



# TSC ALERT

## June 2007

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## **IMPORTANT SUBMISSION DEADLINES**

### **September 23-25, 2007**

#### **Tuberous Sclerosis Complex: From Genes to New Therapeutics**

International TSC Conference organized by the Tuberous Sclerosis Alliance  
Loews Annapolis Hotel, Annapolis, MD

**Deadline for Submission of Abstracts: July 2, 2007**

Information, Abstract Submission Forms, Registration Forms at: [www.tsalliance.org](http://www.tsalliance.org)

### **Change in Deadlines for TS Alliance Research Grants Program**

The TS Alliance will release the RFAs for FY08 following the TSC Conference in September 2007. The anticipated deadlines for FY08 are:

- October 2007 – Release of FY08 RFAs
- December 1, 2007 - Deadline for submission of Letter of Intent (LOI) to the TS Alliance
- January 2009 - Applicants notified of review of LOIs and invitations to submit grant applications distributed
- March 3, 2008 - Deadline for submission of grant applications
- June 2008 - Notification of grant awards
- July 1, 2008 - Earliest start date for new grant awards

## **FUNDING OPPORTUNITIES**

### ***National Institutes of Health***

#### **Understanding and Treating Tuberous Sclerosis Complex (R01) (PAS-07-190)**

National Institute of Neurological Disorders and Stroke

National Cancer Institute

National Institute of Arthritis and Musculoskeletal and Skin Diseases

National Institute of Diabetes and Digestive and Kidney Diseases

National Institute of Mental Health

Application Receipt/Submission Date(s): Multiple dates, see announcement.  
<http://grants.nih.gov/grants/guide/pa-files/PAS-07-190.html>

### **Rapid Access to Intervention Development (RAID) (NOT-CA-07-018)**

National Cancer Institute

<http://grants.nih.gov/grants/guide/notice-files/NOT-CA-07-018.html>

### **Policy Revision of the National Institute of Neurological Disorders and Stroke (NINDS) for Competing Program Project (P01) and Unsolicited Center Grant (P50) Applications (NOT-NS-07-010)**

National Institute of Neurological Disorders and Stroke

<http://grants.nih.gov/grants/guide/notice-files/NOT-NS-07-010.html>

### **Investigator Initiated Multi-Site Clinical Trials (R01) (PAR-07-373)**

National Heart, Lung, and Blood Institute

Application Receipt/Submission Date(s): Multiple dates, see announcement.

<http://grants.nih.gov/grants/guide/pa-files/PAR-07-373.html>

### **Notice of Availability of the Data Access Request System for the Genetic Association Information Network (GAIN)**

The purpose of this Notice is to inform the scientific public about the availability of the GAIN data resource and the process for applying for access to GAIN project datasets. The NIH and the Foundation for the NIH (FNIH) formed a public-private partnership to provide genome-wide genotyping to support genome-wide association studies using existing information and biospecimens. This project is known as [GAIN – the Genetic Association Information Network](#). The GAIN Database is within dbGaP, the database of Genotype and Phenotype, which was developed and is operated by the National Library of Medicine’s National Center for Biotechnology Information (NCBI). dbGaP provides for two levels of access: open (available to anyone with no restrictions), and controlled (requiring preauthorization). Summary information for each project in the GAIN database will be available in the [open-access section of dbGaP](#) on or around May 24, 2007. More information regarding this notice is available at: <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-07-066.html>

### **Preapplication for Cheminformatics Research Centers (X02)**

The NIH Roadmap, now part of the NIH Office of Portfolio Analysis and Strategic Initiatives, is a series of initiatives designed to pursue major opportunities in biomedical research and gaps in current knowledge that cannot be addressed by any single NIH Institute or Center on its own, but that must be addressed by the agency as a whole. The goal is to enable the rapid transformation of new scientific knowledge into tangible benefits for public health (<http://nihroadmap.nih.gov/>). The Molecular Libraries Roadmap Program (MLP) is an integrated set of initiatives aimed at developing and using selective and potent chemical probes for basic research, with three main components: (1) Data Production, (2) Data dissemination, and (3) Technology Development. The Cheminformatics Research Centers (CFCs) are the focus of this announcement. As part of the MLP, a program to support exploratory centers for cheminformatics research was initiated in FY2005 (<http://grants1.nih.gov/grants/guide/rfa-files/RFA-RM-05-012.html>), and six planning awards were funded (<http://nihroadmap.nih.gov/molecularlibraries/fundedresearch.asp>). This announcement is the next step in the program for creating full Cheminformatics Research Centers. Participation in the CRC phase of the program is not limited to the funded exploratory centers; any research team is allowed to apply. The pre-application (X02) will be used to identify the applicants who will be invited to respond to the CRC FOA with a full application. It is expected that the CRC FOA will be published in the NIH Guide in a few weeks time. The review criteria for this pre-application will include scientific, software engineering, and training criteria along with relevance to overall MLP program priorities. Following the preapplication review, the NIH Roadmap Molecular Libraries Implementation Group (<http://nihroadmap.nih.gov/molecularlibraries/members.asp>) will invite applications for a full center application. Only applicants who have submitted a pre-application will be allowed to compete

