

EU Grants and Fellowships for Post-docs





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Regional Cluster Bavaria

The Regional Cluster Bavaria includes the MPIs for:

- Astrophysics
- Extraterrestrial Physics
- Foreign and International Social Law
- Intellectual Property, Competition and Tax Law
- Neurobiology
- Ornithology
- Physics
- Psychiatry
- Quantum Optics

EU-Bůro* Regionalcluster Bayern der Max-Planck-Gesellschaft

EU-Office tasks

- Information about contents of programs, funding schemes and application procedures
- Analysis of your project idea find the right fundig scheme
- Assistance with proposal preparation
- Proposal check
- Support in project management
- Cooperation with NCPs, GA of the MPG, KOWI and the EC
- All relevant calls and news via Email
- Newsletter
- Organisation of events and workshops Advice in four languages: English, German, French, Spanish



Presentation - structure



Part I: FP7 – overview

Part II: Marie Curie Actions

I. Marie Curie Actions – Introduction

II. Marie Curie Fellowships

III. Marie Curie Grants

IV. Marie Curie Actions – Application and evaluation

Part III: ERC Starting Grant

I. European Research Council – Introduction

II. ERC Starting Independent Researcher Grant



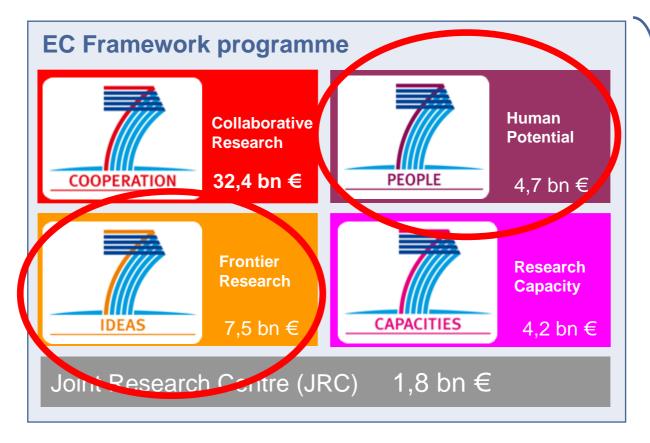






FP7 Structure





Total 53,3 bn €

EURATOM Framework programme

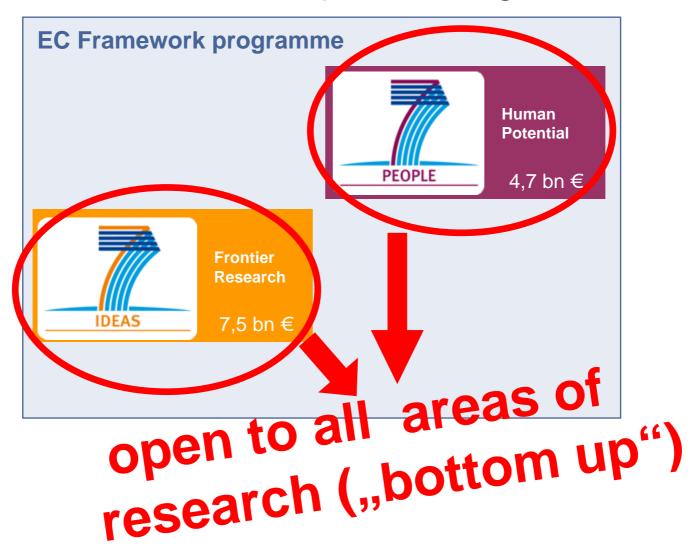


2,7 bn € (for 5 years)



Grants and fellowships in FP7 Specific Programmes







Grants and Fellowships Specific Programme PEOPLE





Specific Programme PEOPLE = Marie Curie Actions



EU-Bůro** Regionalcluster Bayern der Max-Planck-Gesellschaft

Objectives





Overall strategic objective:

Make Europe more attractive for researchers.

"[The specific programme PEOPLE] aims to strengthen, quantitatively and qualitatively, the human potential in research and technology in Europe, by stimulating people to take up the profession of a researcher, encouraging European researchers to stay in Europe, and attracting to Europe the best researchers from the entire world."

