,800	2,200	1,500	4,000	2,000	
Africa	2,000	1,500	1,000	1,600	3,000	4,000	•	3,000	
Central and South America	1,500	1,500	3,000	3,000	2,500	2,000	3,000	•	

2020 Relocation allowance (in USD)

• Relocation allowances from/to other areas will be calculated on a case-by-case basis.

Fellows, their spouses/partners and their children are all eligible to receive the relocation allowance according to the following calculation:

Spouse/partner:same allowanceChild 2-12 years:50% of allowanceChild under 2 years:10% of allowance

HFSP Long-Term and Cross-Disciplinary Fellowships 2020

Country	Curr.	Living Year 1	Living Year 2	Living Year 3	Annual research and travel allowance	Annual child allowance (per child)
Argentina	ARS	354,000	372,000	387,000	54,000	35,400
Australia	AUD	64,800	67,800	70,800	7,500	6,480
Austria	EUR	41,700	43,620	45,540	4,500	4,140
Belgium	EUR	41,700	43,620	45,540	4,500	4,140
Brazil	BRL	90,000	94,200	98,400	14,160	9,000
Canada	CAD	49,800	52,320	54,720	6,000	5,820
Chile	CLP	15,000,000	15,750,000	16,500,000	2,613,600	2,532,000
China	CNY	220,200	225,000	229,800	45,600	22,020
Denmark	DKK	370,440	387,600	404,880	42,720	37,044
Finland	EUR	49,200	51,540	53,880	4,500	6,000
France	EUR	40,200	42,000	43,800	4,500	4,200
Germany	EUR	40,200	42,000	43,800	4,500	4,200
Greece	EUR	30,300	31,680	33,000	4,500	3,060
Hungary	HUF	6,048,000	6,324,000	6,601,200	680,400	604,800
India	INR	1,368,000	1,431,000	1,494,000	220,500	136,800
Ireland	EUR	42,360	44,340	46,320	4,500	4,236
Israel	ILS	154,320	161,400	168,480	24,720	15,420
Italy	EUR	36,000	37,560	39,120	4,500	3,600
Japan	JPY	6,431,520	6,732,900	7,034,160	642,000	624,000
Korea	KRW	33,000,000	34,500,000	36,000,000	5,580,000	3,300,000
Luxembourg	EUR	41,760	43,680	45,600	4,500	4,176
Mexico	MXN	289,800	303,000	316,200	54,000	28,980
The Netherlands	EUR	41,700	43,620	45,540	4,500	4,140
New Zealand	NZD	78,600	82,800	86,400	9,000	7,860
Norway	NOK	402,000	420,000	438,000	46,500	40,200
Poland	PLN	103,740	108,480	113,160	20,160	10,380
Portugal	EUR	29,400	30,720	32,040	4,500	2,940
Singapore	SGD	65,100	67,500	70,200	6,840	6,540
Spain	EUR	34,200	35,760	37,320	4,500	3,420
Sweden	SEK	457,200	478,800	500,160	52,500	45,720
Switzerland	CHF	76,800	80,400	84,000	6,744	7,680
UK	GBP	27,000	28,260	29,520	3,000	2,700
USA	USD	46,800	48,720	50,700	4,920	4,680

2020 Living, research & travel and child allowances (in local currency)

The HFSPO reserves the right to review the fellowship stipend levels.

Please contact the Fellowship Office for information concerning the amounts of allowances in other countries.

VI. PUBLICATION AND INTELLECTUAL PROPERTY RIGHTS

Results of research funded by HFSPO must be published in internationally recognized scientific journals and/or on pre-print servers. **An acknowledgement of support by the Human Frontier Science Program Organization** must be included in any publication resulting from work carried out under the fellowship, including abstracts presented at conferences (e.g. "The work of Dr. "Fellow" was supported by a postdoctoral fellowship from the Human Frontier Science Program Organization") and must include the HFSP reference number (LTO0XXXX/YYYY-L or -C).

Details on HFSPO's open access policy are available here.

HFSPO will not assert any claim to intellectual and industrial property rights. When a collaborative program is conducted between laboratories in different countries, agreement on the ownership of such rights, or on the distribution of income derived from them, will be negotiated between the collaborating laboratories/institutions. HFSPO will not claim any intellectual or commercial property rights that may be generated through the research it sponsors, nor will it become involved in any disputes which may arise about the ownership of such rights.

VII. BIOETHICAL CONSIDERATIONS AND GOOD SCIENTIFIC PRACTICE

HFSPO requires that the awardee(s) observe the highest ethical standards in conducting all research sponsored by the Organization. In accepting an award from HFSPO, awardees and host supervisors agree to conform strictly to the codes of practice, regulations and laws which govern the ethical conduct of scientific research in the host laboratory/institution and are responsible if any of these regulations are infringed. The awardee and host supervisor agree to only undertake joint research with scientists in countries with experimental procedures which are acceptable to the awardees' host laboratory/institution.

Examples of good scientific practice are available <u>here</u>.

VIII. LIABILITY FOR DAMAGE

HFSPO will assume no responsibility for any damage or injury to awardees in connection with research conducted under the HFSP Long-Term or Cross-Disciplinary Fellowship. In accepting a fellowship award from HFSPO, awardees release HFSPO of all liability for any damage or injuries which may occur while carrying out the funded research project.

IX. SCIENTIFIC MISCONDUCT RELATED TO FELLOWSHIP APPLICATIONS

We expect that applicants adhere to the most stringent international criteria of appropriate scientific conduct. Details on HFSPO's policy on scientific misconduct are available <u>here</u>.

Scientific misconduct means data fabrication, falsification, plagiarism, or any other practice that seriously deviates from those commonly accepted within the scientific community in research proposals submitted to HFSPO.

X. PROTECTION OF PERSONAL DATA

Use of private data of HFSP applicants and awardees

HFSPO is committed to safeguarding your personal information in accordance with the Directive 95/46/EC of the European Parliament and of the European Council of 24 October 1995 on the protection of individuals with regard to the processing of personal data and on the free movement of such data.

The <u>HFSPO Privacy Policy</u> explains how, and on what legal basis, we collect, store, and use personal information about you as an applicant for the HFSP Fellowship program or as any other person that interacts with our Organization.

The HFSPO Privacy Policy also explains how we collect, store and use personal information in connection with HFSP awards.

Use of private data in your research

In case your HFSP funded research project involves the collection/processing of sensitive personal data (e.g.: health, sexual lifestyle, ethnicity, political opinion, religious or philosophical conviction, etc.) or genetic information, please justify the need for their collection, discuss the possible ethical implications and how you will address them in the appropriate section of the HFSP Fellowship proposal.

In case your research involves observation of participants, please state whether any video or photo will be used publicly and describe the methods you will use to guarantee the privacy of the participants, including the informed consent provisions (if applicable). In case you are planning to use existing data, please specify if these originate from any available sources, and whether the use of the data has been authorized for secondary use (by the primary owner of the data who must also confirm that the informed consent included the possibility of a secondary use of data).