

## **Call title: HEALTH-2010-single-stage**

**Call identifier:** FP7-HEALTH-2010-single-stage

**Proposal submission and evaluation:** Single-stage procedure

**Date of publication:** 30 July 2009.

**Deadline:** 19 November 2009 at 17:00:00 (Brussels local time).<sup>1</sup>

**Indicative budget:** EUR 333.5 million from the 2010 budget<sup>2</sup>

*The budget for this call is indicative. The final budget awarded to actions implemented through calls for proposals may vary:*

- *The final budget of the call may vary by up to 10% of the total value of the indicated budget for each call; and*
- *Any repartition of the call budget may also vary by up to 10% of the total value of the indicated budget for the call.*

**Table 1**

<b>ACTIVITY/AREA</b>	<b>Indicative budget (EUR million)</b>
<b>1. BIOTECHNOLOGY, GENERIC TOOLS AND MEDICAL TECHNOLOGIES FOR HUMAN HEALTH</b>	
1.1. HIGH-THROUGHPUT RESEARCH	49
1.2 DETECTION, DIAGNOSIS AND MONITORING	
1.3 SUITABILITY, SAFETY, EFFICACY OF THERAPIES	
1.4 INNOVATIVE THERAPEUTIC APPROACHES AND INTERVENTIONS	
<b>2. TRANSLATING RESEARCH FOR HUMAN HEALTH</b>	
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2.2 RESEARCH ON THE BRAIN AND RELATED DISEASES, HUMAN DEVELOPMENT AND AGEING	0.5
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2.4. TRANSLATIONAL RESEARCH IN OTHER MAJOR DISEASES	112
<b>3. OPTIMISING THE DELIVERY OF HEALTHCARE TO EUROPEAN CITIZENS</b>	
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<b>4. OTHER ACTIONS ACROSS THE HEALTH THEME</b>	
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<b>4.2. RESPONDING TO EU POLICY NEEDS</b>	
4.2a	40
4.2b	8

<sup>1</sup> The Director-General responsible for this call may delay this deadline by up to two months.

<sup>2</sup> Under the condition that the preliminary draft budget for 2010 is adopted without modifications by the budgetary authority.

**Table 2: Topics called:**

Activity/Area	Topics called	Funding Schemes and particular requirements
<b>1. BIOTECHNOLOGY, GENERIC TOOLS AND MEDICAL TECHNOLOGIES FOR HUMAN HEALTH</b>		
<b>1.1 HIGH-THROUGHPUT RESEARCH</b>		
1.1	HEALTH.2010.1.1-1: Harmonisation of phenotyping and biosampling for human large-scale research biobanks.	<i>Collaborative project (Large-scale integrating project). EC contribution per project: min. EUR 6 000 000 – max. EUR 12 000 000. Only up to one proposal can be selected.</i>
1.1	HEALTH.2010.1.1-3: High-throughput analysis of post-translational modifications of proteins.	<i>SICA, Collaborative Project (Small or medium-scale focused research project). Target Region: China. EC contribution per project: max. EUR 3 000 000. Only up to one proposal can be selected.</i>
<b>1.2 DETECTION, DIAGNOSIS AND MONITORING</b>		
1.2	HEALTH.2010.1.2-2: Stratification approaches and methodologies to select from a wide range of biomarkers relevant candidates for clinical validation.	<i>Coordination and Support Action (Supporting Action). EC contribution per project: max. EUR 500 000. Only up to one proposal can be selected.</i>
1.2	HEALTH.2010.1.2-3: Harmonization, validation and standardisation in genetic testing.	<i>Coordination and Support Action (Coordinating Action). EC contribution per project: max. EUR 2 000 000. Only up to one proposal can be selected.</i>
1.2	HEALTH.2010.1.2-4: Early events in acute hepatitis C virus (HCV) infection with the aim to identify new biomarkers.	<i>SICA for Mediterranean Partner Countries Collaborative Project (Small or medium-scale focused research project). EC contribution per project: max. EUR 3 000 000. One or more proposals can be selected.</i>
<b>1.4 INNOVATIVE THERAPEUTIC APPROACHES AND INTERVENTIONS</b>		
1.4	HEALTH.2010.1.4-1: Translational research on cell-based immunotherapy.	<i>Collaborative Project (Large scale integrating project). EC contribution per project: min. EUR 6 000 000 – max. EUR 12 000 000. One or more proposals can be selected.</i>