(PEOPLE work programme 2009, p. 3)



Concept of research experience





Early-stage researchers:

 are in the first four years (FTE) of their research careers (starting at the date of obtaining a degree which would formally entitle them to embark on a doctorate)

Experienced researchers:

 are in possession of a doctoral degree, independently of the time taken to acquire it

OR

have <u>at least</u> four years (FTE) research experience



Mobility rule

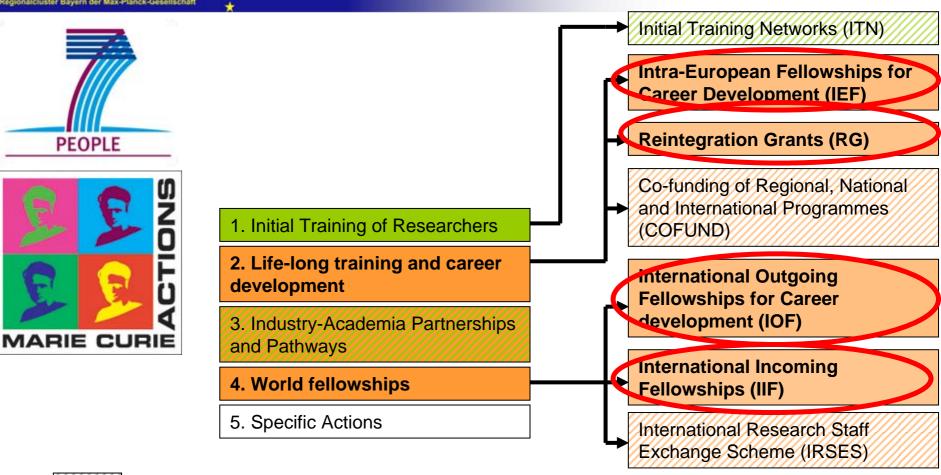


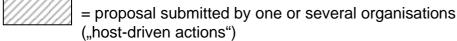


"At the time of the relevant deadline for submission of proposals, [...] researchers must not have resided or carried out their main activity (work, studies, etc) in the country of their host organisation for more than 12 mon such as EMBL in Heidelberg prior to the reference date. Short stays, such as holidays, are not taken into account. As far as international European interest organisations or international organisations are concerned, this rule does not apply to the hosting of eligible researchers, however the appointed researcher must not have spent more than 12 months in the 3 years immediately prior to the reference deadline for submission of proposals [...], in the same appointing organisation."



Activities and funding schemes





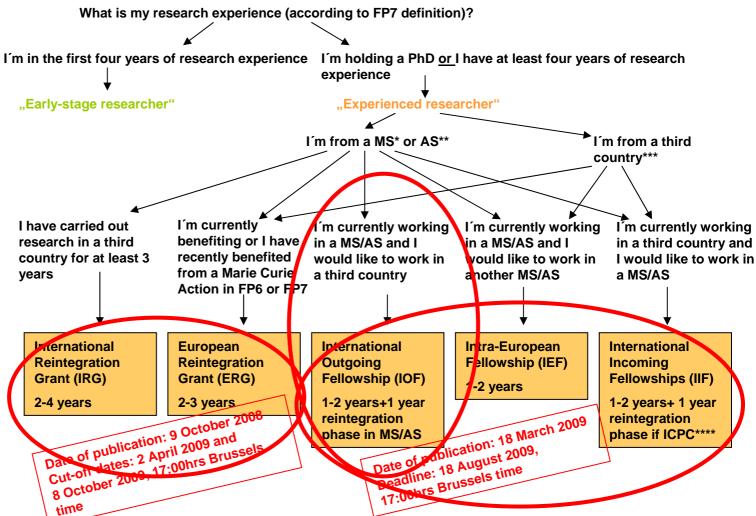
= proposal submitted by an individual researcher in conjunction with the host organisation ("researcher-driven actions")



Individual grants and fellowships







^{*}EU Member State

^{**}Associated countries to FP7 (Croatia, FYR Macedonia, Iceland, Israel, Liechtenstein, Norway, Serbia, Switzerland, Turkey, 14 Albania and Montenegro)

