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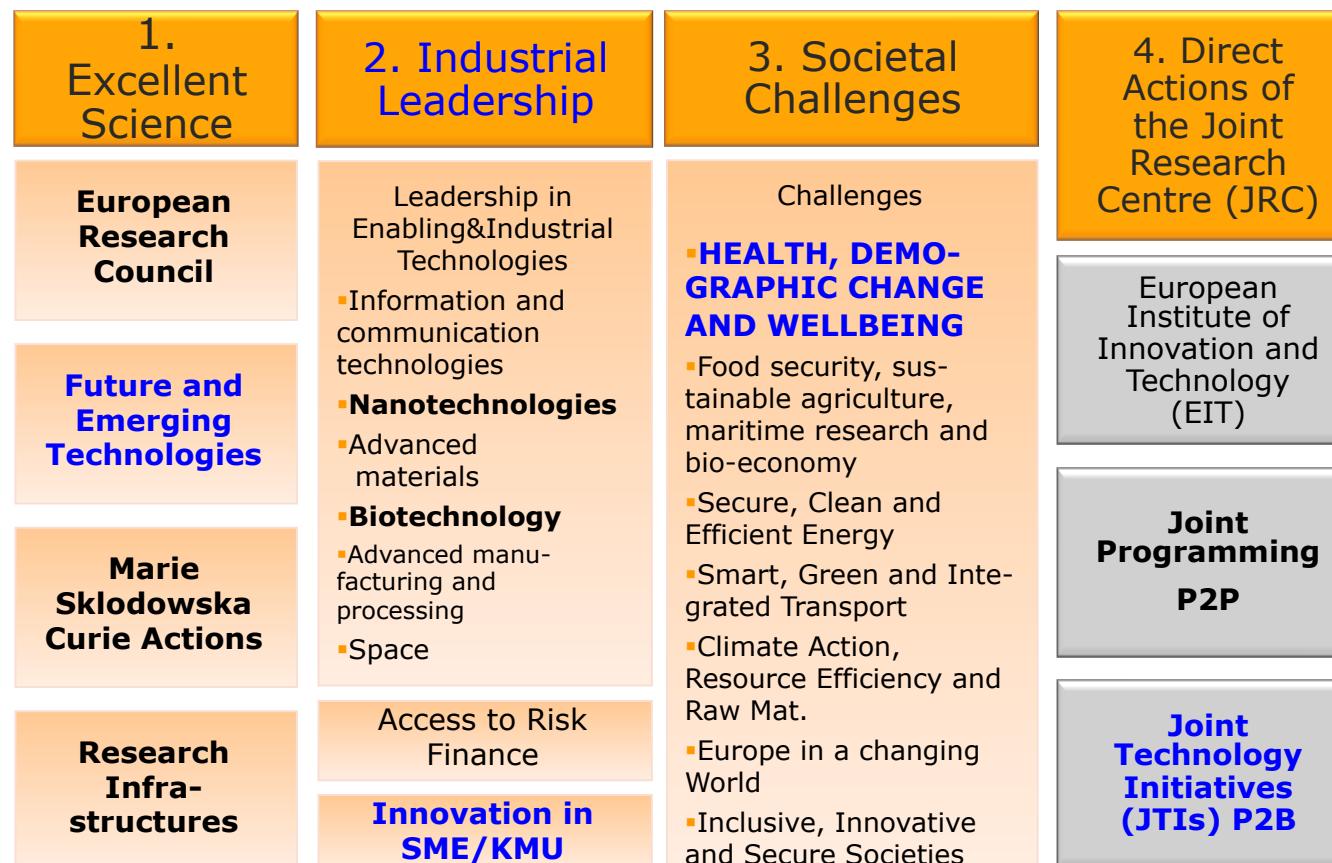


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Horizon 2020 and beyond – Europäische Förderungen für F&E



H2020 Struktur





Charakteristika

- ❖ Konsortien: mind. 3 Partner aus 3 verschiedenen Ländern – Ausnahmen werden in den Ausschreibungen definiert bzw. ERC, Fellowships und SME instrument
- ❖ Empfohlene / übliche Konsortien: 5-10 Partner
- ❖ Teilnahmeberechtigte Länder: MS & AS, Drittstaaten, bei SC Health:USA
- ❖ Teilnahmeberechtigte Organisationen: Alle! (natürlichen und Rechtspersonen, internat. Organisationen...)
- ❖ Einbindung des nicht-akademischen Sektors essentiell; insbesondere KMUs
- ❖ Themen in den Ausschreibungen definiert – relativ offene Themengestaltung



