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Success Story of Sowoon Technologies Sàrl

EU FP Project : EUClock

Project Title: European Programme for Circadian Research

Call details:

Priority : LSH
 Submission date : 16.11.2004
 Reference : LSH-2004-1.1.5-4

Project type:

- Integrated Project Network of Excellence Specific Targeted Research Project

Website: www.euclock.org

Project Abstract: The circadian clock is a basic biological process that enables organisms to anticipate daily environmental changes by adjusting behaviour, physiology and gene regulation. A critical feature of the clock is its synchronisation to the external conditions during the day. The difficulty of certain individuals to adapt the internal biological (or circadian) clock to their socio-professional activities generates fatigue and stress that could lead to increased level of mistakes and accidents, loss in productivity, as well as long and short term health risks. In EUCLOCK, researchers from 28 partnering organisations, among which six from Switzerland, investigate the circadian clock using the most advanced methods. Protocols, devices, and algorithms will be developed enabling, for the first time, large-scale research on human entrainment in the field.

Consortium composition : 28 partners from 10 countries

Ludwig-Maximilians-Universitaet Muenchen	DE	Medical Research Council	UK
University of Fribourg	CH	Centre National de la Recherche Scientifique	FR
Institut National de la Santé et de la Recherche Médicale.	FR	Université de Genève	CH
University of Padova	IT	The University of Surrey	UK
Rijksuniversiteit Groningen	NL	Institute of Physiology Academy of Sciences of the Czech Republic	CZ
University of Regensburg	DE	Erasmus MC	NL
Imperial College London	UK	University of Basel	CH
Charité Universitätsmedizin Berlin	DE	Institute of Internal Medicine, Siberian Branch of the Russian Academy of Medical Sciences	RU
University of Leicester	UK	LUX Biotechnology Ltd	UK
Leiden University Medical School, Dept Neurophysiology	NL	Lichtblick	DE
GSF-National Research Center for Environment and Health	DE	NewBehavior	CH
Estonian Biocentre	EE	Personal Health Institute International	NL
University of Edinburgh	UK	Sowoon Technologies Sàrl	CH
Biological Research Center	HU	Bühlmann Laboratories AG	CH

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Sowoon Technologies is a Swiss high technology company, focused on delivering customer value by state-of-the-art human alertness and attention monitoring solutions and technologies. Sowoon's next generation non-intrusive devices are targeted for real-time driver alertness and shift-worker vigilance monitoring purposes.

The team of Sowoon consists of senior technical experts in biophysical signal capturing, wireless communications, human-machine interfaces, and algorithm development.

The advisory team has business background in global logistics industries, medical device industries multiple high technology start-up companies; and venture capital services. All team members have a broad experience with national as well as European funded projects.

Sowoon Technologies Sàrl in EUClock

With the project **EUCLOCK**, **Sowoon Technologies Sàrl** gets an unique opportunity to introduce new generation of sensing devices as well as to collaborate with internationally recognised scientists in the field.

Dr. Ninoslav Marina, Product Marketing Director of Sowoon Technologies about the project: "We at Sowoon are highly motivated

to complete our tasks and to learn new things while interacting with the other project partners. For a small company like Sowoon, it is an excellent opportunity to participate in such a multidisciplinary and state-of-the-art project."

SMEs go LifeSciences partner (EURESEARCH) assisted by trying to find a consortium where Sowoon could fit in and insert their knowledge.

SMEs go LifeSciences partner :

EURESEARCH - www.euresearch.ch
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