

16-sept-10		4th call 2010	5th call 2011	6th call 2012	7th call 2013		
				Grand challenges such as ageing of the EU population			
Strategic across theme health				Innovation partnership: Special SME focussed actions are suggested across the theme on the Immunogenomics of Human Health; Disease and Innovative biomedical technologies and medical devices into clinical applications	Possible Year of the Brain		
1. BIOTECH	1.1. HIGH-THROUGHPUT		SME topics	closed	SME-targeted research for developing tools and technologies for high-throughput research	F4	
	1.2. DETECTION, DIAGNOSIS		closed	SME-focussed: Development of technologies for personalized medicine applications	closed		
	1.3. SAFETY & EFFICACY	Priority	closed	closed	Predictive human safety assessment		
	1.4. INNOVATIVE THERAPIES		SME topics & HIP	Med. Tech. (with focus on industry/SMEs): Innovative approaches to solid organ transplantation; Medical technology for the organ transplantation sector and bioartificial organs; Innovative strategies for translation of stem cell based therapies in regenerative medicine (Programme Level Cooperation with between the EU and Australia)	closed	F5	
TRANSLATING RESEARCH	2.1. INTEGRATING	2.1.1. Large scale data gather.		(HIP epigenome)	SME-focussed: Clinical utility of omics for better diagnosis and treatment of rare diseases; Statistical methods for collection and analysis of omics data; Validation of -omics based biomarkers for diseases affecting the elderly	SME-focussed: Functional validation in cellular and/or animal models of genetic determinants of diseases and ageing processes; Human proteome - HUPO contribution; Metagenomics for personalized medicine approaches	F4
		2.1.2. Systems biology		closed	SME-focussed: Applying Systems biology approaches to address the clinical needs; Applying Systems biology approaches to understanding human disease co-morbidity	closed	F5
	2.2. BRAIN	2.2.1. Brain & brain diseases	closed	Priority	closed	Research initiative on effective therapies for traumatic brain injury; Imaging tools for diagnosis and monitoring of psychiatric disorders; Paediatric behavioural disorders characterised by aggressive and/or anti-social traits; Childhood epilepsies	F2
		2.2.2. Development & ageing			SME and CT focussed: Integrative systems biology and comparative genomics for studying human ageing; CTs to adapt off-patent medicines for elderly populations	closed	
	2.3. INFECTIOUS DISEASES	2.3 Infectious diseases			CROSS-CUTTING: Diagnostics for infectious diseases	CROSS-CUTTING: Drug resistance in developing countries	
		2.3.1. Anti-microbial drug resist.	closed	Priority	closed	Partially SME-focussed: New approaches for development of antibiotics and their alternatives; Towards a personalized medicines era for antibiotics: Maintaining the effectiveness and promoting the prudent use of already existing antibiotics	
		2.3.2. HIV/AIDS, TB, Malaria		closed	Partially SME-focussed: Co-infection and co-morbidity between infection and non-communicable disease for Poverty Related and Neglected Infectious Diseases in Europe and Developing Countries; Innovative strategies for the prevention or treatment of Poverty Related Diseases.	closed	F3
		2.3.3. Emerging epidemics			closed	A European research area on Emerging Epidemics	
		2.3.4. Neglected diseases		closed	Cross-cutting: Neglected Infectious Diseases of regional importance	SME-focussed: Vaccine Development for neglected Protozoal diseases (NPD); Drug development for parasitic diseases	
	2.4. OTHER MAJOR DISEASES	2.4.1. Cancer	Priority		closed	Partially SME-focussed: Translational research that strengthens the patient's immune system	
2.4.2. Cardiovascular diseases				closed	Awaiting for outcome CVD workshop October 2010		
2.4.3. Diabetes and obesity		closed	Priority	Partially SME-focussed: Innovative approach to manage diabetes. Clinical trials on paediatric diabetes medicines; Significance of gastro-intestinal hormones and of CNS cross-talks for type 2 diabetes in bariatric surgery; Diabetes prevention	closed	F2	
2.4.4. Rare diseases			closed	Preclinical and clinical development of Orphan drugs; Observational trials in rare diseases; Best practice in clinical management of rare diseases	closed		
2.4.5. Other chronic diseases			closed	CT and SME-focussed: Clinical trials in thyroid diseases ; Biomarkers and diagnostics for chronic inflammatory diseases of the joints and digestive system	closed		
3. DELIVERY OF HEALTHCARE	3.1. CLINICAL PRACTICE	Priority	closed	closed	Comparative Effectiveness Research (CER); Assessment of newly introduced diagnostics		
	3.2. HEALTH CARE SYSTEMS	half closed	closed	Health services roadmap - outcomes; Development of methodologies on how to move forward on harmonising and systematising health technology assessments	closed		
	3.3. HEALTH PROMOTION	closed		closed	Health Examination Survey; Virtual institute ageing research; Input from roadmaps - ageing, child health, patient safety...	F3	
	3.4 Int. Public Health Research	Priority		Health systems, health services - implementation research for MDGs; Capacity building health systems; Various topics in disease control (synergies with area 2.3)	closed		
4. OTHER ACTIONS	4.1. ACROSS THE THEME			Technology transfer, training actions for health sector scientists, the next generation of researchers and clinicians for systems medicine; Presidency events; Audio visual dissemination and exploitation of FP7 Health success stories	Impact of legislation on research; Presidency events; Year of the Brain events	F1	
	4.2. EU POLICY NEEDS			SME-focussed: Better prediction of risk for rare severe adverse drug reactions	SME-focussed: Investigator driven CTs on off-patent medicines for elderly and /or children		
Total budget		660	650	Est. budget: 620		Est. budget: 780	
Other activities		Impact of ethics review on health research; Innovation conference; Impact assessment brain research etc.					
		open	Priority	closed			