^{***}countries which are neither EU Member States nor Associated countries

^{****} International Cooperation Partner Countries (cf. PEOPLE work programme, Annex 1)



International Outgoing Fellowship (IOF)





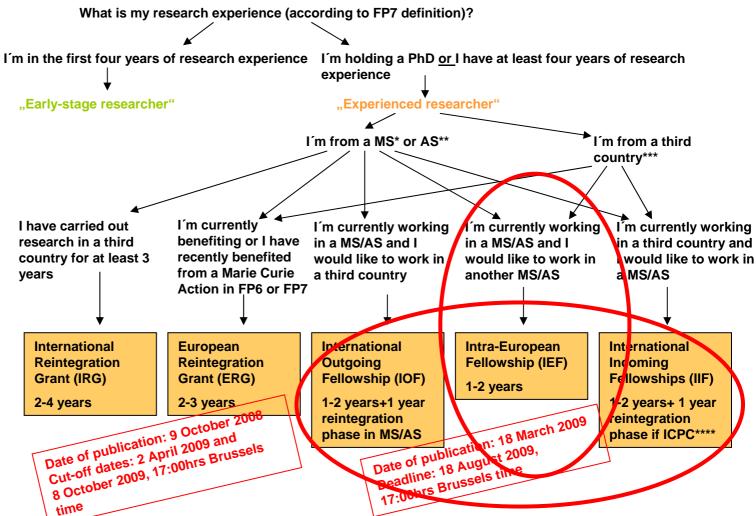
- Objective: new research competences and contact network acquired in a third country help advance the research career in Europe towards professional maturity and independence
- 1-2 years research stay in third country and mandatory reintegration phase in MS or AS of 1 year
- Individual applies together with the host institution (return host)
- the research project should be coherent for the total duration of the fellowship (outgoing and reintegration phase)



Individual grants and fellowships







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Intra-European Fellowship (IEF)





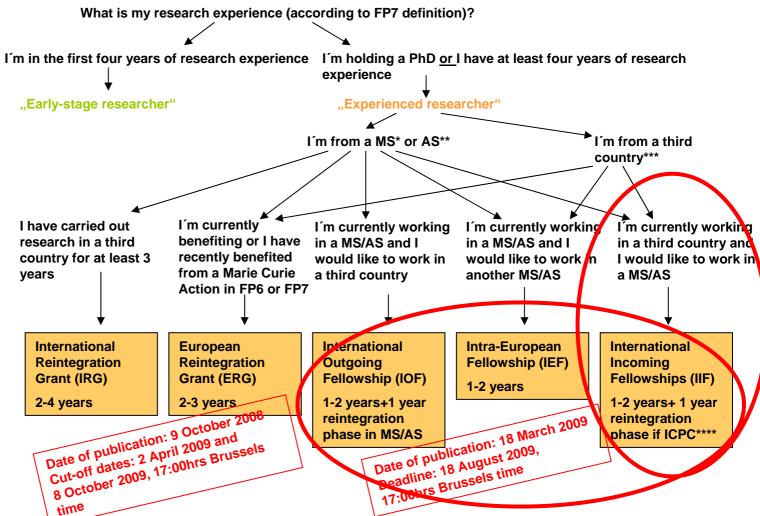
- Objective: career development through competence diversification to reach and/or to reinforce a position of professional maturity/independence or to resume a research career after a break
- 1-2 years research stay in another MS or AS
- Individual applies together with the host institution
- the research project should help to significantly advance the career and should not represent a temporary solution



Individual grants and fellowships







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International Incoming Fellowship (IIF)





- Objective: encourage researchers who have been working in third countries to work in research projects in Europe, with the view to sharing knowledge and developing mutually beneficial research cooperations
- Individual applies together with the host institution
- possible return phase for researchers from ICPC countries: support for the application of the acquired knowledge in the country of origin



Fellowships – funding (IEF)





- Monthly living allowance * country correction coefficient
- 2. Monthly mobility allowance * country correction coefficient
- 3. Travel allowance
- 4. Career exploratory allowance
- 5. Contribution to the participation expenses of eligible researchers
- (Management activities + overheads) * country correction coefficient



