

# CCMTR News

VOLUME 1, ISSUE 1

MARCH 12, 2007

## New Service Core is Slated to Open

The Center has established its first service core, the Clinical Studies Core (CSC). The CSC consists of two services, the Clinical Genomics Resource Laboratory (CGRL) and the Clinical Trials Program (CTP).

The CGRL will provide oversight for a biospecimen repository. This repository will store tissue samples as well as DNA that will support ongoing and developing veterinary and translational research. The director of this arm of the core is Dr. Matthew Breen, associate profes-

sor of genomics and the CGRL coordinator is Ms. Xandi Hamilton.

The CTP will facilitate clinical trials by providing organizational and technical support. This support will include publicizing studies and case recruitment, as well as support for the collection and processing of samples. This portion of the core is under the direction of Dr. Karen Munana, associate professor of neurology. A coordinator will be hired in the near future.

The steering committee

will oversee, solicit and review proposals for use of the two services. Proposals will be evaluated on the scientific merit, amount of support requested and funding availability.

The CSC is located in B-234 CVM in the Firestone wing. For further information regarding the CGRL contact Dr. Matthew Breen and for the CTP contact Dr. Karen Munana.

Center members can look forward to more details about this new service in the near future.



### INSIDE THIS ISSUE:

---

New Members 2

---

Affiliate Members 2

---

Logo Use 2

---

## Highlighted Research—Dr. Olivry

Dr. Thierry Olivry is the leader of the allergic diseases core and a professor of immunodermatology.

Dr. Olivry's research involves the investigation of autoantigens involved in canine pemphigus foliaceus (PF) including desmoglein-1 (DSG-1). These studies have provided insight into the immunopathogenesis of PF and demonstrated that PF, in dogs, is a collec-

tion of autoimmune diseases with similar clinical manifestations. He hopes to develop diagnostic tests that will more specifically categorize patients diagnosed with PF, which is expected to lead to more customized and efficacious therapeutic strategies.

Dr. Olivry has also made substantial contributions to the treatment of atopic dermatitis (AD). He has

performed much of the seminal work characterizing the cellular and cytokine responses that underlie the clinical manifestations of the disease in dogs. He has investigated the mechanisms of action and clinical efficacy of several therapeutic agents including Atopica (cyclosporine A). He continues to search for preventative approaches and is collaborating with other researchers. **Olivry (cont. page 2)**

### Pilot Grant Schedule

- April 16 - Pilot Grant applications available
- May 4 - Research Symposium (tentative)
- May 25 - Grants due
- June 16 - Awards announced
- July 1 - Funding begins
- For more information - <http://www.ncsu.edu/ccmtr/PilotProjects.htm>

## New Members Announced

Two new members were added to the Center in January 2007, Dr. Arnold Brody from the Department of Molecular and Biomedical Sciences (CVM) and Dr. Alex Deiters from the Chemistry Department (PAMS).

Dr. Brody's research focuses on the biochemical and molecular mechanisms that mediate fibroproliferative lung disease caused by inhaling environmental agents. He joins the Mucosal Pathophysiology and the Oncology Cores.

Dr. Deiters' research focuses on developing novel chemical tools

*"Two new members...  
Dr. Arnold Brody...  
and Dr. Alex Deiters*

to answer biological questions with a particular emphasis on the elucidation of gene functions. He joins the Clinical Genomics Core

## Olivry (cont.)

rating with RIKEN, a Japanese federal institute of allergy and immunology. He is joined in this effort by other members of the Allergy Core and two visiting scientists from Japan to investigate novel innate immunomodulators. He is also leading a study that aims to define the genetic linkages associated with AD in West Highland White Terriers as a means to reduce the incidence of disease through selective breeding.

## Notes

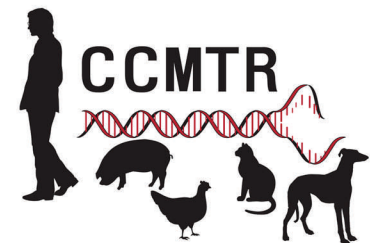
### Affiliate Members

All graduate students, post-doctoral students and technicians who are members of laboratories of Center faculty are considered affiliate members of the Center. This means that they are welcome at all symposiums and workshops, as well as able to use services provided to members. Faculty members are encouraged to share Center communications with their

laboratory. Participation by these important individuals will be critical for the success of the Center.

### Logo Use

The Center logo is available for your use in Powerpoint and poster presentations. Please contact Linda at [linda\\_costine@ncsu.edu](mailto:linda_costine@ncsu.edu) or 515-8113. Members are encouraged to cite the Center in



publications. This is an important part in promoting the Center.

### CENTER FOR Comparative Medicine and Translational Research

College of Veterinary Medicine  
North Carolina State University  
4700 Hillsborough Street  
Raleigh, NC 27606

Phone: 919.515.8113  
Fax: 919.515.2044

E-mail: [linda\\_costine@ncsu.edu](mailto:linda_costine@ncsu.edu)

*The mission of the CCMM is to enhance collaborative, interdisciplinary approaches for the comparative study of the molecular aspects of animal diseases. In particular, the center will strive to support interactions between clinical and basic research groups within the College of Veterinary Medicine and the university community.*

**We're on the Web!**  
[http://www.ncsu.edu/  
ccmtr/](http://www.ncsu.edu/ccmtr/)