Besonderheiten - Spotlight

- ❖ Simplification: in allen Bereichen (Förderraten, Zeitaufzeichnung, Audits, Verträge, Berichtswesen etc.)
- ❖ Impact: viel wichtiger als bisher
- ❖ Förderraten: ein System für alle! 25% Overheads, 100% (75%) Förderung
- ❖ Topics: viel allgemeiner – keine spezifischen Erkrankungen mehr (Herausforderung oder Chance?)
- ❖ Klinische Studien: weiterhin förderbar; wenn zum Thema passend
- ❖ MwSt. förderbar wenn der Partner nicht vorsteuerabzugsberechtigt ist
- ❖ Time-to-contract: kürzer! Max. 6 Monate garantiert
- ❖ Arbeitsprogramme (=Themen): auf 2 Jahre definiert

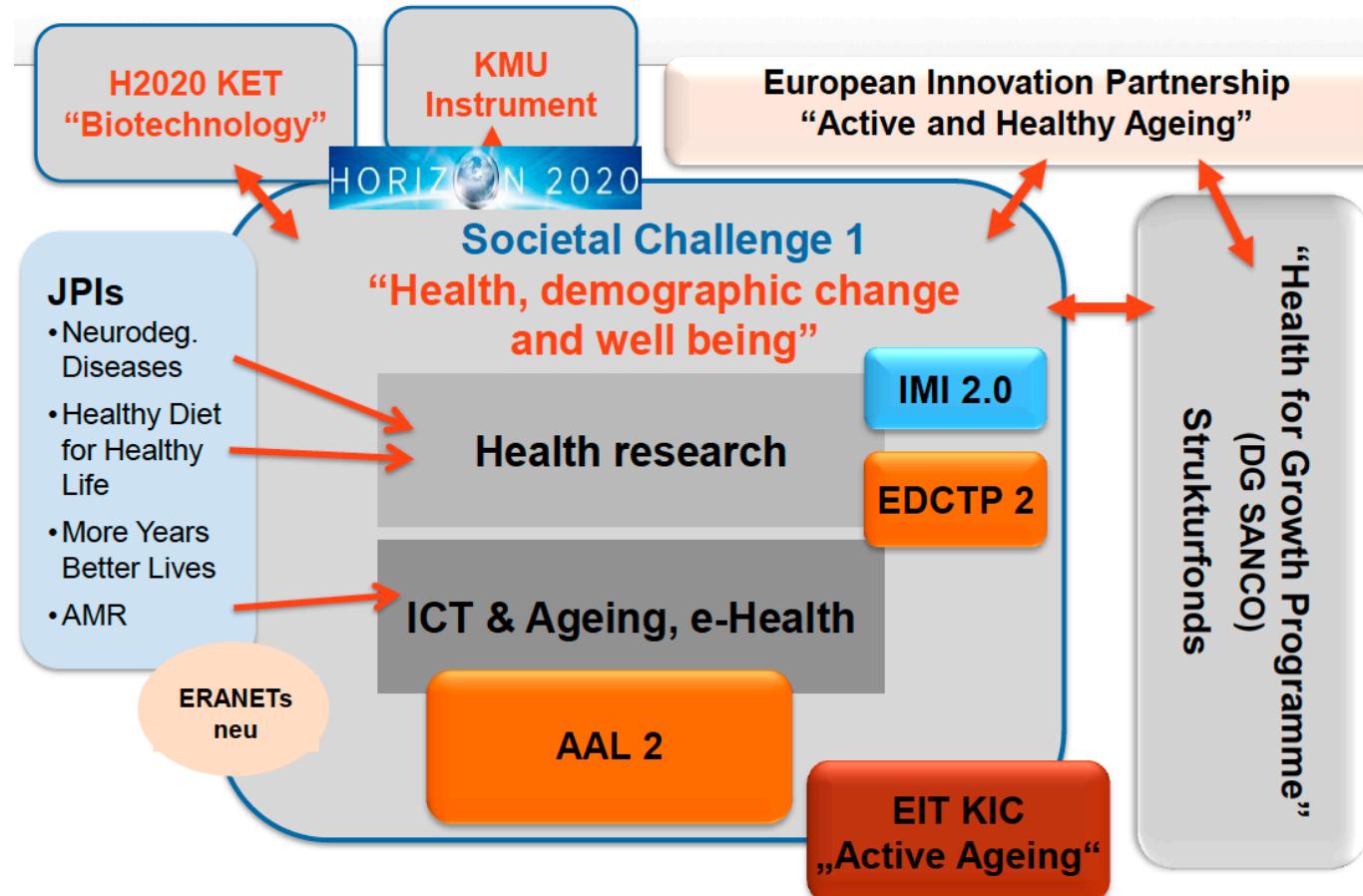


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Simplification !

Wirklich???

RTI landscape health





Scientific excellence

- ❖ European Research council: Einzelprojekte
- ❖ Individual fellowships: Unternehmen mit secondments
- ❖ ITNs – innovative training networks: koordiniert von MUI,
Firmenbeteiligung essentiell!
 - ❖ ETN: European Training Network: transnational, transsectoral research training networks
 - ❖ EID European Industrial Doctorates: cooperation university / company for training purposes
 - ❖ EJD: European Joint Doctorates: training in the framework of joint, double or multiple doctorates
- ❖ RISE: staff exchange – intersectoral and to third countries
- ❖ Cofund: co-funding of national, regional or local training programmes



Scientific excellence II

- ❖ Future and emerging technologies (FET):
üblicherweise von Unternehmen koordiniert – MUI als Partner
 - ❖ Kooperation zwischen Wissenschaft und Hochtechnologie (science -> competition)
 - ❖ FET open:
 - ❖ „early stage joint science and technology research“
 - ❖ 40% des Budgets
 - ❖ Bottom up – thematisch offen
 - ❖ FET proactive
 - ❖ Thematisch vorgegeben, derzeit „High performance computing“
 - ❖ FET Flagship initiative



Industrial Leadership

- ❖ Innovations in SMEs („KMU Instrument“): Einzelanträge möglich, 3-stufiger Ablauf, MUI als F&E Dienstleister