for a full center. For more details, follow the link below: <http://grants.nih.gov/grants/guide/pa-files/PA-07-353.html>

### **NIH-Wide Parent Announcements for Investigator-Initiated Grant Applications**

NIH-wide parent announcements for investigator-initiated grant applications can be found at the following URL: <http://www.genome.gov/10000991>

## ***Other Foundation Support***

### **Burroughs Wellcome Fund Accepting Applications for Clinical Scientist Awards in Translational Research**

Deadline: August 15, 2007

The Burroughs Wellcome Fund's ( <http://www.bwf.org/>) Clinical Scientist Awards in Translational Research program supports established independent physician-scientists who are dedicated to translational research -- the two-way transfer between work at the laboratory bench and patient care.

Candidates must have an M.D. or M.D./Ph.D. degree and hold an appointment or joint appointment in a subspecialty of clinical medicine; be academic investigators at the assistant professor or early associate professor level (preferably no more than two years after promotion), hold a tenure-track or equivalent position (individuals holding the rank of professor are ineligible); present evidence of having established an independent research career; be nominated by accredited degree-granting institutions in the U.S. or Canada; hold a current license to practice medicine in the U.S. or Canada; and be citizens or permanent residents of the U.S. or Canada at the time of application.

The awards provide \$750,000 each over a period of five years (\$150,000 per year). BWF will make up to ten awards for the 2008 award series.

Complete program guidelines and application procedures are available at the BWF Web site.

RFP Link:

<http://fconline.foundationcenter.org/pnd/10007373/bwfund>

For additional RFPs in Medical Research, visit:

[http://foundationcenter.org/pnd/rfp/cat\\_medical\\_research.jhtml](http://foundationcenter.org/pnd/rfp/cat_medical_research.jhtml)

### **Robert Wood Johnson Foundation: Health & Society Scholars**

Deadline: October 12, 2007

The Robert Wood Johnson Foundation Health & Society Scholars program is a two-year fellowship designed to build the nation's capacity for research, leadership and policy change to address the broad range of factors affecting health. Outstanding individuals who have completed doctoral training in one of a variety of fields, including but not limited to, the behavioral and social sciences, the biological and natural sciences, health professions, public policy, public health, history and ethics are eligible. Up to 18 scholars will be selected to begin training in August or September 2008 at one of six nationally prominent universities: Columbia University; Harvard University; University of California, San Francisco and Berkeley; University of Michigan; University of Pennsylvania; and University of Wisconsin. The complete call for applications is available at: [www.rwjf.org/cfp/healthandsocietyscholars](http://www.rwjf.org/cfp/healthandsocietyscholars) or by calling 800-734-7635.

### **Howard Hughes Medical Institute Launches Open Competition for Investigators**

The [Howard Hughes Medical Institute](http://www.hhmi.org/) in Chevy Chase, Maryland, has announced that it will hold a national competition for biomedical investigators and plans to name as many as fifty new researchers by the spring of 2008.

Through the initiative, HHMI expects to award at least \$600 million for basic biomedical research. This year's competition, which is open to early-career scientists at approximately two hundred

eligible institutions, represents the first time HHMI has opened up a general competition to the direct application process.

For the competition, the institute is seeking applicants studying biomedical problems in a broad array of disciplines, including biology, medicine, and related areas of chemistry, physics, engineering, and computational biology. Selected researchers will be encouraged to extend the boundaries of science and will have the freedom to change direction in their research. In addition, they will be able to follow their ideas through to fruition, even if that process takes several years.

For more information about the competition, including the list of eligible institutions, go to <http://foundationcenter.org/pnd/news/story.jhtml?id=175500059>

### **PKD Foundation RFA Release**

The PKD Foundation is pleased to announce the release of a Request for Applications for Grants & Fellowships:

#### **Grant RFA**

**Purpose:** The PKD Foundation is interested in fostering further research in polycystic kidney disease and other hereditary cystic disorders in order to understand the physiological, biochemical and genetic mechanisms of disease and to support the development of potential interventions that could slow the rate of both renal and biliary lesions and other systemic manifestations of PKD and lead to therapeutic interventions for these disorders.