Fellowships – calls for proposals





Intra-European Fellowship (IEF), International Incoming Fellowship (IIF), International Outgoing Fellowship (IOF)

Calls are published yearly

Publication of next call: 18 March 2009

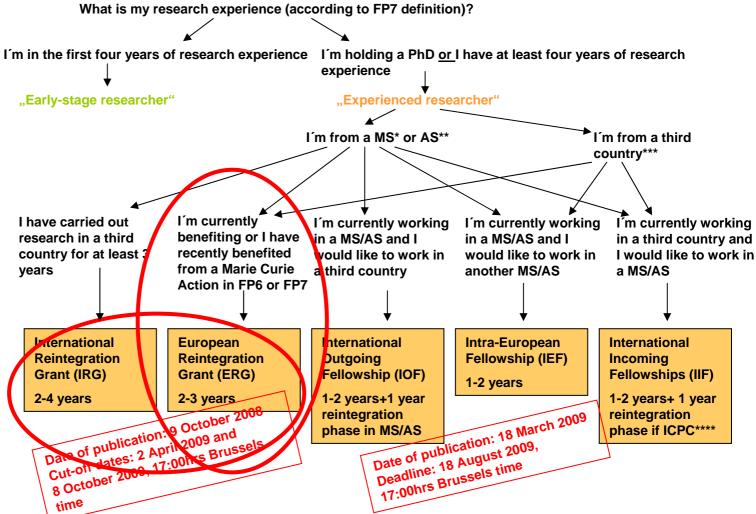
Deadline: 18 August 2009, 17:00:00 Brussels time



Individual grants and fellowships







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European Reintegration Grant (ERG)



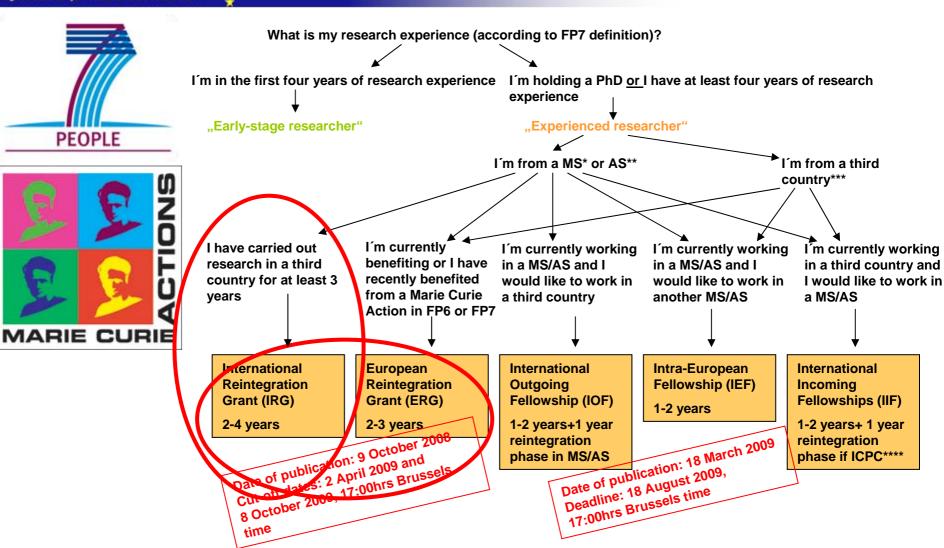


- Objective: (re)integration into a research career after a trans-national mobility experience; long-term employment in research
- duration of initial Marie Curie Action*: at least 18 months
- apply at the earliest 1 year before and not later than 6 months after the end of the initial Marie Curie Action; project must start at the latest 12 months after the end of the initial fellowship
- funding: fixed-amount contribution to the employment and/or research costs of 15.000 EUR/year

*eligible Marie Curie Actions: FP6: RTN, EST, ToK, EIF; FP7: ITN, IEF, IAPP



Individual grants and fellowships



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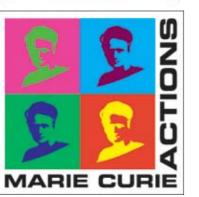
^{***}countries which are neither EU Member States nor Associated countries

^{****} International Cooperation Partner Countries (cf. PEOPLE work programme, Annex 1)