- ❖ Leadership in enabling and industrial technologies – koordiniert von Unternehmen – MUI als Partner
 - ❖ Information and communication technologies
 - ❖ Nanotechnologies
 - ❖ Advanced Materials
 - ❖ Biotechnologies
 - ❖ Advanced manufacturing and processing
 - ❖ Space



Health areas (SC1) 2017 - 2020

- ❖ Understanding health, wellbeing and disease
- ❖ Preventing diseases
- ❖ Treating and managing diseases
- ❖ Active ageing and self-management of health
- ❖ Methods and data
- ❖ Health care provisions and integrated care
- ❖ Specific implementation actions
- ❖ Co-ordination and support actions

=> 58 topics und 6 prizes geplant für WP 2017/2020



Topics - DRAFT

Understanding Health, wellbeing and disease

- Understanding causative mechanisms in comorbidities
- Endocrine disruptors – research for better regulation and improved understanding of health effects
- System approaches for the discovery of combinatorial therapies

Preventing diseases

- Exploiting research results and potential of the human microbiome for personalized prediction and prevention of disease
- Climate change and the early detection of emerging infectious diseases
- Mental health in the workplace
- The human exposome project: a toolbox for assessing and addressing the impact of environment and climate change for health



Topics - DRAFT

Treating and managing diseases

- Rare disease joint programme co-fund – EJP (European Joint Programme)
- Stratified host-directed approaches to improve prevention or treatment of infectious diseases
- New anti-infective agents for prevention and treatment of neglected infectious diseases
- Novel patient-centered approaches for survivorship, palliation and end-of-life care
- Global alliance of chronic diseases
- New therapies for non-communicable diseases
- Innovation platforms for advanced therapies of the future
- Regenerative medicine: from new insights to new applications
- EU-CELAC collaboration on research for non-communicable diseases
- Big data for monitoring health status and quality of life after the cancer treatment



