



GESUNDHEITSRELEVANTE THEMEN IN ANDEREN AUSSCHREIBUNGEN

7. EU-RAHMENPROGRAMM FÜR FORSCHUNG, TECHNOLOGISCHE ENTWICKLUNG UND DEMONSTRATION (2007-2013)

ACHTUNG! Die Themen befinden sich derzeit in Diskussion und können sich noch ändern!

Innovative Medicines Initiative

- Cancer:
 - Development, evaluation and qualification of imaging biomarkers of tumor cell proliferation and death
 - Search for new tools for target validation
 - Molecular biomarkers for the acceleration of cancer therapy development and refining of patient care
- Infectious Diseases:
 - Identification and Development of rapid point of care diagnostic tests for bacterial diagnosis to facilitate clinical trials and clinical practice with focus on respiratory tract infections (pneumonia, bronchitis, etc)
- Inflammation:
 - Focus: Chronic immune mediated diseases (IMD): comparative human T- cell and B- cell Biology
 - primarily Rheumatoid Arthritis (RA), Systemic Lupus Erythematosus (SLE), Inflammatory Bowel Disease (IBD)
 - pan-European network for immuno-pathology and translational biomarker research
- Knowledge Management:
 - Standardization, free access, interoperability and exchange of data relevant for drug discovery and development including databases for drug/disease models and small molecules frame for access and exchange of clinical/healthcare data

Deadline: voraussichtlich Winter 2009

Kontakt:

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Thema 2: Lebensmittel, Landwirtschaft, Fischerei, und Biotechnologie

- Neurological pathways regulating hunger/satiety and gut behaviour
- Diet and prevention of functional decline of the elderly
- Identifying research needs on malnutrition in Africa

Deadline: voraussichtlich 14. Jänner 2010

Kontakt:

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Ines Haberl, ines.haberl@ffg.at, Tel 057755 – 4103

Thema 3: Informations und Kommunikationstechnologie

- Virtual Physiological Human
 - Development of patient-specific computer based models and simulation of the physiology of human organs and pathologies
 - Development of ICT tools, services and specialised infrastructure for the biomedical researchers
- Brain Inspired ICT
 - Development of multi-scale models of information processing and communication in the brain and/or PNS
 - Synthetic Hardware Implementations of Neural Circuits

Deadline: voraussichtlich 13. April 2010

Kontakt:

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Thema 4: Nano, Werkstoffe und Produktionstechnologien

- Reference methods for managing the risk of engineered nanoparticles
- Modelling toxicity behaviour of engineered nanoparticles
- Development of standard scaffolds for the rational design of bioactive materials for tissue regeneration
- Development of nanotechnology-based systems for detection, diagnosis and therapy for cancer

Deadline: voraussichtlich 8. Dezember 2009

Kontakt:

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Thema 6: Umwelt (einschliesslich Klimawandel)

- The effect of environmental change on the occurrence and distribution of water related vector-borne diseases in Africa
- Indoor air pollution and health risks of modern office buildings
- Human health and environmental effects of exposure to pharmaceuticals released into the environment
- Exposure models to assess the risks to operators, workers, residents and bystanders from exposure to plant protection products (PPPs)
- Greenhouse gas emission reduction policies and their impacts on public health and welfare in urban areas

Deadline: voraussichtlich 5. Jänner 2010

Kontakt:

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Michalis Tzatzanis, michalis.tzatzanis@ffg.at, Tel 057755 – 4405

Thema 10: Sicherheit

- Tackling counterfeit medicines and related criminal networks
- Advanced forensic toolbox

Deadline: voraussichtlich 19. November 2009

Kontakt:

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Susanne Meissner-Dragosits, susanne.dragosits@ffg.at, Tel 057755 – 4403

Forschungsinfrastrukturen

- Integrating Activities – Support to existing research infrastructures, z.B:
 - BIO-NMR Facilities
 - Large-scale biobanks for clinical and epidemiological studies
 - Facilities for high-throughput DNA sequencing and human genotyping
 - High throughput facilities for proteome analysis
- Design Studies – Construction of new infrastructures – preparatory phase. z.B.
 - EuroBiolumaging

Deadline: voraussichtlich 3. Dezember 2009

Kontakt: Manfred Halver, manfred.halver@ffg.at, Tel 057755 – 4207

Wissensorientierte Regionen

- Thematischer Schwerpunkt: Boosting the competitiveness of health-related economy

Deadline: voraussichtlich Mitte Jänner 2010

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