2. TRANSLATING RESEARCH FOR HUMAN HEALTH		
2.1. INTEGRATING BIOLOGICAL DATA AND PROCESSES: LARGE-SCALE DATA GATHERING, SYSTEMS BIOLOGY		
2.1.1. Large-Scale Data Gathering		
2.1.1.	HEALTH.2010.2.1.1-1: Large-scale efforts in mouse functional genomics to determine the functions of genes and their involvement in disease.	<i>Collaborative Project (Large-Scale integrating project). EC contribution per project: min. EUR 6 000 000 – max. EUR 12 000 000 Only up to one proposal can be selected.</i>
2.1.1.	HEALTH.2010.2.1.1-2: Coordination action(s) on standards in large scale data gathering.	<i>Coordination and Support Action (Coordinating Action). EC contribution per project: max. EUR 2 000 000. One or more proposals can be selected.</i>
2.1.2. Systems Biology		
2.1.2.	HEALTH.2010.2.1.2-3: Developing new and improving existing mathematical algorithms for systems biology.	<i>SICA Collaborative Project (Small or medium-scaled focused research projects) with focus on EECA. EC contribution per project: max. EUR 3 000 000. Only up to one proposal can be selected.</i>
2.2. RESEARCH ON THE BRAIN AND RELATED DISEASES, HUMAN DEVELOPMENT AND AGEING		
2.2.2. Human development and ageing		
2.2.2.	HEALTH.2010.2.2.2-5: Frailty and its implications in modern society.	<i>Coordination and Support Action (Supporting Action). EC contribution per project: max. EUR 500 000. Only up to one proposal can be selected.</i>
2.3. TRANSLATIONAL RESEARCH IN MAJOR INFECTIOUS DISEASES: TO CONFRONT MAJOR THREATS TO PUBLIC HEALTH		
2.3.2. HIV/AIDS, malaria and tuberculosis		
2.3.2.	HEALTH.2010.2.3.2-1: Target characterisation and hit-to-lead progression in tuberculosis (TB) drug development.	<i>Collaborative project (Large-scale integrating project). EC contribution per project: min. EUR 6 000 000 – max. EUR 12 000 000. Only up to one proposal can be selected.</i>
2.3.2.	HEALTH.2010.2.3.2-2: Lead optimisation and late preclinical development in tuberculosis (TB) drugs.	<i>Collaborative project (Small or medium-scale focused research project). EC contribution per project: max EUR 6 000 000. One or more proposals can be selected.</i>

2.3.2.	HEALTH.2010.2.3.2-3. European network of cohort studies on HIV/AIDS.	<i>Network of Excellence. EC contribution per project: max. EUR 12 000 000. Only up to one proposal can be selected.</i>
2.3.3. Potentially new and re-emerging epidemics		
2.3.3.	HEALTH.2010.2.3.3-1: Biology and control of vector-borne infections in Europe.	<i>Collaborative project (Large scale integrating project). EC contribution per project: min. EUR 6 000 000 – max. EUR 12 000 000. Only up to one proposal can be selected.</i>
2.3.3.	HEALTH.2010.2.3.3-2: Drug lead discovery against RNA viruses.	<i>Collaborative project (Large scale Integrating Project). EC contribution per project: min. EUR 6 000 000 – max. EUR 12 000 000. Only up to one proposal can be selected.</i>
2.3.3.	HEALTH.2010.2.3.3-3: Integrated disease-specific research on West Nile Virus infections, Chikungunya and/or Crimean Congo Haemorrhagic Fever.	<i>Collaborative projects (Small or medium-scale focused research project). EC contribution per project: max. EUR 3 000 000. One or more proposals can be selected.</i>
2.3.4 Neglected infectious diseases		
2.3.4.	HEALTH.2010.2.3.4-1: Vaccines for childhood bacterial diarrhoeal diseases.	<i>SICA Collaborative Project (Large scale integrating project) Target Region: all ICPC. EC contribution per project: min. EUR 6 000 000 – max. EUR 12 000 000. Only up to one proposal can be selected.</i>
2.3.4.	HEALTH.2010.2.3.4-2: Comprehensive control of Neglected Infectious Diseases.	<i>SICA Collaborative Project (Small- or medium scale focused research project) Target Region: all ICPC. EC contribution per project: max. EUR 6 000 000. One or more proposals can be selected.</i>
2.3.4.	HEALTH.2010.2.3.4-3: Next generation of researchers for Neglected Infectious Diseases.	<i>Coordination and Support Action (Coordinating action). EC contribution per project: max. EUR 2 000 000. One or more proposals can be selected.</i>
2.4. TRANSLATIONAL RESEARCH IN OTHER MAJOR DISEASES		
2.4.1. Cancer		
2.4.1.	HEALTH.2010.2.4.1-2: Structuring translational cancer research between cancer research centres in Europe.	<i>Network of Excellence. EC contribution per project: max. EUR 12 000 000. Only up to</i>

