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# BILLIAR LAB NEWS

Volume 14, Issue 1

August/September 2012

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## Colony Status: As of 9/21/12

### Established Colonies

iNos KO

Trifl<sup>PS-2</sup>

CD14 KO

Myd88 KO\*

Myd88 WT\*

TLR9<sup>CpG1/CpG1</sup> (formerly known as CpG1 KO)

J $\alpha$ 281<sup>-/-</sup> (formerly known as NKT KO)

HC TLR4 KO

TLR4 flox

TLR4 KO(global)

Het TLR4KO/TLR4flox

RAGE KO

C3 KO

TLR2 KO

Caspase1KO\*

DC TLR4 KO

TLR4 KO/TLR9<sup>CpG1/CpG1</sup>

Nalp 3 KO\*

TLR4 KO/RAGE KO

Lyz Cre TLR4 KO

Adipose TLR4KO

HMGB1 flox

HC HMGB1 KO

NFKB luc

NFKB WT

AIM2 KO Will begin ordering N6 AIM2 <sup>-/-</sup> mice on a C57Bl/6 background from Jax when available for purchase, hopefully before the end of the year.

Pf4cre<sup>TLR4</sup> KO small quantities

### Colonies in Development (Estimated release date)

Pf4creHMGB1flox

TLR4 KO x TLR2 KO (Set up; no pups yet)

ATF3 KO On order/to be quarantined

### Planned Double KO (Estimated release date)

### Strains Available from Collaborators

CAV KO (Michael Bauer)

IFNabR KO (M. Bauer)

IRF-2 KO (David Geller)

eNos GCHtg (A. Chen)

TSP-1 KO (A. Chen)

TSP-2 KO (A. Chen)

CD36 KO (A. Chen)

hph-1 (A. Chen)

GDF-15 KO (Yoram Vodovotz)

### Rederivation Strains

### Cryopreserved Strains

eNos tg

CD36 KO

TLR2 KO

AIM2 KO

EGR1 KO

IFNabR KO

### Stud Colonies

TLR4 KO x CD11c

TLR4 KO x Albumin Cre

HMGB1 flox x Albumin Cre

TLR4 x Fab cre (for Adipose<sup>TLR4</sup>KO)

TLR4 KO x Lyz Cre

HMGB1 flox x Pf4-cre

TLR4 KO x Pf4-Cre

To reserve mice, contact Deb Williams ([williamsd8@upmc.edu](mailto:williamsd8@upmc.edu)). Some colonies may need adjusted to meet your needs.

When requesting mice (especially cell specific KOs), please use them in a timely fashion or relinquish them as soon as you know you won't be needing them.

## LAB ANNOUNCEMENTS

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- With the influx of new personnel into the lab, it must be stressed that freezer and refrigerator space is at a premium. Please go through your space and throw out anything that is no longer needed and try to go through your space at least once a month to keep space available.
- Please review the policy on travel and business expense exceptions. Recently, we have had two instances of people paying expenses for another person. This is **STRICTLY PROHIBITED** by the University and **WILL NOT BE REIMBURSED**. This is your responsibility as the traveler. If you have any questions regarding the travel policy and what is required, please do not hesitate to contact either Kathy or Deb, before you have made any arrangements.
- **Montefiore technicians:** Whenever Ben is absent from work (vacation or illness), you are responsible for performing your assigned lab duty. If you are unsure of your assignment, Kathy has a list.
- Alicia is now available to perform liver ischemia/reperfusion and cecal ligation and perforation experiments for the Billiar lab. If you have an experiment in mind, please complete a request form and give it to Deb to approve and Alicia to schedule.
- Carol is available to perform western blots for the Billiar lab group. See her to schedule and to discuss your samples.



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## GENERAL SURGERY AND VASCULAR LABS WEBSITE

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At long last, and after many months of work, we are able to introduce you to the new website for the General Surgery and Vascular Labs.

Please take a look at the new website and add it to your bookmarks, or make it your new homepage: [www.gensurgerylabs.pitt.edu](http://www.gensurgerylabs.pitt.edu) Here you will find a lot of information about researchers working in the department, an events and seminars calendar and useful information about training and lab/university policies. Lab news will also be regularly updated, so please let us know if you have something that you would like to share with your colleagues, such as a recent publication, an award you received, or a presentation you will be giving. There are also some very useful links to other websites under the Resources tab, and Cool Pittsburgh links will give you some good ideas about things to do when you are not in the lab working hard at your research.

