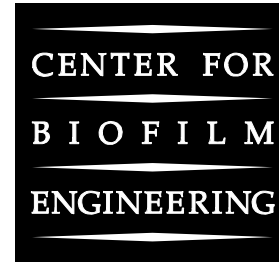


Biofilm Methods Workshop

June 19, 2006

Agenda



- 8:30 – 9:10** **Introduction to Biofilm Study** - Paul Sturman, Industrial Associate Coordinator, **EPS Room 323**
- 9:10 – 10:00** **Standardized Biofilm Methods** – Darla Goeres, Marty Hamilton
- **Standardize a research method for routine use**
 - **Experimental design**
 - **Statistics**
 - **Biofilm growth reactor choice**
- 10:10 – 10:15** **Coffee Break/discussion**
- 10:15 – 12:00** **Molecular Biofilm Techniques: FISH Probing of biofilm** – Rick Veeh, Kelli Buckingham Meyer, Diane Walker, **EPS 312**
- **Sectioning of a colony biofilm**
 - **Introduction to FISH**
 - **Preparation of FISH biofilm sample**
- 12:00 – 1:15** **LUNCH** – Habit Restaurant, MSU Campus
- 1:15 – 1:45** **Molecular Biofilm Techniques: Community analysis of wound biofilm using DGGE** – Pat Secor, **EPS 316**
- 1:45 – 2:15** **Molecular Biofilm Techniques: Pathogen Detection** – Stewart Clark, Wesley Bauman, **EPS 336**
- 2:15 – 3:45** **Molecular Biofilm Techniques: FISH Part II, Microscopy** - Rick Veeh, Kelli Buckingham Meyer, Diane Walker, **EPS 327**
- 4:00 – 4:20** **High Throughput Screening: Microtiter plate methodology** – Laura Bickle, Amy Martin
- 4:25 – 4:45** **Porous Reactors and the CO2 Project** – Adrian Phillips
- 4:45 – 5:00** **Wind up/discussion**