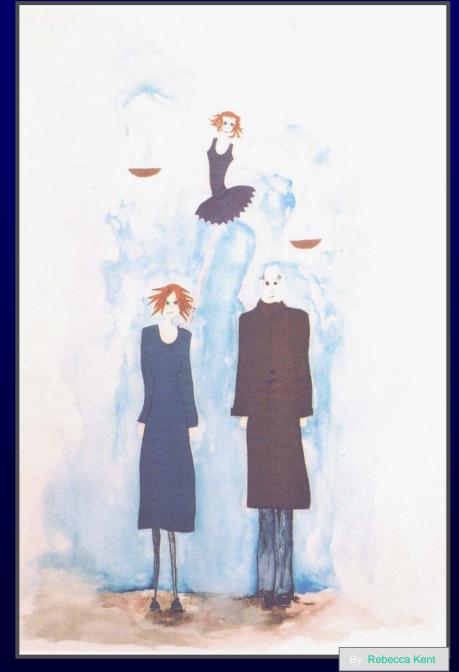




Prof Brian Fowler, Lead Scientist for Biochemical Genetics

Co-ordinator: Jean-Jacques Cassiman K.U. Leuven, Belgium



#### EU 25 Representatives meeting December 2 2005 Programme

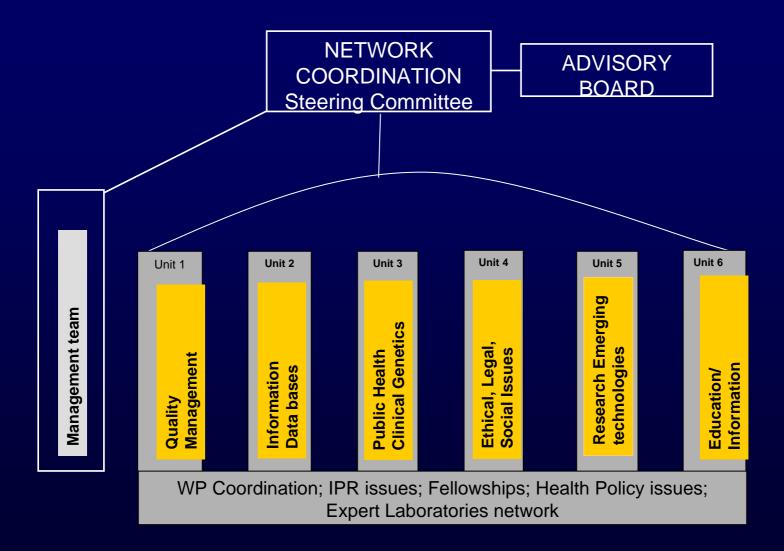
	1 1 3 3 1 3 1 1 1			
10:00	Introduction: ERNDIM Background	, Overview of schemes and		
	perspectives, aims of project Jin	m Bonham for Brian Fowler		
10:20	Introduction of participants: strengths and weaknesses in individua			
	countries (ca. 3 minutes each) Ev	veryone		
11:30	Quality control internal / external, why and how: special problems			
	IEM	eo Spaapen		
11:45	Best practice / EQA experience: Amino acids / cystine			
	Le	eo Spaapen for Brian Fowler		
12:00	0 Best practice / experience: Organic acids			
	Jiı	m Bonham		
12:15 Best practice / experience: Acyl Ca		rnitines		
	Cl	harles Turner		
12:30	Best practice / experience: Purines	/ pyrimidines		
	Jo	orgen Bierau		
12:45	Best practice / experience: Proficie	ncy schemes		
	Cl	nristine Saban		

13:00 Lunch

#### EU 25 Representatives meeting December 2 2005 Programme

14:00	General aspects of diagnostic guidelines: UK experience Jim Bonham
14:20	Needs assessment and review of IMD services in the UK Anne Green
14:40	Work in five groups on needs / deficits in individual countries. selected groups (see list for group distribution)
15:40	Presentation and discussion of group work
16:30	Summary and conclusions and future
17:00	Close of Meeting

#### **Network of Excellence: "EUROGENTEST"**





### Relation between the units, activities and workpackages



Quality Management and Accreditation / Certification of Genetic Testing

Elisabeth Dequeker (BE) / Michael Morris (CH)

Activity 1.1
Quality
Procedures
Elisabeth
Dequeker (BE)
Michael Morris

(CH)

Activity 1.2 QAu Database

Elisabeth Dequeker (BE) Michael Morris (CH) Activity 1.3
Quality
Assessment
Schemes
Rob Elles (UK)
Clemmens
Müller (DE)
Ros Hastings
(UK)

Activity 1.4
Reference
Systems
and
Procedures

David Barton (IE) Christof Klein (BE) Activity 1.5 'Generic' method SOP

Gert Matthijs (BE) Milan Macek (CZ)

**WP 1.1** 

**WP 1.2** 

WP 1.3 Molec

Brian Fowler (CH)

WP 1.4 Cyto

WP 1.5 Biochem.

