



In This Issue

[Industry News](#)

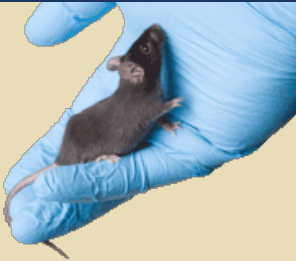
[iTL News](#)

[Customer Publications](#)

[Events](#)

[Resources](#)

Links



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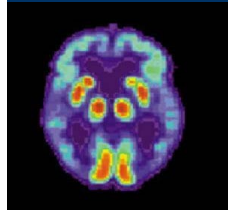
[Inquiries](#)

[Quote Requests](#)

[iTL Releases](#)

News

Industry News



-- Cell phone radiation may fight Alzheimer's... in mice

The possibility that cellular phones have an impact on human health has generally been viewed in terms of the potential to do harm, primarily by inducing or promoting the growth of cancer. But a study that will be published by the *Journal of Alzheimer's Disease* may turn that all on its head.

[Read More >](#)

-- An autoimmune-mediated strategy for prophylactic breast cancer vaccination

Immunologically targeting α -lactalbumin, a breast-specific protein highly expressed in breast carcinomas but absent from nonlactating mammary cells, provides protection against breast cancer in mice. This strategy may protect women against breast cancer in their post-child-bearing years, when lactation is readily avoidable and risk for developing breast cancer is high.

[Read More >](#)

-- UCSF transgenic mouse mimics Parkinson's earliest symptoms

UCSF researchers have created the first transgenic mouse to display the earliest signs of Parkinson's disease using the genetic mutation that is known to accompany human forms of the disease.

[Read More >](#)

-- Novel Model of Depression from Social Defeat Shows Restorative Power of Exercise

In a study in a mouse model that mimics the contribution of social stress to human depression, an environment that promotes exercise and exploration alleviated depressive behavior in the mice. The beneficial effect of activity depended on the growth of new neurons in the adult brain.

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iTL News



-- New BALB/c Cell Line Whitepaper Released

iTL released a [study](#) of the performance of their 'iTLb' BALB/c mouse embryonic stem (ES) cell line for the creation of gene targeted, transgenic mice. As the whitepaper presents, the iTLb cell line overcomes previous BALB/c limitations with high

[BALB/c ES Cell Line Performance Whitepaper](#)

iTL released a [study](#) of the performance of their 'iTLb' BALB/c mouse embryonic stem (ES) cell line for the creation of gene targeted, transgenic mice. As the whitepaper presents, the iTLb cell line overcomes previous BALB/c limitations with high rates of homologous recombination and germline transmission.

[Whitepaper >](#)

[Press Release >](#)

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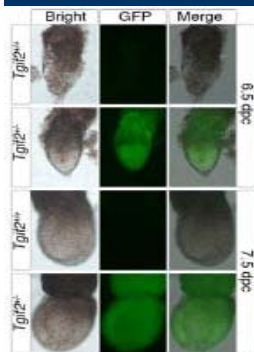
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rates of homologous recombination and germline transmission.

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Customer Publications



-- Tgif1 and Tgif2 regulate Nodal signaling and are

required for gastrulation

Project Type: 129SvEv Reporter Knock-In

[Development 137, 249-259 \(2010\) doi:10.1242/dev.040782](#)

-- Impaired Intestinal Vitamin B1 (Thiamin) Uptake in

Thiamin Transporter-2-Deficient Mice

Project Type: 129SvEv Conventional Knockout

[Gastroenterology 2010;138:1802-1809](#)

-- ErbB activity links the glucagon-like peptide-2 receptor to refeeding-

induced adaptation in the murine small bowel

Project Type: C57BL/6 Conventional Knockout

[Gastroenterology \(2009\), doi: 10.1053/j.gastro.2010.03.006](#)

-- **Role of CaMKII δ phosphorylation of the cardiac ryanodine receptor** in

the force frequency relationship and heart failure

Project Type: Hybrid Point Mutation Knockin

[10274-10279 | PNAS | June 1, 2010 | vol. 107 | no. 22](#)

-- Conditional deletion of Abca3 in alveolar type II cells alters surfactant

homeostasis in newborn and adult mice

Project Type: 129SvEv Conditional Knockout

[Am J Physiol Lung Cell Mol Physiol 298: L646-L659, 2010.](#)

-- Cyclic Expression of Lhx2 Regulates Hair Formation

Project Type: Hybrid Conditional Knockout

[Plos Genetics.April 2010.Volume 6.Issue 4.e1000904](#)

-- Abnormalities of cell packing density and dendritic complexity in the MeCP2 A140V mouse model of Rett syndrome/X-linked mental retardation

Project Type: 129 SvEv Mutation

[Jentarra et al. BMC Neuroscience 2010, 11:19](#)

[View more Customer Publications and links to articles](#)

Events



-- [Neuroscience 2010](#)

November 13-17, San Diego, California, USA

iTL will attend the Neuroscience 2010. Come speak with us at our booth and learn about a new BALB/c line

[Contact us](#) to schedule a meeting at the event

**NEUROSCIENCE
2010**

-- [Life Science Summit](#)

Sep. 21-22, Long Island, NY, USA

-- [New England Immunology Conf.](#)

Oct. 30-31, Woodshole, MA, USA

-- [American Assoc. for Cancer Research](#)

Nov. 7-10, Philadelphia, PA, USA

Events

- [CEMIB: Cryopreservation](#) Nov. 22-26, Brazil
- [American Society of Human Genetics](#) Dec. 7, Washington, DC, USA
- [American Society for Cell Biology](#) Dec. 11-15, Philadelphia, PA, USA

Resources

Resources



-- Software for researchers

As research and technology has advanced in the field of genetics and animal models, there has been an increase in the need for time and cost saving software. Below are a few options our staff and clients have found useful

- [Big Bench Mouse](#): Transgenic Mouse Colony Software
- [JCMS](#) : Jackson Laboratory Colony Management Software
- [Sequencher](#) : DNA Sequence Assembly Software

Customer Quote of the Quarter

"We made our own global knockout mouse,...it cost me 2 years and 5 times more money. iTL did exactly what they said they would...I have argued with reviewers and program administrators that having these mice generated by iTL was the efficient way to go...you have proven me right"

Sponsorship

iTL proudly sponsors the [TransGenic-List](#) and [ISTT](#)