Topics - DRAFT

Active ageing and self-management of health

- Healthcare interventions for the management of the elderly multimorbid patient
- Personalised early-risk prediction, prevention and intervention
- International cooperation in digital solutions and robotics for independent living
- Large scale implementation of digital innovation for health and care in an ageing society
- Piloting small and trusted digital for prevention and personalised health & care



Topics - DRAFT

Methods and data

- International flagship collaboration with Canada for human data storage, integration and sharing for developing personalised medicine approaches
- Digital diagnostics – developing tools for clinical decisions integrating in vitro and in vivo diagnostics
- Innovation Procurement: Next generation sequencing (NGS) for routine diagnosis – PCP
- New, animal-free regulatory test methods for human safety testing at the horizon of 2030
- Accelerating the uptake of in-silico methods for testing medicines with dermatological use and cosmetic products



Topics - DRAFT

Methods and data

- Exploiting the full potential of in-silico medicine research for personalised diagnostics and therapies in cloud-based environments
- Prototyping a cloud-based standardised Electronic Health Record service for Europe
- Scaling up the univocal Identification of Medicinal Products
- eHealth and care services - Innovation Procurement – PCP
- Toolkit for assessing and reducing cyber risks in hospitals and care centres to protect data/infrastructures



Topics - DRAFT

Health care provisions and integrated care

- Demonstration pilots for implementation of Personalised Medicine in health care
- HTA research to support evidence-based healthcare
- Implementation research for maternal and child health
- Using pre-commercial procurements and public procurement of innovative solutions in health care systems to reduce the risk of hospital-acquired infections and/or improve integrated care - PCP or PPI
- Large Scale pilots of personalised & outcome based integrated care

Specific implementation aspects

- Boosting the translation of results of health research into validated, innovative applications



Topics - DRAFT

Coordination and support actions

- Actions in support of the International Consortium for Personalised Medicine
- Promoting for data sharing in infectious disease
- Towards the creation of clinical research networks for infectious diseases
- Innovation in health care - towards using pre-commercial procurement and public procurement of innovative solutions in health care systems
- Strengthen Regulatory Sciences and support for successful regulatory Scientific Advice
- Building international efforts on cohorts
- Coordinating European brain research and developing global initiatives
- Setting the Priorities for the European Environment and Health Agenda
- Data integration and data- driven in-silico models for enabling personalised medicine - a European standardization framework
- Strategic collaboration in healthcare research and innovation between EU and China



Topics - DRAFT

Coordination and support actions

- Supporting investment in smart living environments for ageing well through certification
- Support for the large scale uptake of open service platforms in the Active and Healthy Ageing domain
- Support to further development of international cooperation in digital transformation of health and care
- eHealth and care services – support for policy, strategy and post R&D
- Support to a Digital Health and Care Innovation initiative and preparation for next framework programme
- Raising awareness and developing training schemes on cybersecurity in hospitals
- Support to eHealth Innovation ecosystems in Europe
- Support for European eHealth Interoperability roadmap deployment
- Scaling up innovation for active and healthy ageing
- Improving EU-13 participation in EU-supported health research programmes



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Topics - DRAFT

Prizes

- Anti-microbial resistance
- Surgical care in resource-poor settings
- Personalised medicine in health care
- A novel solution that decreases incidence of classic neglected infectious diseases
- Novel tool(s) to limit the use of test animals in biomedical sciences and safety testing
- Implantation of smart medical devices to (re-) establish neural &/or neuronal function



IMI 2.0

- Kollaborative Projekte, offene und kompetitive Calls
- Zweistufiges Einreichprozedere
 - Erste Stufe : Einreichung von EOIs durch „public consortia“
 - Zweite Stufe: Einreichung der full proposals durch EFPIA-consortium + „public consortium“
- Projekte werden unterstützt durch die kombinierte Förderung (3,276 Mrd) von
 - H2020 SC 1 Health, wellbeing and active ageing 1,638 Mrd € (50%)
 - Private funds as „in-kind contributions“ by participating EFPIA companies 1,425 Mrd €
 - Other life science industries and organisations 213 M€
- Durchschnittliches Projektbudget: ca. 20 Mio Euro
- Durchschnittliche Konsortiumsgröße: 15-20 EFPIA firms + 10-15 other partners
- Rules for participation & financial guidelines unterschiedlich zu H2020 Regeln!

