



**CONFERENCES & MEETINGS**

**Grand Rounds**  
**Thursday, Feb. 26, 2004, 8:00 AM**  
**Clinic Auditorium**

**James F. Donohue, M.D.**  
Professor, Medicine  
Chief Pulmonary Medicine, UNC

**COPD: New Developments, New Hopes for our Patients**

**FROM DIVISIONS**

- **James R. Yankaskas, M.D.**, Professor, Pulmonary Medicine, co-chaired a consensus conference sponsored by the Cystic Fibrosis Foundation on "Cystic Fibrosis Adult Care". The consensus report, including data and recommendations, has just been published in CHEST, Volume 125, Number 1 Jan. 2004 Supplement, 1S-395.
- **Myron S. Cohen, M.D.**, J. Herbert Bate Distinguished Professor Medicine, Chief, Infectious Diseases was granted a Kenan Sabbatical leave for Spring Semester 2005. He will spend this at the London School of Hygiene and Tropical Medicine and Imperial College of London.

**ANNOUNCEMENTS**

- **100% of DOM faculty have completed and submitted conflict of interest or commitment forms.** Congratulations!
- UNC Heart Center Grand Rounds. Wednesday, February 25th- 7:30-8:30am, 321 MacNider. **Diagnosis and Management of Congenital Heart Disease in The Adult ASD, Correlation, Tetralogy, and Coronary Anomalies.** Richard Liberthson, M.D., Cardiac Unit Massachusetts General Hospital, Director Congenital Heart Disease.

**FROM THE CHAIR'S OFFICE**

Core facilities play an important role in our research and because of this the Research Advisory Committee has for the last two-years devoted a breakout session on the topic of "new and upcoming cores". I am using this column to share with you the two cores discussed at the January retreat. Cam Patterson, M.D., chaired the session, and provided the paragraphs.

**Structural Biology Core Facility - Matt Redinbo, Ph.D., Director**

This core facility provides 3 integrated services: Molecular modeling, NMR solution structure,

and X-ray crystallographic structural determination. The facility is open for training to all investigators. In addition, core services are provided on a fee-for-service basis. Dr. Redinbo estimates that the core can provide services to 15-25 groups in each area, per year. At present the core has the capacity to undertake additional studies, including assistance in interpreting structural results provided in the literature, and Dr. Redinbo is anxious to work with investigators from the Department of Medicine.

**Cardiovascular Mouse Models Core Facility - Susan Smyth, M.D., Ph.D., Director**

This core facility provides both invasive and noninvasive services for measuring multiple parameters of cardiovascular function in mice. High-throughput non-invasive screens are available for analysis of parameters such as blood pressure, heart rate, electrocardiography, cardiac output, and arterial compliance. This is an excellent screening tool for genetically modified mouse models. In addition, more sophisticated analyses such as ultrasound biomicroscopy and hemodynamic monitoring for cardiac function and invasive analyses of cardiac function are available. The facility also provides a wide range of cardiovascular disease models, including aortic banding for hypertrophy, various sophisticated thrombosis models, and transplantation vasculopathy models. The facility employs a full-time vascular surgeon and in addition to existing models can work with investigators to develop new mouse cardiovascular models. Services are provided on a fee-for-service hourly basis.

Attendees at Cam's session also recommended that the Department obtain a complete listing of UNC core facilities to include up-to-date background, services provided, communication and fee information. We have linked to this newsletter to 2 lists - one by core title at [medicine.med.unc.edu/res/cfbytitle.xls](http://medicine.med.unc.edu/res/cfbytitle.xls) and the other by director name at [medicine.med.unc.edu/res/cfbydirector.xls](http://medicine.med.unc.edu/res/cfbydirector.xls). If you are a core user, please review and let Rosemary know if a core has been missed or is incorrectly listed. Once this project is complete, we will disseminate and place on the DOM Website.

Finally, you may have heard that Dr. Roper asked me to assume a new role as president of UNC Physicians. I will continue as Chair of the Department of Medicine. Next week, I will write an overview of new challenges and opportunities as I see them.

Questions or submissions, contact [Rosemary\\_Simpson@med.unc.edu](mailto:Rosemary_Simpson@med.unc.edu)