## **MAQC Project Meeting**

Monday-Tuesday, May 2-3, 2005 FDA Parklawn Building, Chesapeake Room 5600 Fishers Lane, Rockville, Maryland 20857

Teleconference dial-in:

Phone numbers: **888-829-8669**, +1-773-756-0169 (Intl call)

Passcode: 55706

## Day 1: 8:00 AM - 5:00 PM, Monday, May 2, 2005

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8:00	Welcome (Felix Frue	Welcome (Felix Frueh / Federico Goodsaid)	
8:15	MAQC and Other E	fforts on Microarray Quality Control and Standardization	
	(Leming Shi)		
8:30 Analysis of Datasets from the MAQC Pilot Str		s from the MAQC Pilot Study (Co-Chairs: Weida Tong and	
	Jacques Retief) (Each site has 10 mins for presentation and 5 mins for discussion.)		
	<b>Data Analysis Site</b>	<u>Presenter</u>	
8:30	Affymetrix:	Jacques Retief	
8:45	Agilent:	Paul Wolber	
9:00	Ambion:	Mike Wilson	
9:15	Applied Biosystems:	Lu Zhang	
9:30	Clontech:	Laurence Lamarcq	
9:45	GE Healthcare:	Rich Shippy	
10:00	Break		
10:20	Illumina:	Shawn Baker	
10:35	NCTR:	Leming Shi	
10:50	NIST:	Walter Liggett	
11:05	Stratagene:	Rob Clum	
11:20	UMass Boston:	Rick Jensen	
11:35	Discussion		
12:00	Lunch (on your own)		

1:00 RNA Samples (Co-Chairs: Jim Fuscoe and Paul Wolber)

Decision on the Two RNA Samples

Logistics on the Manufacture and Distribution of RNA Samples

Titration Strategies for Assessing the Quality of Microarrays (Co-Chairs: Uwe Scherf and Paul Wolber)

2:00 Rich Shippy: GEHC's RNA-mixing study
2:10 Shawn Baker: Illumina's RNA titration study
2:20 Doug Lane: ViaLogy's calibration study

2:30 Discussion

3:00 Break

Verification with Independent Platforms (Co-Chairs: Federico Goodsaid and Paul Wolber)

- 3:20 Lu Zhang: TaqMan (Applied Biosystems)
- 3:40 Yuling Luo: QuantiGene (Genospectra)
- 4:00 Discussion
- 5:00 Close of Day 1

## Day 2: 8:00 AM - 12:00 PM, Tuesday, May 3, 2005

MAQC Main Study (Co-Chairs: Uwe Scherf and Wendell Jones)

8:00 Review of Slides Presented at the First MAQC Meeting on February 11, 2005 (Leming Shi)

8:15 Assessing Precision and Reproducibility

Number of days

Number of replicates

Number of test sites per platform Number of arrays per test site

Number of arrays to be contributed by each platform provider

Quality control parameters

10:00 Break

10:20 Assessing Accuracy (Biases)

**ORT-PCR** 

OuantiGene

**Titration** 

Others

Timeframe

July-August, 2005

**Rodents** 

12:00 pm Close of Meeting

# The hotels will provide shuttle services to the FDA Parklawn building. *Leaves hotel at 7:30 AM.*

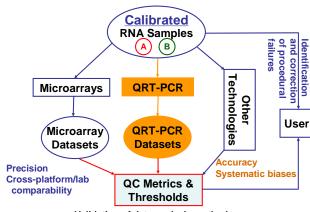
### **DoubleTree Rockville**

1750 Rockville Pike, Rockville, MD 20852 Phone: 301-468-1100, Fax: 301-468-0163 http://www.doubletreerockville.com/

#### Ramada Inn Rockville

1775 Rockville Pike, Rockville, MD 20852 Phone: 301-881-2300, Fax: 301-881-9047 http://www.ramadainnrockville.com/

### The MAQC Project: Microarray Quality Control



Validation of data analysis methods