**WP 1.6** 

**WP 1.7** 





### **EUGT Work package Biochemical Genetics**

### Objectives of the work package

- To expand opportunities for Biochemical Genetic testing laboratories in EU25 to participate in EQA
- To link Internal Quality Control and EQA through consensus discussion on best practice

### **EUGT Work package Biochemical Genetics**

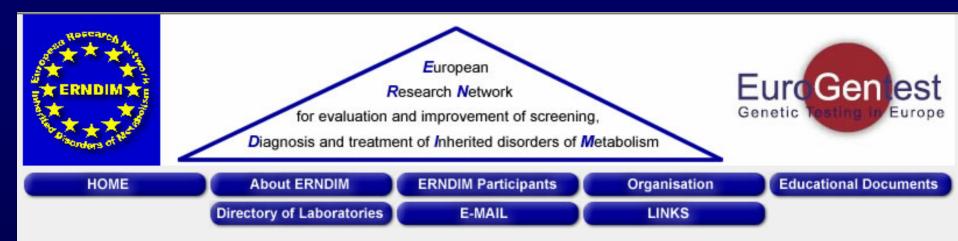
### Activities to meet objectives

- 1) Inclusion of complete data on biochemical genetics labs in the ERNDIM web site directory
- 2) Best practice meetings and development of poor performance criteria
- 3) Expansion of pediatric biochemical genetic EQA in EU25
- 4) To explore standard methodologies and standard reporting procedures
- 5) Coordination of IntQA, EQA and accreditation

### EUGT Work package Biochemical Genetics Work done Months 1-12

- 1) Directory: Trial version completed
  - all lab info available mounted partcipant contacted to update November
  - open to public / new participants December 2
  - meeting held with A. Green? link to UK DirectoryOctober

#### ERNDIM web-site: www.erndim.ch

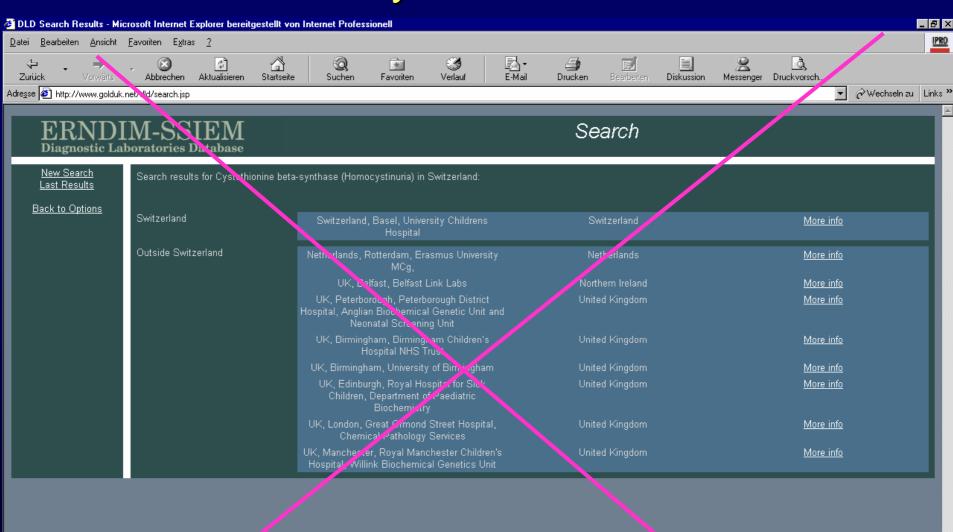


ERNDIM is now synonymous with quality control of laboratory measurements within the field of the study of inborn errors of metabolism.

ERNDIM was founded in 1994 with its legal base in Maastricht, The Netherlands.

The full name of ERNDIM, the "European Research Network for evaluation and improvement of screening, Diagnosis and treatment of Inherited disorders of Metabolism" reflects the original ideals and vision of its founders.

### **Directory of Laboratories**



### **ERNDIM Laboratories Directory**



### ERNDIM

**Diagnostic Laboratories Database** 



Home

Laboratories

**Participants** 

Search

Links

E-mail

#### Introduction

The ERNDIM Directory of Laboratories which perform diagnostic tests in Inherited Metabolic Diseases is intended to aid specialist workers in the field in selection of laboratories for sample referral.

