

AGENDA FOR 2002 MICROARRAY RETREAT

Day 1 – September 15th

| TIME | TOPIC | LECTURER/LEADER |
|--------------|---|-----------------|
| 7:00 - 8:30 | Dinner | |
| 8:30 - 11:00 | Welcome Reception – join us as you arrive | |

Day 2 - September 16th

| TIME | TOPIC | LECTURER/LEADER |
|---------------|---|---------------------|
| 8:00 – 9:00 | Breakfast | |
| 9:00 – 9:20 | Administrative items: Welcome | David Allison |
| 9:20 – 9:50 | Talk I: Modeling variance as a function of intensity in microarray experiments. | Alexandre Bureau |
| 9:50 – 10:20 | Talk II: Normalization | Mary Putt |
| 10:20 – 10:40 | Break | |
| 10:40-11:10 | Talk III: Data Filtering for Affymetrix Arrays | Jeanette McClintick |
| 11:10– 12:00 | Brainstorming: Making microarray data more accessible and interpretable to biologists | David Allison |
| 12:30 – 1:30 | Lunch | |
| 1:30 – 6:30 | Free Time | |
| 6:30 – 8:00 | Dinner | |
| 8:00 – 8:30 | Journal club/Talk IV: Design | Xiangyang Kong |
| 8:30 – 9:00 | Journal club/Talk V: Power & Sample Size Estimation in Microarray Research | Jode Edwards |
| 9:00-9:30 | Talk VI: Analysis of Mass Spectrometry dataset | Baolin Wu |
| 9:30 – 9:50 | Evening Break | |
| 9:50 – 10:20 | Talk VI: Integrating Genomic Arrays with Expression Arrays: First the Geography then the History. | V.S. Venkatraj |

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| 10:20– 10:50 | Discussion of Book to be Published and Invitation to Contribute. | David Allison |
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Day 3 – September 17th

| TIME | TOPIC | LECTURER/LEADER |
|--------------|---|--------------------------------|
| 8:00 – 9:00 | Breakfast | |
| 9:00 – 9:20 | Administrative items: Advisory Board | David Allison |
| 9:20 – 9:50 | Talk I: Mixture and EB approaches | David Allison |
| 9:50 - 10:20 | Talk II : Funnel algorithm | Jaap Brand |
| 10:20– 10:40 | Break | |
| 10:40– 11:10 | Talk III: | Ilias Alevaris and Jatin Misra |
| 11:10-11:40 | Talk IV: Meta analysis of Microarray studies | Grier P Page |
| 11:40– 12:00 | Open Discussion/Brainstorming | David Allison |
| 12:00 – 1:30 | Lunch | |
| 1:30 – 6:00 | FREE TIME | |
| 6:30 – 8:00 | Dinner | |
| 8:00 – 8:30 | Talk IV: Motif-based regression analysis of microarray data | Harmen Bussemaker |
| 8:30 - 8:45 | Talk V: Application of the REDUCE algorithm and transcription profiling to understand sterol homeostasis in yeast | Lisa Wilcox |
| 8:45-9:15 | Talk VIII: Detection of regulatory sites in the small intestine in humans | Claus Ekstroem |
| 9:15-9:45 | Break | |
| 9:45-10:15 | Talk VIII: Caloric restriction and aging | Rick Weindruch |
| 10:15-11:00 | Brainstorming | |

Day 4 – September 18th

| TIME | TOPIC | LECTURER/LEADER |
|--------------|--|------------------------------------|
| 8:00 – 9:00 | Breakfast | |
| 9:00 – 9:30 | Administrative items: Scholar Exchange Program | David Allison |
| 9:30 – 10:00 | Talk I: Database Interoperation In The Context Of Integrated Microarray Data Analysis | Kei Cheung |
| 10:00– 10:30 | Talk II: Managing and analyzing microarray expression data | Misha Kapushesky |
| 10:30 –11:00 | Break | |
| 11:00– 11:30 | Talk III: Program demonstration: AMADA, for Analyzing Microarray Data | Xuhua Xia |
| 11:30-12:00 | Talk IV: In-silico Identification of Cellular Pathways Implicated in Cancer | Nigam Shah |
| 12:00-12:30 | Open Discussion/Brainstorming | David Allison |
| 12:30 – 2:00 | Lunch | |
| 2:00 – 6:00 | FREE TIME | |
| 6:30 – 8:00 | Dinner | |
| 8:00 – 8:30 | Talk VII: Studying the Molecular Mechanisms of Hibernation Using Cross-Taxa Microarray Hybridization: A Decision Theoretic Approach. | Adlai Burman |
| 8:30 - 9:00 | Talk VI; Characterization, diagnosis & prognosis of CTCL from cDNA microarrays. | Andrey Laboda and Michael Nebozhyn |
| 9:00 - 9:30 | Talk VII: Use of Gene Expression Data in Cancer Diagnosis | Heping Zhang |
| 9:30 – 9:50 | Evening Break | |
| 9:50 – 10:20 | Journal Club: Microarrays and clinical trials | Chris Coffey |
| 10:20-11:00 | Brian storming: real data issues | Grier Page |

Day 5 – September 19th

| TIME | TOPIC | LECTURER/LEADER |
|--------------|--|------------------------|
| 8:00 – 9:00 | Breakfast | |
| 9:00 – 9:30 | Talk I: New algorithm for expression profile Clustering | Andrey Ptitsyn |
| 9:30 – 10:00 | Talk II: Machine learning techniques applied to clustering microarray data | Brendan Mumey |
| 10:00 -10:30 | Talk III: Assessing Cluster Stability & Significance – Resampling & Related Techniques | Bernie Gorman |
| 10:15– 10:30 | Break | |
| 10:45– 11:15 | Talk IV: Principal components Analysis and Related Techniques | Zhen Zhang |
| 11:15-11:45 | Talk VI: Microarray Analysis as a Tool in Genetic Analysis of Complex Traits | Daniel Pomp |
| 11:30– 12:00 | Closing statements | David Allison |
| 12:00 – 1:30 | Lunch and closing statements | |