		<i>one proposal can be selected.</i>
2.4.1.	HEALTH.2010.2.4.1-3: Structuring clinical research in paediatric and adolescent oncology in Europe.	<i>Network of Excellence. EC contribution per project: max. EUR 12 000 000. Only up to one proposal can be selected.</i>
2.4.2. Cardiovascular diseases		
2.4.2.	HEALTH.2010.2.4.2-1: Reducing in-stent thrombosis.	<i>Collaborative Project (Small or medium-scale focused research project). EC contribution per project: max. EUR 6 000 000. Only up to one proposal can be selected.</i>
2.4.2.	HEALTH.2010.2.4.2-2: New approaches to reduce ischemic damage to the heart.	<i>Collaborative Project (Small or medium-scale focused research project). EC contribution per project: max. EUR 6 000 000. Only up to one proposal can be selected.</i>
2.4.2.	HEALTH.2010.2.4.2-3: Identifying new therapeutic targets in atrial fibrillation.	<i>Collaborative Project (Large scale integrating project). EC contribution per project: min. EUR 6 000 000 – max. EUR 12 000 000. Only up to one proposal can be selected.</i>
2.4.2.	HEALTH.2010.2.4.2-4: Diastolic heart failure.	<i>Collaborative Project (Large scale integrating project). EC contribution per project: min. EUR 6 000 000 – max. EUR 12 000 000. Only up to one proposal can be selected.</i>
2.4.4. Rare diseases		
2.4.4.	HEALTH.2010.2.4.4-1: Clinical development of substances with a clear potential as orphan drugs.	<i>Collaborative Project (Small or medium-scale focused research project). EC contribution per project: max. EUR 6 000 000. One or more proposals can be selected.</i>
2.4.5. Other chronic diseases		
2.4.5.	HEALTH.2010.2.4.5-1: Investigation of the mechanisms of initiation of allergic response, genetic predisposition, biomarkers and identification of targets for therapy.	<i>Collaborative Project (Large-scale integrating research project). EC contribution per project: min EUR 6 000 000 - max. EUR 12 000 000. Only up to one proposal can be selected.</i>
2.4.5.	HEALTH.2010.2.4.5-2: Infection and dysbiosis as the triggers of the development of inflammatory processes in allergies and autoimmune diseases.	<i>Collaborative Project (Small or medium-scale focused research project). EC contribution per project: max. EUR 6 000 000. One or more proposals can be selected.</i>

3. OPTIMISING THE DELIVERY OF HEALTHCARE TO EUROPEAN CITIZENS		
3.2. QUALITY, EFFICIENCY AND SOLIDARITY OF HEALTHCARE SYSTEMS INCLUDING TRANSITIONAL HEALTH SYSTEMS		
3.2.	HEALTH.2010.3.2-1: Financing systems' effect on quality of healthcare.	<i>Collaborative Project (Small or medium-scale focused research project). EC contribution per project: max. EUR 3 000 000. One or more proposals can be selected.</i>
3.2.	HEALTH.2010.3.2-2: Risk adjustment algorithms for better health insurance coverage.	<i>Collaborative Project (Small or medium-scale focused research project). EC contribution per project: max. EUR 3 000 000. One or more proposals can be selected.</i>
3.4. INTERNATIONAL PUBLIC HEALTH & HEALTH SYSTEMS		
3.4	HEALTH.2010.3.4-5: Assessment of migrants' health, disease patterns and impact on health systems	<i>Coordination and Support Action (Coordinating Action) (Target Regions: countries from Latin America and Mediterranean partner countries (MPC). At least 6 independent legal entities, of which, 3 must be established in different MS or AC and the other 3 must be established in different international cooperation partner countries (ICPC) from the above mentioned target regions (LA, MPC).Max. EC contribution/proposal: EUR 2 000 000.Only up to one proposal can be selected per region for this topic</i>
3.4.	HEALTH.2010.3.4-6: Impact and cost-effectiveness of existing major health programmes.	<i>SICA Collaborative Project (Small or medium-scale focused research project) Target Regions: all ICPC. EC contribution per project: max. EUR 3 000 000. One or more proposals can be selected.</i>
3.4.	HEALTH.2010.3.4-7: Financing models for accessible health care.	<i>SICA Collaborative Project (Small or medium-scale focused research project) Target Regions: all ICPC. EC contribution per project: max. EUR 3 000 000. One or more proposals can be selected.</i>
4. OTHER ACTIONS ACROSS THE HEALTH THEME		
4.1. COORDINATION AND SUPPORT ACTIONS ACROSS THE THEME		
4.1.	HEALTH.2010.4.1-1: Promoting participation of high-technology research-intensive SMEs, operating in the	<i>Coordination Action or Support Action (Coordinating</i>