International Reintegration Grant (IRG)





- Objective: encourage European researchers to reintegrate into a research career in Europe (including home country), reinforce cooperation with third countries
- Individual applies together with the host institution
- funding: fixed-amount contribution to the employment and/or research costs of 25.000 EUR/year



Reintegration Grants – closure dates





European Reintegration Grant (ERG)
International Reintegration Grant (IRG)

Calls are published yearly

Closure dates: 2 April 2009, 17:00:00 Brussels time

+ 8 October 2009, 17:00:00 Brussels time



Application (IEF)

The Marie Curie Action

Guide for Applicants for Intra-European Fellowships for Career Development FP7-PEOPLE-IEF-2008

B1 SCIENTIFIC AND TECHNOLOGICAL QUALITY (maximum 8 pages)

Scientific and technological Quality, including any interdisciplinary and multidisciplinary aspects of the proposal

Outline the research objectives against the background of the state of the art, and the results hoped for. Give a clear description of the state-of-the-art of the research topic. Describe the scientific, technological or socio-economic reasons for carrying out further research in the field covered by the project. If relevant, provide information on interdisciplinary / multidisciplinary and/or inter-sectorial aspects of the proposal.

Research methodology

For each objective explain the methodological approach that will be employed in the project and justify it in relation to the overall project objectives. When any novel methods or techniques are proposed, explain their advantages and disadvantages.

Originality and innovative nature of the project, and relationship to the 'state of the art' of research in the field

Explain the contribution that the project is expected to make to advance the state-of-the-art within the project field. Describe any novel concepts, approaches or methods that will be employed.

Timeliness and relevance of the project

Describe the appropriateness of the research proposed against the state of the art and outline the benefit that will be gained from undertaking the project at Community level and how the fellowship will contribute to enhance EU scientific excellence and reintegrate the researcher.

Host scientific expertise in the field

The host institution must explain its level of experience on the research topic proposed and document its track record of work, including all international collaborations. Information provided should include participation in projects, publications, patents and any other relevant results. Similar information should be provided for the *scientist in charge* of the supervision of the project. Where relevant, show that any gender issues associated to the proposal have been adequately taken into account.

Quality of the group/supervisors

The host institution must demonstrate its track record of previous training achievements especially at an advanced level within the field of research.

B2 TRAINING (maximum 2 pages)

Clarity and quality of the research training objectives for the researcher

Explain in detail which will be the training objectives of the proposal and how these can be beneficial for the development of an independent research career.

Relevance and quality of additional scientific training as well as of complementary skills offered

How will the training provided contribute to adding different/complementary scientific competencies to the career of the fellow. Outline complementary training and skills expected during the execution of the project (such as research management, presentation skills, ethics, etc.).

The Marie Curie Action

Guide for Applicants for Intra-European Fellowships for Career Development
FP7-PEOPLE-IEF-2008

Host expertise in training experienced researchers in the field and capacity to provide mentoring/tutoring

Give a short outline of the host's expertise in mentoring/tutoring researchers

B3 RESEARCHER (maximum 7 pages which includes a CV and a list of main achievements)

Research experience

The applicant must present a comprehensive description of his/her research experience.

A scientific/professional CV must be provided and should mention explicitly:

- academic achievements
- list of other professional activities
- any other relevant information

Research results

Outline the major achievements of the researcher. These may also include results in the form of funded projects, publications, patents, reports, invited participation in conferences etc., taking into account the level of experience. To help the expert evaluators better understand the level of skills and experience it is advisable to write a short description (250 words) of maximum three of the major accomplishments mentioning the purpose, results, skills acquired, derived applications etc.

Independent thinking and leadership qualities

Describe the activities that reflect initiative, independent thinking, project management skills and leadership since these are qualities that will be taken into account in the evaluation. Outline the potential for future development of the applicant.

Match between the fellow's profile and project

Show that the applicant's skills and experience are suitable for the project proposed.

Potential for reaching a position of professional maturity

Describe which measures are foreseen to help the researcher to reach professional maturity.

Potential to acquire new knowledge

Describe the researcher's ability to acquire new knowledge and skills.

