



In This Issue

[iTL News](#)

[Industry News](#)

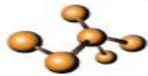
[Resources](#)

[Events](#)

[Client Publications](#)

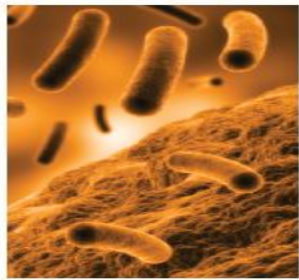
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Features



iTL thanks you for viewing the third edition of GeneTargeting Quarterly for 2011. Be sure to check out the following features!

- [iTL/Umea Agreement](#)
- [Grants for Mouse Models](#)
- [Managing Your Lab](#)
- ...and More!



News



iTL News

-- Master Institute Service Agreement

iGenious Targeting Laboratory, Inc (iTL), and Umeå University (Umeå, Sweden) have partnered in a two year Master Institutional Service Agreement, further strengthening their ongoing relationship. Investigators from Umeå

University have been utilizing iTL's services since 2006. This agreement combines the research expertise of Umeå University with the over 12 years of experience that iTL has generating custom generated mouse models.

[Read More >](#)

-- ISTT and iTL Announce Young Investigator Award Recipient

iGenious Targeting Lab (iTL) is pleased to announce Professor Xiao-Yang Zhao from the Chinese Academy of Sciences (CAS), as the recipient of the first ISTT Young Investigator award. Prof. Zhao has been recognized for his pioneering research by Time magazine as fifth in the top ten most important medical breakthroughs of 2009. His exciting research has great potential to impact animal transgenesis and the medical field, iTL is proud to recognize his research along with the ISTT.

Visit with iTL representatives at the 10th Transgenic Technology (TT) meeting, TT2011, on October 24-26, 2011, at the Trade Winds Island Grand Resort, at St Pete Beach, Florida, USA.

[Read More >](#)

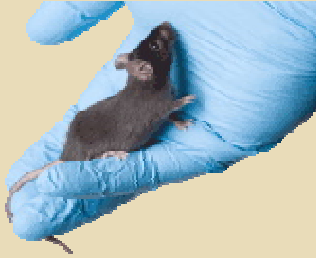
Industry News

-- Science Funding Fallout

The debt ceiling agreement passed by Congress [in August, 2011] will cap federal discretionary spending, which includes funding for science agencies like the National Institutes of Health (NIH) and the National Science Foundation (NSF), for the next 10 years.

[Read More >](#)

Links



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-- Yes, But Can They Drink Beer Like People?

Mice are an important tool in biomedical research, particularly when it comes to testing possible new drugs, says 80beats' Joseph Castro. But when it comes to testing drug side effects, they're not always accurate - mouse livers and human livers react differently to pharmaceutical compounds. But in a new study published in *PNAS*, researchers at MIT say they've found a solution...

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Praise for iTL

"iTL generated a conventional knockout mouse for my lab. The entire process was smooth and the quality of service provided by the iTL team and our Project Manager was exceptional.. I strongly recommend iTL for generation of your next mouse model!"

- Terry K. Means Ph.D
Harvard Medical School
Massachusetts General Hospital

Resources



-- R03 Grant to Fund Generation of New Genetically Modified Mice

Next to the R21 grant, which can fund the generation of a novel mouse model, the Investigator initiated Small Research Grant R03 can be utilized to fund the creation of mouse models. Applications specifying the creation of a new animal will be given priority.

[Read More >](#)

Lab Manager Magazine: Run your Lab like a Business!

In today's competitive economic environment, laboratory success is increasingly reliant on business-like management strategies. While the Lab Manager is capable of handling the technical aspects of their job, there is often little formal training regarding the business strategy, leadership and staffing skills that are required to start and run a successful lab.

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Events

iTL in Attendance

[10th Transgenic Technology Meeting \(ISTT\)](#)

Oct 24-26 St. Pete Beach FL, USA

[Neuroscience 2011](#)

Nov 12-16 Washington DC, USA

Other Events of Interest

[AALAS National Meeting](#)

Oct 2-6 San Diego, CA, USA

[BioConference Live: Fall](#)

Oct 26-27 Online Event

[American Society for Cell Biology](#)

Dec 3-7 Denver, CO, USA

[Transgenic Technology Workshop at the NIH](#)

Jan 9-13 Bethesda, MD, USA

[International Conference on Mouse Models](#)

Jan 24-26 Valdivia, Chile

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[Industry News](#)

[Resources](#)

[Events](#)

[Client Publications](#)

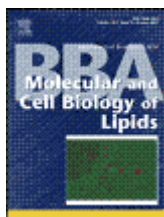
New Client Publications

Immunity

NLRX1 Protein Attenuates Inflammatory Responses to Infection by Interfering with the RIG-I-MAVS and TRAF6-NF- κ B Signaling Pathways

I Allen, *et. al.*

Project Type: C57Bl/6 Conventional Knockout
[Immunity](#), 24 June 2011; vol 34 (6), 854-865



Studies on the Anorectic Effect of N-acylphosphatidylethanolamine and Phosphatidylethanolamine in Mice

N Wellner, *et. al.*

Project Type: 129SvEv Conditional Knockout
[Biochimica et Biophysica Acta \(BBA\) - Molecular and Cell Biology of Lipids](#), September 2011; vol 1811 (9), 508-512.



Characterization of a Sphingosine 1-phosphate Receptor Antagonist Prodrug

PC Kennedy, *et. al.*

Project Type: Hybrid Conventional Knockout
[Journal of Pharmacology and Experimental Therapeutics](#)
June 2011 doi; 10.1124/jpet.111.181552



G-Protein $\beta\gamma$ -Complex Is Crucial for Efficient Signal Amplification in Vision

AV Kolesnikov, *et. al.*

Project Type: 129 Conventional Knockout
[The Journal of Neuroscience](#), 1 June 2011 31(22): 8067-8077



Loss of the miR-21 allele elevates the expression of its target genes and reduces tumorigenesis

P Shridas, *et. al.*

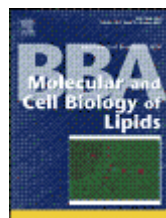
Project Type: C57Bl/6 Conventional Knockout
[PNAS](#) 21 June 2011 vol 108 (25) 10144-10149



Integrin $\alpha 6 \beta 4$ identifies an adult distal lung epithelial population with regenerative potential in mice

HA Chapman, *et. al.*

Project Type: Hybrid Conditional Knockout
[Journal of Clinical Investigation](#) 2011 vol 121 (7) 2855-2862



Enzymatic formation of N-acylethanolamines from N-acylethanolamine plasmalogen through N-acylphosphatidylethanolamine-hydrolyzing phospholipase D-dependent and -independent pathways

K Tsuboi, *et. al.*

Project Type: 129 Conditional Knockout
[Biochimica et Biophysica Acta \(BBA\) - Molecular and Cell Biology of Lipids](#) vol 1811 (10) 565-577

Sponsorship

iTL proudly sponsors the Tg-List, ISTT, and the MHD Conference Award