	Health sector.	<i>Action). EC contribution per project: max. EUR 2 000 000. Only up to one proposal can be selected.</i>
<b>4.2. RESPONDING TO EU POLICY NEEDS</b>		
<b>4.2a</b>		
4.2.	HEALTH.2010.4.2-1: Off-patent medicines for children.	<i>Collaborative Project (Small or medium-scale focused research project). EC contribution per project: max. EUR 6 000 000. One or more proposals can be selected.</i>
4.2.	HEALTH.2010.4.2-2: International paediatric initiative.	<i>Network of Excellence. EC contribution per project: max. EUR 12 000 000. Only up to one proposal can be selected.</i>
4.2.	HEALTH.2010.4.2-3: Adverse drug reaction research.	<i>Collaborative Project (Small or medium-scale focused research projects). EC contribution per project: max. EUR 3 000 000. One or more proposals can be selected.</i>
<b>4.2b</b>		
4.2.	HEALTH.2010.4.2-4: International pluripotent stem cell registry.	<i>Coordination and Support Action (Coordinating Action). EC contribution per project: max. EUR 2 000 000. Only up to one proposal can be selected.</i>
4.2.	HEALTH.2010.4.2-5: Methodology to evaluate and monitor health policy implementation and performance of EU funded interventions in developing countries.	<i>SICA Collaborative Project (Small or medium-scale focused research project) Target Regions: all ICPC. EC contribution per project: max. EUR 3 000 000. Only up to one proposal can be selected.</i>
4.2.	HEALTH.2010.4.2-6: Impact of EU legislation on health research.	<i>Coordination Action or Support Action (Supporting Action). EC contribution per project: max. EUR 500 000. One or more proposals can be selected.</i>
4.2.	HEALTH.2010.4.2-7: International forum for European life sciences funders and performers.	<i>Coordination and Support Action (Coordinating Action). EC contribution per project: max. EUR 2 000 000. Only up to one proposal can be selected.</i>
4.2.	HEALTH-2010.4.2-8: Coordination action in support of the implementation by participating States of a Joint Programming Initiative for combating neurodegenerative diseases, in particular Alzheimer's disease.	<i>Coordination and Support Action (Coordinating Action). EC contribution per project: max. EUR 2 000 000. Only up</i>

		<i>to one proposal can be selected.</i>
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Eligibility criteria for each proposal are checked by Commission staff before the evaluation begins. Proposals which do not fulfil these criteria will not be included in the evaluation.

**Eligibility conditions:**

- The general eligibility criteria are set out in Annex 2 of the work programme, and in the guide for applicants for each funding scheme.

**In addition, specific eligibility criteria apply to this call as set out below:**

- Only information provided in part A of the proposal will be used to determine whether the proposal is eligible with respect to budget thresholds and/or minimum number of eligible participants.
- Please note that the completeness criterion also includes that part B of the proposal shall be readable, accessible and printable
- It is important to note that the upper and lower limits for the EU contribution given per topic in table 2 of this call fiche, will be applied as an additional eligibility criterion and that proposals which do not respect these limits will be considered as ineligible.
- The minimum number and type of participating legal entities for all funding schemes is set out in the FP7 Rules for Participation and summarised in the following table for the funding schemes used in this call. There may be exceptions to the minimum number and participant type, which are specified in the topic description in the work programme.