B4 IMPLEMENTATION (maximum 6 pages)

Quality of infrastructures/facilities and international collaborations of host

The host institution needs to specify the available infrastructures and whether these can respond to the needs set by the execution of the project. The host institution should further demonstrate its participation in international collaborations

Practical arrangements for the implementation and management of the project

The applicant and the host institution must be able to provide information on how the implementation and management of the fellowship will be achieved. The experts will be examining the practical arrangements that can have an impact on the feasibility and credibility of the project.

Feasibility and credibility of the project, including work plan

Provide a work plan that includes the goals that can help assess the progress of the project. Where appropriate, describe the approach to be taken regarding the intellectual property that may arise from the research project.

Practical and administrative arrangements and support for the hosting of the fellow

Describe what practical arrangements are in place to host a researcher coming from another country. What support will be given to him/her to settle into their new host country (in terms of

Edition March 2008 60 Edition March 2008 61



Submission of fellowship/grant





- go to http://cordis.europa.eu/fp7/dc/index.cfm for all relevant documents (work programme, Guide for Applicants)
- use of web-based tool EPSS mandatory
- submit well before the deadline (17hrs Brussels time)!!



Evaluation of fellowship (IEF)





- criteria depend on the funding scheme and are linked to its objectives
- scores: 0 (fails) 5 (excellent)

IEF criteria and their weightings + thresholds:

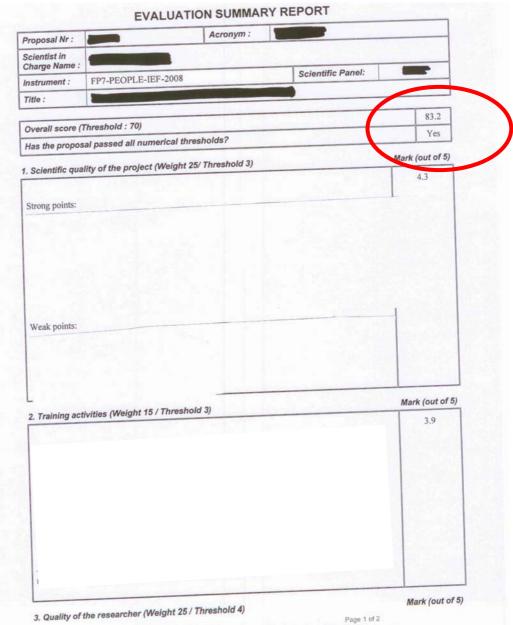
- S & T quality: weighting: 25%, threshold: 3
- **Training**: weighting: 15%, threshold: 3
- Researcher: weighting: 25%, threshold: 4
- Implementation: weighting: 15%
- Impact: weighting: 20%







Evaluation Summary Report (IEF)





IEF – timeline last call (2008)





Publication of call: 19 March 2008

Deadline: 19 August 2008

Evaluation of proposals: 6-24 October 2008

Evaluation summary report (ESR) sent to proposal coordinators ("initial information letter"): end of November 2008

⇒ check http://cordis.europa.eu/fp7/dc/index.cfm

Invitation letter to successful coordinators: around 19 December

Contract negotiations ("NEF"): January 2009

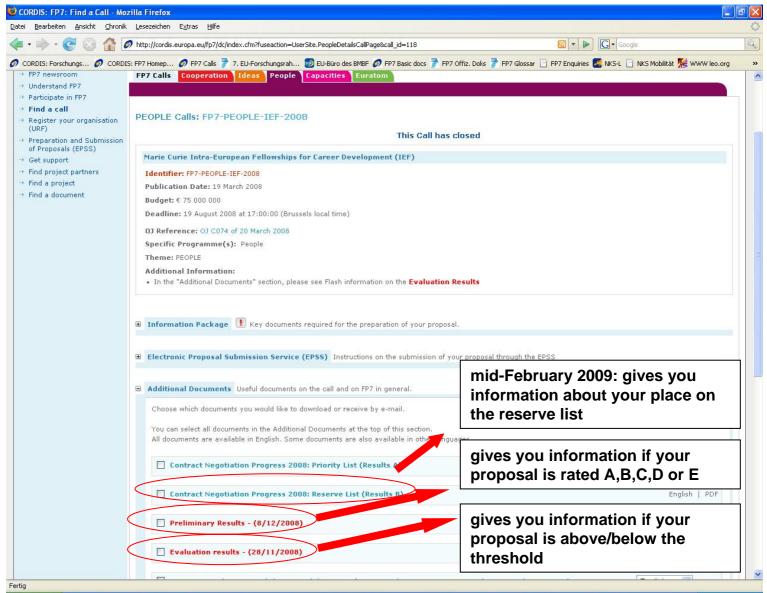
Earliest start of projects: 1 March 2009



