

# REGIONAL COLLABORATIVE PROJECT - PRIORITY 1

## TRAINING PROGRAM IN NEWBORN SCREENING BY MS/MS

Biochemical Genetics Laboratory, Mayo Clinic College of Medicine - Rochester (MN), February 11-15,2008



BGL Personnel	Title
Piero Rinaldo, MD PhD	Project coordinator, lab director
Dimitar Gavrilov MD PhD, Dietrich Matern MD, Devin Oglesbee PhD, Kimiyo Raymond MD, Silvia Tortorelli, MD, PhD	Lab directors
R. Bonilla Guerrero MD, J. Lim PhD	Fellows
Mark Magera	BGL Development coordinator
David McHugh	Data management specialist

Participants	State
Scott Lowery	West Virginia (R2)
Lisa Bates-Dubrow	Arkansas (R5)
Fran Soderberg	Arkansas (R5)
Laura Vilarinho	Portugal (Int.)
Pallavi Patel	New Jersey (R2)

Practical	Presentation	LEGEND	Flex time	Conferences
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TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	TIME
8:00	Group assembly, tour of BGL, transfer to conference room	<b>REVIEW of daily results and REPORTING</b>	<b>REVIEW of daily results and REPORTING (including 2nd tier tests)</b>	<b>REVIEW of daily results and REPORTING (including 2nd tier tests)</b>	<b>REVIEW of daily results (participants are the PRIMARY REVIEWERS) and REPORTING</b>	8:00
8:30						8:30
9:00	<b>Introduction to MS/MS analysis (M. Magera)</b>					9:00
9:30						9:30
10:00	<b>AA/AC profile interpretation</b>	<b>2nd tier tests</b>				10:00
10:30						10:30
11:00	<b>Selection of cutoff values</b>	<b>Review 2nd tier test results</b>				11:00
11:30						11:30
12:00	Break (lunch)	Break (lunch)	Break (lunch)	Break (lunch)	<b>BGL Metabolic Conference</b>	12:00
12:30						12:30
13:00	<b>Examples of profile interpretation</b>	<b>Overview of databases and tools of the collaborative project</b>	<b>Discussion participants comparison tools (1)</b>	<b>FLEX TIME</b>	<b>FLEX TIME</b>	13:00
13:30						13:30
14:00						14:00
14:30						14:30
15:00	<b>How things look like at Mayo</b>	<b>REVIEW of daily results and REPORTING (with other BGL director)</b>				15:00
15:30						15:30
16:00	<b>Planning of FLEX time</b>	<b>REVIEW of daily results and REPORTING</b>				16:00
16:30						16:30
17:00	<b>REVIEW of daily results and REPORTING</b>	<b>REVIEW of daily results and REPORTING</b>	<b>Discussion participants comparison tools (2)</b>	<b>Group Dinner</b>	<b>Presentation of certificates, closure</b>	17:00
17:30						17:30
18:00						18:00

FLEX TIME OPTIONS	2nd tier tests (sample prep)	2nd tier tests (analytical)	Confirmatory testing	TP cases review
	Review of participants' own data, cases (if requested)		MS/MS troubleshooting	Tools customization
	MS/MS calibration, tuning	QC/QA process & procedures	Quiet time (at last)	Shopping