IMI 2.0



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- Hintergrund: precision medicine
- Folgende Themen gelangen im nächsten Call (5.4.17) voraussichtlich zur Ausschreibung:

- Development and validation of technology enabled, quantitative and sensitive measures of functional decline in people with early stage Alzheimer's disease (RADAR-AD)
- Fairification of IMI and EFPIA data
- Development of sensitive and validated clinical endpoints in primary Sjögren's syndrome (PSS)
- European screening centre: unique library for attractive biology
- Exploitation of IMI project results.



ERA-Nets

- Im H2020 für Förderorganisationen ausgeschrieben
- 50% des Budgets aus H2020, 50% von den nationalen Förderinstitutionen
- Gemischte Regeln H2020 / national, aber kleinere Konsortien (üblich 3-5)
- Derzeit laufend mit österreichischer Beteiligung (life sciences relevant)
 - BiodiVERsA: Biodiversität
 - ERA-CVD: Herz/Kreislauf Erkrankungen
 - ERA-CoSysmed: Systems Medicine
 - ERA-Synbio: Biologie
 - E-RARE: Seltene Erkrankungen
 - INFECT-ERA: Infektionserkrankungen
 - NEURON: Neurowissenschaften (offener Call: Synaptic Dysfunction, Ethical, legal and social aspects of Neurosciences)
 - PATHOGENOMICS: Genomik
 - TRANSCAN: Krebsforschung



HEALTH Programme

- Durchgeführt von DG Gesundheit
- 2014-2020
- Gesamtbudget
- Jährliche Arbeitsprogramme (2017 soeben veröffentlicht)
- Budget 2017: ca. 64,5 M€
- Schwerpunkte des Programms:
 - Promoting health, preventing diseases and fostering supportive environments for healthy lifestyles taking into account the 'health in all policies' principle;
 - Protecting Union citizens from serious cross-border threats to health;
 - Contributing to Innovative, efficient and sustainable health systems,
 - Facilitating access to better and safer healthcare for Union citizens



HEALTH Programme

- Ausgeschriebene Themen Call 2017
 - Supporting Member States in mainstreaming health promotion and disease prevention in health and educational settings
 - European Reference Networks (ERN)
 - Joint Action on health inequalities
 - Joint Action — Innovative Partnership on Action against Cancer
 - Joint Action on vaccination
 - Joint Action on preparedness and action at points of entry (air, maritime and ground crossing)
 - Joint Action supporting the eHealth Network
 - Joint Action on Health Information towards a sustainable EU health information system that supports country knowledge, health research and policy-making.



Förderbare Kosten

- Tatsächliche Kosten, nicht geschätzt oder budgetiert
- An der Organisation angefallen (Rechnungen, Lohnverrechnung)
- Während der Projektlaufzeit angefallen (Ausnahmen: Reisebuchung für kick-off Meeting und Kosten für den Endbericht)
- Nachweisbar anhand der üblichen Praxis der beteiligten Organisation
- Notwendig zur Erreichung der Projektziele – ökonomisch, effizient und sparsam
- Im Buchungswesen der Organisation ausgewiesen
- Innerhalb des Projektbudgets und der maximalen genehmigten Förderhöhe



Direkte Kosten

- Können dem Projekt direkt zugeordnet werden, z.B.
 - Personalkosten
 - Gerätekosten (nur Abschreibung)
 - Reisekosten
 - Verbrauchsmaterialien
 - Unterverträge (keine Overheads)

Indirekte Kosten (Overheads): 25%



Grundlegende Fragen

- ⇒ Innovativer Gehalt der Projekt Idee?
- ⇒ Kompatibel zur Forschungsstrategie / Erfahrung der Partner?
- ⇒ Mehrwert durch die internationale Kooperation?
- ⇒ Europäischer Mehrwert?
- ⇒ Vor- und Nachteile – Kosten, Aufwand gegenüber Förderung und Erfolgsaussichten
- ⇒ Resources für's Projekt verfügbar(coordinator/partner)
- ⇒ Offene Calls?
- ⇒ Kompatibilität der Idee mit dem Call Text



Bekannte Probleme

Häufige Ablehnungsgründe

- „Out of scope“ – no fitting call
- Budget – over- or underambitious
- Management structure
- Probably new: IMPACT (!)
- Not enough / suitable partner found