**Key Details:** This is a two-year award for **\$75,000/year** for a total of **\$150,000**. Second year funding is dependent upon review of the first year progress report and the availability of funds.

**Key Dates:** Release Date: May 15, 2007  
Application Deadline: August 15, 2007  
Peer Review Dates: September – November 2007  
Anticipated Funding Start Date: February 2008

#### **Fellowship RFA**

**Purpose:** This RFA has been developed as a training mechanism to provide research opportunities in the field of polycystic kidney disease for post-doctoral fellows. The PKD Foundation is interested in fostering research in PKD and other hereditary cystic disorders in order to understand the physiological, biochemical and genetic mechanisms of this disease and to support the development of potential interventions that could slow the rate of renal and biliary lesions and other systemic manifestations of PKD and lead to therapeutic interventions for these disorders.

**Key Details:** This is a two-year award for **\$50,000/year** for a total of **\$100,000**. Third year funding may be possible and is dependent upon a rigorous and competitive scientific review of the project and availability of funds.

**Key Dates:** Release Date: May 15, 2007  
Application Deadline: August 15, 2007  
Peer Review Dates: September – November 2007  
Anticipated Funding Start Date: July 2008

**For grant and fellowship application guidelines and down-loadable forms, go to <http://www.pkdcure.org/fundingcr>**

## **NEW TSC PUBLICATIONS**

Aronica E, Boer K, Baybis M, Yu J, Crino P (2007) Co-expression of cyclin D1 and phosphorylated ribosomal S6 proteins in hemimegalencephaly. *Acta Neuropathol (Berl)* 2007 May 5 [Epub ahead of print]

Ayo DS, Aughenbaugh GL, Yi ES, Hand JL, Ryu JH (2007) Cystic Lung Disease in Birt-Hogg-Dube Syndrome. *Chest* 2007 May 15 [Epub ahead of print]

- Ayroldi E, Zollo O, Bastianelli A, Marchetti C, Agostini M, Di Virgilio R, Riccardi C (2007) GILZ mediates the antiproliferative activity of glucocorticoids by negative regulation of Ras signaling. *J Clin Invest* 2007 May 10 [Epub ahead of print]
- Chen XZ, Dai JP (2007) Tuberous sclerosis complex complicated with extraventricular cystic giant cell astrocytoma: case report. *Chin Med J (Engl)* 120(9):854-856
- Deonna T, Roulet-Perez E, Chappuis H, Ziegler AL (2007) 'Autistic regression associated with seizure onset in an infant with tuberous sclerosis'. *Dev Med Child Neurol* 49(4):320
- Erbayat-Altay E, Zeng LH, Xu L, Gutmann DH, Wong M (2007) The Natural History and Treatment of Epilepsy in a Murine Model of Tuberous Sclerosis. *Epilepsia* 2007 May 1 [Epub ahead of print]
- Feng Z, Hu W, de Stanchina E, Teresky AK, Jin S, Lowe S, Levine AJ (2007) The regulation of AMPK beta1, TSC2, and PTEN expression by p53: stress, cell and tissue specificity, and the role of these gene products in modulating the IGF-1-AKT-mTOR pathways. *Cancer Res* 67(7):3043-53
- Hottinger AF, Khakoo Y (2007) Update on the management of familial central nervous system tumor syndromes. *Curr Neurol Neurosci Rep* 7(3):200-7
- Ibrahim WH, Shawki HB (2007) Pulmonary lymphangioliomyomatosis is easily mistaken for more common lung diseases. *Saudi Med J* 28(6):985
- Ilardi D (2007) Rare and real illnesses that affect our students. *School Nurse News* 24(2):16-21
- Jansen FE, van Huffelen AC, Algra A, van Nieuwenhuizen O (2007) Epilepsy Surgery in Tuberous Sclerosis: A Systematic Review. *Epilepsia* 2007 May 1 [Epub ahead of print]
- Kayampilly PP, Menon KM (2007) Follicle stimulating hormone increases TSC2 phosphorylation and mTOR signaling through an ERK dependent pathway in rat granulosa cells. *Endocrinology* 2007 May 17 [Epub ahead of print]
- Kenerson H, Folpe AL, Takayama TK, Yeung RS (2007) Activation of the mTOR pathway in sporadic angiomyolipomas and other perivascular epithelioid cell neoplasms. *Hum Pathol* 2007 May 21 [Epub ahead of print]
- Land SC, Tee AR (2007) Hypoxia inducible factor 1alpha is regulated by the mammalian target of rapamycin (mTOR) via an mTOR-signalling motif. *J Biol Chem* 2007 May 14 [Epub ahead of print]
- Leslie KO, Gruden JF, Parish JM, Scholand MB (2007) Transbronchial biopsy interpretation in the patient with diffuse parenchymal lung disease. *Arch Pathol Lab Med* 131(3):407-23
- Long X, Lin Y, Ortiz-Vega S, Busch S, Avruch J (2007) The Rheb switch 2 segment is critical for signaling to TOR complex 1. *J Biol Chem* 2007 Apr 30 [Epub ahead of print]
- Madhavan D, Schaffer S, Yankovsky A, Arzimanoglou A, Renaldo F, Zaroff CM, Lajoie J, Weiner HL, Andermann E, Franz DN, Leonard J, Connolly M, Cascino GD, Devinsky O (2007) Surgical Outcome in Tuberous Sclerosis Complex: A Multicenter Survey. *Epilepsia* 2007 May 1 [Epub ahead of print]
- Maynard MA, Ohh M (2007) The role of hypoxia-inducible factors in cancer. *Cell Mol Life Sci* 2007 May 18 [Epub ahead of print]
- Meikle L, Talos DM, Onda H, Pollizzi K, Rotenberg A, Sahin M, Jensen FE, Kwiatkowski DJ (2007) A Mouse Model of Tuberous Sclerosis: Neuronal Loss of Tsc1 Causes Dysplastic and Ectopic Neurons, Reduced Myelination, Seizure Activity, and Limited Survival. *J Neurosci* 27(21):5546-5558

