



GENOMICS FOR LIFE®

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ITT – Advanced Medical Technologies is a biotechnology company situated in Turkey. Established by ITT, **GENAR Biotechnology and Molecular Genetics Research and Implementation Laboratories** situated in Hacettepe University Science and Technology Park, are the first high-throughput molecular genetics laboratory in Turkey and with its technical infrastructure, the most developed genetic analysis laboratory in the region. A complementary part of GENAR is **TOGEN – Center for Public Health Genomics and Personalized Medicine**, which focuses on responsible and effective integration of genome-based knowledge and technologies into public policy and into health services for the benefit of population and individual health. TOGEN is the third public health genomics center in Europe and a cooperating institute of PHGEN – Public Health Genomics European Network.



Success Story of

ITT – Advanced Medical Technologies

EU FP Project : EPICURE

**Project Title: Functional Genomics and Neurobiology of Epilepsy:
A Basis for New Therapeutic Strategies**

Call details:

Priority : LSH
Submission date : 9.11.2006
Reference : LSH-2005-2.1.3-2

Project type:

- Integrated Project
- Network of Excellence
- Specific Targeted Research Project

Project Abstract:

Epilepsies are chronic disorders with a prevalence of 1% worldwide including Europe. This project will identify disease-causing genes and their functional role in the pathophysiology, using advanced methods. **EPICURE** aims at developing more effective antiepileptic strategies, at understanding the biological and pharmacogenetic bases of pharmacoresistance and at evaluating the potential of innovative therapeutic approaches. EPICURE intends to bring together expertise from different research areas with the goal of advancing European epilepsy research to bring about novel therapeutic benefits to patients.

Consortium composition : 29 partners from 12 countries

Regione Lombardia Fondazione IRCCS di rilievo nazionale Istituto Nazionale Neurologico "C. Besta"	IT	Fondazione Istituto Neurologico Casimiro Mondino	TR
Institut National de la Sante Et de la Recherche Medicale	FR	Kuopion Yliopisto	FI
Università degli Studi di Verona	IT	Philipps-Universitaet Marburg	DE
Friedrich Alexander University of Erlangen-Nurnberg	DE	Fundación Jiménez Díaz UTE	ES
Magyar Tudományos Akademia Kiserleti Orvos-tudományi Kutointezet	HU	Università degli Studi di Ferrara	IT
IRCCS Stella Maris Foundation and University of Pisa	IT	Medizinische Universität Innsbruck	AU
Universitaetsklinikum Bonn	DE	University College London	UK
Charité Universitätsmedizin Berlin	DE	Istituto di Ricerche Farmacologiche Mario Negri	IT
Lunds Universitet	SE	Istituto Giannina Gaslini	IT
Universitair Medisch Centrum Utrecht	NL	<i>SME</i> OZ Biosciences	FR
Helsingin yliopisto	FI	<i>SME</i> ITT - Advanced Medical Technologies	TR
Universitätsklinikum Ulm	DE	<i>SME</i> Ns gene A/S	DK
Johannes Gutenberg Universität Mainz	UK	<i>SME</i> Neurokin SARL	FR
Istanbul Universitesi	TR	<i>SME</i> CF consulting Finanziamenti Unione Europea s.r.l.	IT
		<i>SME</i> International Bureau for Epilepsy IBE	SE

ITT – Advanced Medical Technologies in EPICURE

ITT will contribute to EPICURE project by carrying approximately 800.000 genotyping on 2000 samples collected from Europe by project partners. Dr. B. Serdar Savas, CEO: "As well as our contribution to this project with effective and efficient high-throughput genotyping, we expect to create opportunities stemming from the project in other aspects as well. GENAR will gain experience with this extensive genetic analysis work and TOGEN will evaluate the potential to transfer new genetic knowledge to clinical service within the frame of public health genomics. Of course, the possibility of future international collaborations with the project partners of the

consortium, which has a high standing recognition in the international neuroscience community, is of great value for us".

SMEs go LifeSciences partner (Tubitak): ITT is one of the leading biotechnology SMEs in Turkey which has actively taken part in the Framework Programme activities of the National Coordination Office in TUBITAK. ITT's and their established laboratory GENAR's researchers used SMEs Go LifeSciences database very efficiently for their partner search during the 4th call. Their profile is one of the oldest in the Turkish profile list, which is updated regularly.

SMEs go LifeSciences partner :

TUBITAK - <http://www.tubitak.gov.tr>

Contact Person : Ahu Yucesoy - ncplife@tubitak.gov.tr

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