Partner finden

„Plattformen“ zur Identifikation von Projektpartnern

- Bestehende Kontakte / persönliche Netzwerke
- Kontakte der Partner
- Cluster der Standortagentur -
<http://www.standort-tirol.at/page.cfm?vpath=cluster/kompetenzatlas>
- CORDIS (EU) - <https://cordis.europa.eu/partners/web/guest>
- Fit for Life 2.0 - <http://www.fitforhealth.eu/>
- Enterprise Europe Network - <http://www.een.at/>



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Partner finden - CORDIS

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Keywords



To search for an ID, use the # symbol. e.g.: '#2432'

 Exact match ?

Organisation Type

- Research Organisation & Universities
- Companies & Enterprises
- Individual
- Other

SME organisations?

No Importance

Select Topics

Add a Country

Search

Displaying 1-15 of 1234 results.

"Thriasio" General Hospital of Elefsina

Profile ID: 11

Organisation Type: Research Organisation & Universities

Export the results to document

Research Activities

Research focused on the work-related illnesses, occupational accidents, environment and health

Call Topics

Keywords: Occupational Medicine, Environment and health, Research, Training, Occupational illnesses.

FP EU Project

Expertise Description

Expectations

Contact Info

Feedback

National Hellenic Research Foundation

Profile ID: 12

Organisation Type: Research Organisation & Universities

Research Activities

The lab has a more than 20 years experience on laser-based techniques for analytical purposes and applications in the field of nano-technologies. This includes excitation spectroscopy in the VIS and UV range of the spectrum, laser-induced plasma spectroscopy (LIPS), mass spectrometry, laser-induced fluorescence (LIF) etc. These techniques have been applied in environmental, industrial and geological samples. In parallel, pulsed laser deposition (PLD) has been used to develop thin film structures with controlled morphological and structural properties. Such devices have applications in the sensor, optical and electronic industry.

Call Topics

FP EU Project

Expertise Description

My Profiles

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Search in Database

SEARCH IN THE DATABASE

Search for Profile

Search for Project

Keyword



To search for an ID, use the # symbol. e.g.: '#2432'

 Exact match

Project status:

No Importance

Project Types:

- Research and Innovation Action (RIA) - 100% funding scheme
- SME-Instrument
- Pre-Commercial Procurement (PCP)
- Inducement Prize
- ERA-NET Co-fund (only for member states)
- Innovation Action (IA) - 70% funding scheme
- Fast Track to Innovation (FT2I)
- Public Procurement of Innovative Solutions (PPI)
- Coordination and Support Action (CSA)

Select Topics

Add a Country

Displaying 1-15 of 59 results.

Saarland University

Project ID: 9

Export the result to document

Details

Acronym: Confidential at this stage

Description

Project Type:

- Research and Innovation Action (RIA) - 100% funding scheme

Call Topics

Project Status: Planned

Partner sought

Keywords: Diabetes, metabolom, omics, diet, lifestyle, genetics, epigenetics, nutrigenetics, metformin, cancer

Contact Info

Main Research Areas:

Proteomics, metabolomics, chronic diseases, nutrition

Budget: 4-6 mi

Feedback

RECENTT GmbH

Project ID: 22

Details

Acronym: not yet defined

Description

Project Type:

- Research and Innovation Action (RIA) - 100% funding scheme

Call Topics

Project Status: Planned

Partner sought

Keywords: in-vivo medical imaging 3D fast high-resolution photoacoustic tomography

Contact Info

Main Research Areas:Main Focus in H2020 on topic ICT-29-2016: Photonics KET 2016 and ICT-30-2017: Photonics KET 2017:
Biophotonics: advancing imaging for in-depth disease diagnosis... - for in vivo diagnosis of diseases like cancer.

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Unterstützung durch das SCF

- Permanente und frühzeitige Information (Newsletter!)
- Identifikation passender Programme, Calls und Topics
- Partnersuchen
- Unterstützung und Begleitung durch die Antrags- und Vertragsverhandlungsphase
- Proposal Checks
- Unterstützung während der Projektlaufzeit
- Projektmanagement bei von der MUI koordinierter Projekte



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Vielen Dank für Ihre Aufmerksamkeit!

Noch Fragen?