Oshiro N, Takahashi R, Yoshino KI, Tanimura K, Nakashima A, Eguchi S, Miyamoto T, Hara K, Takehana K, Avruch J, Kikkawa U, Yonezawa K (2007) The proline-Rich Akt substrate of 40 kDa (PRAS40) is a physiological substrate of mTOR complex 1. J Biol Chem 2007 May 21 [Epub ahead of print]

Rosner M, Freilinger A, Hanneder M, Fujita N, Lubec G, Tsuruo T, Hengstschlager M (2007) p27Kip1 localization depends on the tumor suppressor protein tuberin. Hum Mol Genet 2007 Apr 30 [Epub ahead of print]

Sandsmark DK, Pelletier C, Weber JD, Gutmann DH (2007) Mammalian target of rapamycin: master regulator of cell growth in the nervous system. Histol Histopathol 22(8):895-903

Stemmer K, Ellinger-Ziegelbauer H, Ahr HJ, Dietrich DR (2007) Carcinogen-Specific Gene Expression Profiles in Short-term Treated Eker and Wild-type Rats Indicative of Pathways Involved in Renal Tumorigenesis. Cancer Res 67(9):4052-68

Taille C, Debray MP, Crestani B (2007) Sirolimus treatment for pulmonary lymphangioliomyomatosis. Ann Intern Med 146(9):687-8

Yuan CD, Chang XL, Wu YQ, Liu Q, Gao M, Xiao FL, Zhou FS, Yang S, Liu JJ, Zhang XJ (2007) [Analysis of gene mutations in two patients with tuberous sclerosis complex] Zhongguo Yi Xue Ke Xue Yuan Xue Bao 29(2):205-8 [Article published in Chinese]

Verrotti A, Manco R, Coppola GC, Mingione S, Chiarelli F, Iannetti P (2007) Update of the medical treatment of West syndrome. Minerva Pediatr 59(3):249-53

Voykov B, Guenova E, Susskind D, Schiefer U (2007) [Tuberous sclerosis: an interdisciplinary diagnosis.] Klin Monatsbl Augenheilkd 224(5):441-4 [Article published in German]

Watz H, Engels K, Loeschke S, Amthor M, Kirsten D, Magnussen H (2007) Lymphangioliomyomatosis--presence of receptor tyrosine kinases and the angiogenesis factor VEGF-A as potential therapeutic targets. Thorax 62(6):559

Wee SA, Fangman B (2007) Tuberous sclerosis. Dermatol Online J 13(1):22

Winterkorn E, Dodd J, Inglessis I, Holmvang G, Thiele E (2007) Tuberous sclerosis complex and myocardial fat-containing lesions: a report of four cases. Clin Genet 71(4):371-3

## **CONFERENCES AND SEMINARS**

### **REGIONAL SYMPOSIA CONTINUE AROUND THE COUNTRY**

The new Regional Symposia series entitled "A Comprehensive Review of Epilepsy Management, A Case-Based CME Symposium", continues to move around the country. Next up is Atlanta in June, St. Louis in September and finally Philadelphia in November. The program is geared toward general neurologists, pediatricians, residents, nurses and pharmacists.