Information on CORDIS (IEF)







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IEF - Reserve list on CORDIS





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LIF	-	9	237		ORG-RYE	Reserve List
LIF	1	10	237		Healthtom	Reserve List
LIF	+-	11		055	PlVirNano	Reserve List
LIF	+-	12		028	PRESP	Reserve List
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LIF	+-	14		7447	Neuromitosis	Reserve List
	+-	15 23		7326	AvrBlb2 perception	Reserve List
LIF	+-	16 23		5448	NABAIDS	Reserve List Reserve List
LIF	+-	17	23	5859	Signaquorum	Reserve List
LIF	+	18	23	5428	DDD6ELIN	Reserve List
LIF	+	19	23	86601	COEVOLGENDUPPHOTSIGN	Withdrawn
LIF	+	20		36046	COEVOLGENDOFFTIG	Reserve List
LIF	\rightarrow	21		36615	LagOmic	Reserve List
LIF	\rightarrow			34937	Epigenetic profiling	Reserve List
LIF		22		37341	PROMevo	Reserve List
LIF		23		36698	INTEGRA-BIO	Reserve List
LIF		24		36251	LEafGROwthStress	Reserve List
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LIF		26		236400	PPINLPD	Reserve List
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	IF.	37	-	236801	Sterility Rescue	Reserve List
	.IF	38	-	237693	Sternity resource	Reserve List
	.IF	39	-	235203	Amphibian Bd SalmoFilm	Reserve List
	_IF	40	-	237825	Salmoriim	Reserve List
	_IF	40	-	235524	Superresolved mGluRs GENETOOLS	Reserve List
	LIF		-+	237135	GENETOOLS	Reserve List
	LIF	42	-+	235438	EMFLA	Reserve List
	LIF	43		236775	PRL1-NTC	Reserve List
	LIF	44		236693	REATIP	Reserve List
	LIF	45		237074	Blastocystis MLST	Reserve List
	LIF		_	235593	SPIRALWAVE09	Reserve List
	MAT			237509	N:GAGEMenT	Reserve List
	MAT	2		237509	Interface	Reserve List
	MAT		3	235659	GAUDAS	Reserve List
	MAT		4	235659	POT FRAME	Reserve List
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-	PHY		6	23567	RioFuS	Reserve List
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- The Specific Programme IDEAS is implemented by the European Research Council (ERC)
- European Research Council (ERC) is the first pan-European funding agency for Frontier Research

Frontier Research: a new understanding of basic research. Frontier research avoids distinctions between "basic" and "applied" research, between "science" and "technology" and between traditional disciplinary boundaries. Projects are "high-risk high-gain"



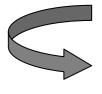
Objectives and funding schemes





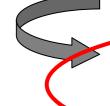
"Retain - Repatriate - Recruit"

- increase competition, recognition and international visibility for excellent individual scientists and scholars in Europe



ERC Advanced Investigator Grant: attract and reward established independent research leaders

 improve career opportunities and independence, especially for young researchers



ERC Starting Independent Researcher Grant: attract and retain the next generation of independent research leaders



ERC grants – Guiding Principles





- support of "Individual teams" (Principal Investigator her/his research team)
- all fields of research are eligible
- scientific excellence as the sole criterion for selection
- PI applies together with host institution
- host institution commits to conditions of independence for PI
- research project must be carried out in EU member state or Associated country
- "portability" of grants
- Grant covers 100% of total eligible costs + <20% for indirect costs



ERC Starting Grant





- funding of up to 2.000.000 EUR for a duration of up to 5 years
- calls are published once a year
- next call: to be published in summer 2009,
 with deadlines in autumn 2009
- current reapplication rule: "No PI who has submitted an eligible proposal to a Starting Grant call may apply to the next Starting Grant call, unless her/his proposal was evaluated above the quality threshold during the 2nd step but not funded due to insufficient available budget"



ERC StG – Am I eligible?





