

Date

 Deadline
CONTACT

Organisation	Innsbruck Medical University	Department	Clinical Division of Gastroenterology
Contact person	Zoller Heinz	Male/female	Male
Address	Anichstrasse 35	Email	Heinz.Zoller@uibk.ac.at
Postcode	A-6020 Innsbruck	Fax	0043 512 504 23306
City	Innsbruck	Website	www.uibk.ac.at
Country	AUSTRIA		

Are you familiar with the European Framework Programme?

 YES NO

PROJECT
**Title Fast and Integrated Serum & DNA Chip:
An Analytical Platform for Metabolic Diseases**
Acronym FIS & CHIPS

Project type	<input checked="" type="checkbox"/> Integrated Project	<input type="checkbox"/> Network of Excellence	<input type="checkbox"/> STREP	<input type="checkbox"/> Other: _____
Status	<input checked="" type="checkbox"/> planned for submission	<input type="checkbox"/> running EU project		
Call references				

Priorities' Main Research Areas

Life Science, genomics and biotechnology for health
LSH-2005-1.2.2-1: High throughput molecular diagnostics for hereditary diseases - INTEGRATED PROJECT. The project should lead to the development of advanced tools by incorporation of genomics, proteomics and metabolomics in combination with advanced read-out technology. Deliverables must be the development of high throughput, sensitive, reliable and especially cost effective diagnostic and pre-symptomatic methods, which display clear advantages over currently available genetic tests. The project must address quality assurance issues and should offer opportunities for industrial exploitation and involve SMEs. Consideration may be given to ethical issues related to the diagnosis of hereditary diseases.

Workprogramme Topic
LSH-2005-1.2.2-1
Project description

Most inherited metabolic diseases are rare diagnosis is complex and currently based on genetics, biochemistry and enzymology.
 We propose to develop integrated "cluster chips" that allows integrated and rapid analysis for rare metabolic syndromes. Primary a mass spectrometry based array of analytes will be developed. Analytes will be chosen on a functional basis and their relationship in metabolic pathways so that rare syndromes can be diagnosed or excluded rapidly and accurately

SMEs go LifeSciences
Activities supporting SME participation in the instruments particularly Integrated Projects and Networks of Excellence - in the areas of Life Sciences in the 6th Framework Programme

Co-funded by the European Commission

www.smesgolifesciences.org

Keywords	hereditary disease, metabolic syndrome, mass spectrometry, cluster chip		
Partners already involved	Kherion Technology, Ltd; Cambridge University Department of Medicine		
Project budget (for the running projects)	/	Budget reserved for SMEs	/

Profile of SME sought

Role	<input checked="" type="checkbox"/> technology development	<input type="checkbox"/> research	<input type="checkbox"/> training
	<input checked="" type="checkbox"/> dissemination	<input checked="" type="checkbox"/> demonstration	<input type="checkbox"/> other _____
Country /region	Any european country		
Start of partnership	<input type="checkbox"/> start-up phase	<input type="checkbox"/> mid-term	<input type="checkbox"/> end-phase
Expertise required	Development & Application of Mass spectrometers Development & Application of Chip technology Development & Application of DNA, PCR and sequencing technology Development & Application of biomolecule separation		

I agree with the publication of my data

PLEASE FILL IN THE PARTNER SEARCH FORM AND RETURN IT TO:
Dr. Astrid Hoebertz, FFG/EIP, astrid.hoebertz@ffg.at