**Table 3: Eligibility conditions for participation**

<b>Funding scheme</b>	<b>Minimum conditions</b>
Collaborative Project	At least 3 independent legal entities, each of which is established in a MS or AC, and no 2 of which are established in the same MS or AC
Networks of Excellence	At least 3 independent legal entities, each of which is established in a MS or AC, and no 2 of which are established in the same MS or AC
Collaborative project for specific cooperation Action (SICA) dedicated to international cooperation partner countries	At least 4 independent legal entities. Of these, 2 must be established in different MS or AC. The other 2 must be established in different international cooperation partner countries (ICPC).
Coordination and Support Action (coordinating action)	At least 3 independent legal entities, each of which is established in a MS or AC, and no 2 of which are established in the same MS or AC
Coordination and Support Action (supporting action)	At least 1 independent legal entity.



**Evaluation procedure:** The basic principles of the Evaluation criteria for proposals are described in Annex 2 of the work programme. However, for this call, the priority order for proposals with the same score will be determined in the manner described under 'Proposal ranking' (see below).

For all proposals submitted to this call the evaluation shall follow a single stage procedure. The proposers are requested to follow the instructions set out in the guide for applicants for the appropriate funding scheme and in the proposal part B template available through the EPSS, including page number limitations and a minimum font size of 11. The Commission will instruct the independent external experts to disregard any pages in excess of these limits. The proposals will be evaluated by independent external experts on the basis of three evaluation criteria. The individual evaluation will be carried out remotely and the consensus meetings of evaluators will be held in Brussels.

**Evaluation criteria and thresholds:** For this call the following criteria and thresholds are applied. For each criterion marks from 0 to 5 will be given, with the possibility of half point scores. For proposals failing to achieve a threshold for a criterion, the evaluation of the proposal will be stopped at the first criterion failing a threshold. Therefore for such proposals the ESR (evaluation summary report) will not contain marks and comments for the remaining criteria. Successful proposals must pass the following minimum thresholds:

**Table 4: Thresholds for evaluation criteria**

<b>Criterion</b>	<b>Minimum threshold</b>
<b>S/T quality</b>	<b>3/5</b>
<b>Implementation</b>	<b>3/5</b>
<b>Impact</b>	<b>3/5</b>
<b>Overall threshold</b>	<b>10/15</b>

In line with the objectives of each topic, additional evaluation criteria may be indicated in the work programme.

**Proposal ranking:** The series of priority lists will be prepared by the panels of external experts, per indicative sub-budget line as set out in this call fiche. The aspects taken into account for establishing a priority order for ranking of proposals are set out in annex 2 of the work programme.

There will be differing numbers of proposals short-listed according to the funding scheme and topic:

- For Large-scale Integrating Projects, Networks of Excellence, Coordination and Support Actions, **only up to one proposal** can be funded per topic, unless otherwise stated in the topic description in the topic description in table 2 (particular requirements for specific topics).
- For small and medium-scale Focused Research Projects, **one or more proposals** can be funded per topic, unless otherwise stated in table2.

However, there may be topics for which no proposals are of sufficient quality to be selected for funding, as there will be competition within topics and between topics on the basis of the quality of the proposals.

The Commission ranked lists of proposals to be retained for negotiation will be based on the priority list established by the panel of independent external experts taking into account the budget available for each budget line (as indicated in this call for proposals). For each budget line, a number of proposals below the indicative budget cut-off line on the Commission ranked list may be kept on a reserve list to allow for eventualities such as the failure of negotiations on grant agreements, the withdrawal of proposals, budget savings agreed during negotiation, or the availability of additional budget from other sources.

**Indicative evaluation and contractual timetable:** The evaluation should be finalised in February/March 2010. Overall evaluation results are estimated to be available within 4 months after the closure date for the call. It is expected that grant agreement negotiations for short-listed proposals would begin in May/June 2010.

**Consortium agreements:** Participants in large-scale integrating collaborative projects or networks of excellence are required to conclude a consortium agreement. For small- and medium scale collaborative projects a consortium agreement is not mandatory but recommended. For coordination and support actions a consortium agreement is not required. **The forms of grants and maximum reimbursement rates** which will be offered are specified in Annex 3 to the Cooperation work programme.

**Flat rates to cover subsistence costs:** In accordance with Annex 3 of this work programme, this call provides for the possibility to use flat rates to cover subsistence costs incurred by beneficiaries during travel carried out within grants for indirect actions. For further information, see the relevant guides for applicants for this call. The applicable flat rates are available at the following website: [http://cordis.europa.eu/fp7/find-doc\\_en.html](http://cordis.europa.eu/fp7/find-doc_en.html) under 'Guidance documents/Flat rates for daily allowances'.