- researchers of any age, any nationality, residing in any country of the world at the time of application
- researcher must be at the stage at which s/he is starting or consolidating her/his own independent research team/programme
- PI must have been awarded his/her first PhD (or equivalent doctoral degree) at least 3 and less than 8 years prior to the publication date of the call for proposals (extensions possible for eligible career breaks)



ERC StG – Am I competitive?





- you must have already shown the potential for research independence and evidence of scientific maturity: at least one important publication without the participation of your PhD supervisor
- you must be able to demonstrate a promising track-record of early achievements (appropriate to your research field and career stage): significant publications (as main author) in major international peer-reviewed multidisciplinary scientific journals, or in the leading international peer-reviewed journals in your respective field, invited presentations in well-established international conferences, granted patents, awards, prizes etc.



ERC StG – How to apply





- go to http://cordis.europa.eu/fp7/dc/index.cfm for all relevant documents (work programme, Guide for Applicants)
- use of web-based tool EPSS mandatory
- submit well before the deadline (17hrs Brussels time)!!



ERC StG - Application

A – Information on the proposal, the PI (including her/his track record), the host, the budget

B – The Research proposal

Part B	Sections		Max. pages
Part B1	Section 1a	The Principal Investigator	2
		Curriculum Vitae	2
		Early achievements track record	2
	Section 1b	Extended Synopsis	5
Part B2	Section 2	Scientific Proposal	15 + Ethical issues
	Section 3	Research Environment	2

Always use the <u>latest version</u> of work programme and Guide for Applicants which are available once the call is published!!!

Supporting documentation: supporting statement from the host institution, PhD certificate, if applicable: documentary evidence to extend the "time window"



Websites

General information

Calls in FP7 on CORDIS

http://cordis.europa.eu/fp7/dc/index.cfm

German portal to FP7

www.forschungsrahmenprogramm.de

Koordinierungsstelle EG der Wissenschaftsorganisationen (KoWi)

www.kowi.de

EU-office of Federal Ministry of Education and Research

www.eubuero.de

Webseite Research of European Commission

http://ec.europa.eu/research/index.cfm

Mobility in Europe

Portal to Marie Curie Actions

http://ec.europa.eu/research/mariecurieactions/

EURAXESS-Portal

http://ec.europa.eu/euraxess/ EURAXESS Germany

http://www.eracareers-germany.de/portal/netzwerk_der_forscherberater.html German National Contact Point Mobility http://www.humboldt-foundation.de/web/3097.html

European Research Council

Website of ERC

http://erc.europa.eu/

ERC on CORDIS

http://cordis.europa.eu/fp7/ideas/home_en.html

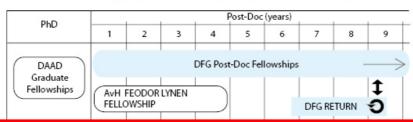
German National Contact Point ERC

http://www.eubuero.de/arbeitsbereiche/erc



Other funding opportunities

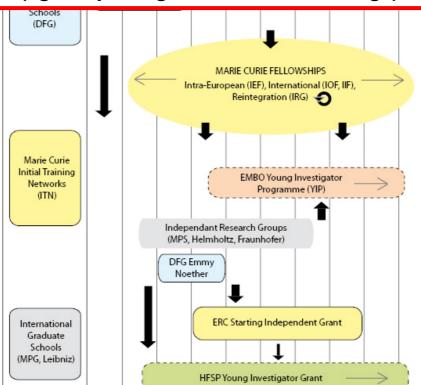
International funding opportunities for young researchers at a glance



More funding opportunities for young scientists and post-docs:

http://eu.tuebingen.mpg.de/young-scientists/funding-programmes

EU-funding opportunities...



...are just a few among many other funding sources!!



Thank you for your attention!

...Questions??