Please take some time to see what information is available on our website. Most of the content is complete on the web pages, but there are still a few pages that will have new content added over the next few weeks and months. Currently there is no lab scheduler in place, but we will let you know when that is ready to use. This will then be the main way to book time on many of the instruments available in the labs, such as flow machine, IVIS, PCR etc.

If you would like to add a photo to your profile please email Kathy ([digiacomok@upmc.edu](mailto:digiacomok@upmc.edu)). We can schedule a time to have a photo taken, or you can use a photo you already have. If you find typographical errors, or links that do not work then please email Melanie ([scottm@upmc.edu](mailto:scottm@upmc.edu)) with information about the problem that needs to be addressed.

We hope you enjoy the new website and find it useful. Please let us know what you think about the new site, and if there are things you would like to see added or changed. We welcome your feedback and any additional information that would add to the usefulness and functionality of the site.

UNIVERSITY OF PITTSBURGH  
DEPARTMENT OF SURGERY CHAIRMAN'S  
RESEARCH CONFERENCE

8:00am Friday October 19, 2012; F1275 PUH

"Trauma-Shock Induced Changes in RBC  
Morphology and Function; a Contributor to  
Microvascular Dysfunction and Mods"

**Edwin A. Deitch, MD**

Prof of Surgery, Dept of Surgery, UMDNJ New Jersey  
Medical School



### IMPORTANT DATES:

**DR. BILLIAR'S MEETINGS – THURS 12:15, F1275 PUH**

OCT 11 SUN-YOUNG KIM

OCT 18 SOPHIE DARWICHE

OCT 25 YONG ZHANG

**DR. SIMMONS' RESEARCH CONFERENCE – TUES 8:00,  
THUR 8:30, F1275 PUH**

OCT 9 BRIAN BOONE

OCT 11 RUBEN ZAMORA

OCT 16 ILJANA GAFFAR

OCT 18 CHRISTOPHER SEYMOUR

OCT 23 REMAELLE HOW

OCT 30 BEN KAUTZA

**DANGER SIGNALS MEETINGS – TUES 2:00PM-3:00PM, F1275  
PUH**

OCTOBER 9

NOVEMBER 13

DECEMBER 11

**JOURNAL CLUB – THURS 12:15, F1275 PUH**

**BIOHAZARDOUS WASTE PICK-UP (8:45AM-9:30AM, OUTSIDE  
NW617 MUH)**

NOVEMBER 1

DECEMBER 13

## New Faces

*Please welcome the following new people into our labs:*

Guo-Qiang Chen – Visiting Scholar (Billiar)

Kevin Hart – Technician (Billiar)

Tao Ma – Visiting Scholar (Billiar)

Joanna Manson – Visiting Scholar (Billiar)

Aaron Walters – Technician (Billiar)

Guoliang Wang – Visiting Scholar (Billiar)

Colin Yaworski – Finance (Billiar)

Liyong Zhang – Research Asst (Billiar)

Yan Zhengzheng – Visiting Scholar (Billiar)

## Good Luck

*Best wishes to Bilal Ataya, Savanh Chanthaphavong, and  
Ning Ding as they leave the Billiar and Zuckerbraun labs to  
continue on with their careers.*

## Congratulations!

*Congratulations to Yong and Wenpei on the arrival of their  
new baby girl Meixi (Macy) Zhang on Sept 28<sup>th</sup>.*



*If you have any questions regarding anything in this  
newsletter, please contact Deb Williams  
([williamsd8@upmc.edu](mailto:williamsd8@upmc.edu))*

IF YOU KNOW OF ANYTHING EXCITING OR NEWSWORTHY  
GOING ON IN THE LAB THAT YOU WANT TO SHARE WITH  
OTHERS EMAIL ALICIA FRANK (FRANKA@UPMC.EDU) WITH  
THE INFORMATION AND SHE'LL BE SURE TO INCLUDE IT IN  
THE NEXT ISSUE OF THE BILLIAR LAB NEWSLETTER.