

Profile #2064

Profile #2064 - Austrian Research Centers GmbH - ARC - Austria

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Contact

Organisation	Austrian Research Centers GmbH - ARC	Department	eHealth systems
Contact person	Modre-Osprian, PhD Robert		
Email	robert.modre@arcsmed.at		
Address	Reininghausstrasse 13/1		
Postcode	8020	City	Graz
Country	Austria		
Telephone	+43 (0)664 8251249	Fax	+43(0)316 586570-12
Website	www.arcsmed.at/ehs		

Organisation

Type:	Research Organisation & Universities
Is a Small and Medium Sized Enterprise (SME)?	NO
Number of Employees	30
Description of research activity:	The eHealth systems research team focuses on eHealth related applications and R&D projects according to the mission to provide new connections between patients, physicians and other biomedical research and healthcare partners. Current research activities are ICT-solutions for health using the developed web-based eHealth platform, care-management systems, register, reminder, medical research networks, home-, health-, telemonitoring, and mobile Health (mobile data acquisition using mobile phones and Near Field Communications (NFC)), electronic Patient Reported Outcome (ePRO)

Former participation in an FP European project? YES

Project title / Acronym:

HealthCARE by Biosensor Measurements And Networking / CARE-MAN

Activities performed::	<p>The overall objective of the Networking work package is to connect the CARE-MAN device to the hospital network and database and to provide data access to the medical staff:</p> <ul style="list-style-type: none"> • Design and development of a network information system (data flow) able to collect the information provided by the CARE-MAN device (on which the medical assays deliver the data). • Consolidation of all the collected information in a central database integrated with the hospital information system. • Design and development of value-added software (data visualisation, data mining, decisionsupport and expert system tools) and providing a medical workflow for the medical staff.
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Expertise/commitment offered

Keywords specifying the expertise:	Innovative Medicines Initiative (IMI), COPD, eHealth, ePRO, NFC, telemedicine,
Description of the expertise:	<p>We are looking for partnership within a consortium for Topic 13 - COPD Patient Reported Outcomes (PROs), a major bottleneck to understanding patient and economic benefits of new therapies - of the first IMI call. We can contribute to the expectations in the areas</p> <ul style="list-style-type: none"> - expertise in PRO development and validation, - selection/development and validation of measurement tools that are sensitive to pharmacological interventions and can predict pharmaco-economic benefit - especially for the quantification of exacerbations and functional performance, - Application of new technology such as electronic data capture for the PRO assessments <p>by our profound know-how and expertise in ePRO tools using mobile phones and NFC technology (Frost & Sullivan 2007 European Excellence in Research Award) as well as in validation of such tools and integration in medical research networks or tele-, home monitoring applications. We have also experience in conducting clinical studies with adequate patient input using our wireless data collection technology.</p> <p>The eHealth systems department has expertise in application-oriented technology platforms for biomedical research, in web-based medical research networks, and in tele-, home. and health monitoring solutions including electronic Patient Reported Outcome (PRO) tools based on Near Field Communication (NFC) and mobile phones.</p>
Commitment offered	Research,Technology,Dissemination

Expectations

Term commitment:	Long (> 3 years)
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**Expected results
for your
organisation:**

Development and dissemination of new wireless data collection technologies using mobile phones and Near Field Communication (NFC) in the field of electronic Patient Reported Outcome (ePRO), telemonitoring, eHealth applications, care management, monitoring, pharmacovigilance