Tests, referred to as analytes, for single or groups of metabolites, enzyme activity and mutation analysis are included. In using the directory a specific analyte is chosen from the pull-down list and laboratories providing the service are listed, first from a specified country followed by other countries. Contact and other details of the listed laboratories are found under "more info".

Applications from laboratories wishing to be included in the directory or requests for inclusion of additional tests should be sent to the web site administrator (e-mail above).

#### Disclaimer

Information contained in this directory is provided by the individual laboratories who themselves are responsible for its accuracy.

The ERNDIM organisation takes no responsibility for the quality and reliability of the services provided by laboratories listed on this website which resides with individual laboratories.

The inclusion of a laboratory in this directory does not represent or infer endorsement by ERNDIM.

When considering referral of samples to a listed laboratory it is recommended that attention be paid to participation of the laboratory in external quality assurance schemes which can be found in the laboratory's own information sheet.

# Presentation of ERNDIM web-site and Lab directory

Piotr Litynski

# EUGT Work package Biochemical Genetics Activity 1: work planned months 13 - 30

### Directory of IEM labs

 Completion / update existing participants release for public access

month 12

Recruitment / incorporation further participants

months 13-18

 Maintenance / updating / co-ordination with other EUGT directories / national directories (e.g. UK model)

months 19-30

## EUGT Work package Biochemical Genetics Activity 2: work planned months 13 - 30

#### Best Practice and Performance Assessment

- Best Practice Guidelines, good/poor performance criteria developed at ERNDIM SAB / Exec. Comm.
- Standards for assessment of performance months 19- 24
  in biochemical genetics EQA
  (ERNDIM Board and Scientific advisors)
- Establishment of rules linking performance months 25 30 to certificate issue established and put into practice (ERNDIM Exec. Comm. and SAB)

## EUGT Work package Biochemical Genetics Activity 3: work planned months 13 - 30

### **Expansion in EU25**

Establishment of deficits and need months 13-18 in all EU countries, especially EU 16-25

 Establishment of additional ERNDIM Proficiency months 12 -24 test centre in Basel

2nd Best Practice Meeting / all EU25 Reps.

 On-site national or international workshops for methods and quality control months 21-30

## EUGT Work package Biochemical Genetics Activity 4: work planned months 13 - 30

### Standard methodologies

- Mucopolysaccharides (MPS), Organic Acids months 13-18
- Development of standard reporting procedures months 19-30
- Further standard methodologies
  - groups of biochemical genetic analytes
  - Purines/Pyrimidines, cystine
  - various special assays etc

months 19-30

## EUGT Work package Biochemical Genetics Activity 5: work planned months 13 - 30

### Co-ordination with other Genetic disciplines

 Meetings on knowledge exchange, harmonisation months 13-24 with Cytogenetics /Molecular Genetics partners

Instigation of harmonisation measures

months 25-30

Unit 1 meetings

months 13-30

This becomes new work package WP1.9

### **ERNDIM National Representatives**

Country	Name	Country	Name
Austria	Olaf Bodamer	Belgium	B. François
Czech	Pospisilova Eva	Cyprus	A. Drousiotou
Denmark	E. Christensen	Estonia	K. Ounap
Finland	Kari Pulkki	Hungary	Agnes Schuler
France	Christine Vaney-Sab	an Ireland	Richard Walsh
Germany	Langhans Claus-Dieter	ter Latvia	Parsla Vevere
Greece	Helen Michelakakis	Lithuania	Jurgita Songailiene
Italy	Amelia Morrone	Luxembourg	Jean-Paul Hoffmann
Netherlands	Leo Spaapen	Malta	
Portugal	M.M. Silva	Poland	Wanda Gradowska
Spain	Antonia Ribes	Slovakia	D. Behulova
Sweden	Elisabeth Holme	Slovenia	M. Zerjav-Tansek
Switzerland	Brian Fowler		
United kingdom	James Bonham		

### First meeting of EU25 national representatives

Aims

Information exchange on best practice in Biochemical Genetic Laboratory testing

Preliminary Assessment of Deficits and Needs for Biochemical Genetic Laboratory testing in all EU25 countries

Questionnaire analysis

# 2006 ERNDIM and EU25 national representatives meetings

No SSIEM (ICIEM in Japan )

**ERNDIM** meeting 2006

Day 1 DPT individual meetings

Workshop on Best Practice for group of analytes as in previous years

**ERNDIM Board meetings** 

Day 2 Extended EU 25 best practice meeting

Free communications

**Location Prague** 

Date 2nd. half October