



FP6 SSP PROJECT MARQUIS

First Project Conference

ULB Hospital Erasme

Brussels, 14th October 2005

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Building the Europe of Knowledge

Health Research Theme

*Proposals for the Specific Programme "Cooperation"
7th Research Framework Programme 2007-2013*

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Framework Programme 7: Objectives & activities

	Themes	Health	Biotech, Food, Agriculture	Information Society	Nano, Materials, Production	Energy	Environment	Transport	Socio-economic Research	Space and Security		
COOPERATION	Collaborative Research	8.317	2.455	12.670	4.832	2.931	2.535	5.940	792	3.960	44.432	
IDEAS	European Research Council										11.862	
PEOPLE	Marie Curie Actions										7.129	
CAPACITIES	Research Infrastructures	Research for, and by, SMEs	Regions of Knowledge	Research Potential	Science in Society	International Co-operation						7.486
	3.961	1.901	158	554	554	358						
JRC (EC)											1.817	
Total											72.726	

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(Cash prices)

Health Research Theme

- Under each theme there will be sufficient flexibility to address both *Emerging needs* and *Unforeseen policy needs*
- Dissemination of knowledge and transfer of results will be supported in all thematic areas
- Support will be implemented across all themes through:

Collaborative research

(Collaborative projects; Networks of Excellence; Coordination/support actions)

Joint Technology Initiatives

Coordination of non-Community research programmes
(ERA-NET; ERA-NET+; Article 169)

International Cooperation

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HEALTH COLLABORATIVE RESEARCH

Objective:

- Improving the health of European citizens
- Increasing the competitiveness of European health-related industries and businesses
- Addressing global health issues including emerging epidemics

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HEALTH COLLABORATIVE RESEARCH

Rationale for pan-European approaches (i):

- Sequencing of human genome and recent advances in post-genomics ⇒ vast amounts of data
- Translational research (*translation of basic discoveries in clinical applications*) ⇒ multidisciplinary
- Clinical research ⇒ international multi-centre trials
- Health policy-driven research ⇒ comparisons of the national models & data

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HEALTH COLLABORATIVE RESEARCH

Rationale for pan-European approaches (ii):

- Strong EU-based biomedical and research is needed to strengthen the competitiveness of large industries (pharma) as well as SMEs (healthcare biotech & medical technology/)
- Trans-national cooperation is essential to face worldwide competition
- This research will also contribute to the development of new norms & standards to set up appropriate legislative framework for new medical technologies (e.g. regenerative medicine), which is essential for industry

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HEALTH COLLABORATIVE RESEARCH

Activities ⇒ 3 Pillars

- Biotechnology, generic tools and technologies for human health
- Translating research for human health
- Optimising the delivery of health care to European citizens

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HEALTH COLLABORATIVE RESEARCH

Third Pillar: Optimising the delivery of health care to European citizens

- Enhanced health promotion and disease prevention
- Translating clinical research into clinical practice
- Quality, solidarity and sustainability of health systems

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HEALTH COLLABORATIVE RESEARCH - 3rd Pillar

Enhanced Health Promotion & Disease Prevention:

- Provide evidence for the best public health measures in terms of life styles and interventions - different levels & different contexts
- Focus on the wider determinants of health and how they interact at both the individual and community level
For example diet, stress, tobacco and other substances, physical activity, cultural context, socio- economic and environmental factors
- Mental health to be addressed in a life-course perspective

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HEALTH COLLABORATIVE RESEARCH - 3rd Pillar

Translating Clinical Research into Clinical practice:

- Better use of medicines, appropriate use of behavioural and organisational interventions, health therapies & technologies
- Special attention paid to patient safety:
 - to identify the best clinical practice
 - to understand decision making in clinical settings in primary and specialised care
 - to foster applications of evidence-based medicine and patient empowerment
- Focus on the benchmarking of strategies; investigating outcomes of different interventions including medicines, taking into consideration pharmacovigilance evidence, specificities of the patient (e.g. genetic susceptibility, age, gender and adherence) and cost benefits

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HEALTH COLLABORATIVE RESEARCH - 3rd Pillar

Quality, Solidarity and sustainability of health systems:

- Basis for countries to adapt their health systems
- Taking into account national contexts and population characteristics (ageing, mobility, migration, education, socio-economic status and the changing world of work etc)
- Organizational, financial and regulatory aspects
- Implementation - best practice
- Outcomes - effectiveness, efficiency and equity
- Special attention on investment issues and human resources

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HEALTH COLLABORATIVE RESEARCH

**Two other strategic issues that will
be addressed across activities:**

- Child health
- The health of the ageing population

HEALTH COLLABORATIVE RESEARCH

From FP6 to FP7:

- Continuity in the research activities
- Focus on genomics has disappeared
- Emphasis put on translational research
- Biomedical technology & engineering
(rich in SMEs) is re-introduced
- health policy-driven research (public
health) is strongly reinforced

HEALTH COLLABORATIVE RESEARCH

Indicative Budget:

- € 7.325 million (2004 prices)
- € 8.317 million (cash prices)

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Joint Technology Initiative

⇒ Innovative Medicines

Long term objective:

To increase the competitiveness of the European Pharmaceutical industry, and to foster Europe as the most attractive place for pharmaceutical R&D. Thereby enhancing access of innovative medicines to the benefit of patients and society.

Aim:

To remove major bottlenecks in the drug development process, as identified by industry, and where research is the key.

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Innovative Medicines Initiative

- Industry (under the leadership of EFPIA) has identified the bottlenecks in agreement with key stakeholders: academia, regulatory agencies, patient organisations, clinical researchers, ethical experts, etc.
- A *Strategic Research Agenda* prioritising the research needs and how they should be implemented has been developed by panels of experts:
 - Prediction of safety
 - Earlier indication of efficacy
 - Knowledge management
 - Education & training

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Innovative Medicines Initiative

The Strategic Research Agenda will address bottlenecks in four main areas:

- Improved prediction - early indications of safety.
- Improved clinical performance - early indications of efficacy by use of biomarkers.
- Better knowledge management through collaboration - breaking information barriers at the interfaces.
- Bridging educational gaps - pre-clinical and clinical research and breaking barriers between disciplines.

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FP7 Timetable

6 April 2005	Commission's proposal
September 2005	Specific programmes' proposal
December 2005 ?	First reading at EP
January 2006 ?	Common position at Council
March 2006 ?	Second reading and approval at EP
June 2006 ?	Adoption
November 2006 ?	Launch Conference / 1 st calls for proposals

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Information

- EU research:
<http://europa.eu.int/comm/research>
- Seventh Framework Programme:
http://europa.eu.int/comm/research/future/index_en.cfm
- Information on research programmes and projects:
<http://www.cordis.lu>
- RTD info magazine:
<http://europa.eu.int/comm/research/rtdinfo/>
- Information requests:
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