<http://www.aesnet.org/visitors/pdf/regionalsymposia.pdf>

#### **June 18-19, 2007**

##### **Depression & Anxiety Conference**

Crowne Plaza Hotel - The City, London, UK

Book online at <http://www.smi-online.co.uk/goto/depressionanxiety.asp?emref=T72ER91694257&>

Alternatively, contact Andrew Hinton on tel +44 (0) 20 7827 6722 or email [ahinton@smi-online.co.uk](mailto:ahinton@smi-online.co.uk)

#### **June 21, 2007 (5:00 – 7:00 PM)**

### **LAM/TSC Seminar Series**

“Statins: Therapeutic agents for *TSC2* null states?” & “MED28 (magicin) Functions as a Transcriptional Repressor of Smooth Muscle Differentiation at the Stem Cell Level: Implications for LAM and Other Smooth Muscle Tumors”

Presented by Geraldine Findlay, M.D. and Vijaya Ramesh, Ph.D.

New Research Building - Harvard Medical School, 77 Avenue Louis Pasteur, Rm. 350  
Boston, MA

For more information: <http://www.bostonlamtscresearch.org/>

### **June 24-26, 2007**

#### **Epileptology: Comprehensive Review and Practical Exercises**

Renaissance Quail Hollow Resort, Painesville, OH

For more information: [www.clevelandclinicmeded.com/Epileptology07](http://www.clevelandclinicmeded.com/Epileptology07)

### **June 27-29, 2007**

#### **17<sup>th</sup> International Cleveland Clinic Epilepsy Symposium: Epilepsy Surgery**

InterContinental Hotel & Bank of America Conference Center, Cleveland, OH

For more information: [www.clevelandclinicmeded.com/EpilSurg07](http://www.clevelandclinicmeded.com/EpilSurg07)

### **September 6-8, 2007**

#### **4th Annual World Congress of the International Brain Mapping & Intraoperative Surgical Planning Society (IBMISPS)**

Washington Plaza Hotel, Washington, D.C.

Deadline for submission of abstracts: June 30, 2007

Information and Registration: [www.ibmisps.org](http://www.ibmisps.org)

### **September 7-11, 2007**

#### **Joint Molecular Imaging Conference**

Providence, RI

Deadline for submission of abstracts: May 15, 2007

Information: <http://www.molecularimaging.org/2007jointconf/abstracts07.php>

### **September 23-25, 2007**

#### **Tuberous Sclerosis Complex: From Genes to New Therapeutics**

International TSC Research Symposium organized by the Tuberous Sclerosis Alliance  
Loews Annapolis Hotel, Annapolis, MD

**Deadline for Submission of Abstracts: July 2, 2007**

For more information, visit the TS Alliance website at [www.tsalliance.org](http://www.tsalliance.org)

### **October 23-27, 2007**

#### **57<sup>th</sup> Annual Meeting of the American Society of Human Genetics**

San Diego Convention Center, San Diego, CA

Deadline for submission of abstracts: June 7, 2007

For more information: [www.ashg.org](http://www.ashg.org)

### **November 3-4, 2007**

#### **Advances in Tuberous Sclerosis: From Pathway to Therapy**

Sydney Children's Hospital, Randwick, NSW, Australia

For more information, contact Dr. David Mowat at [d.mowat@unsw.edu.au](mailto:d.mowat@unsw.edu.au) or Dr John Lawson at [John.Lawson@unsw.edu.au](mailto:John.Lawson@unsw.edu.au)

### **November 27-29, 2007**

#### **2007 National Prevention and Health Promotion Summit**

Hyatt Regency Capitol Hill

Washington D.C.

Conference Contact Information: <http://www.cdc.gov/cochp/conference/index.htm>

**November 30 – December 4, 2007**

**American Epilepsy Society**

Philadelphia Convention Center, Philadelphia, PA

Deadline for Submission of Abstracts: June 4, 2007

For more information and to submit an abstract, go to: [www.AESNET.org](http://www.AESNET.org)

**TSC SIG will be held on Friday, November 30 at 1:00 pm, and stop by the TS Alliance exhibit in the Exhibit Hall!**

**September 11-14, 2008**

**International TSC Conference**

Organized by the Tuberous Sclerosis Association, U.K.

Brighton, U.K. More information coming soon!

## **NEWS**

### **New Office of Rare Diseases (ORD) Newsletter Now Available**

The NIH Office of Rare Diseases (ORD) newsletter, *Focus on Rare Diseases*, will be produced quarterly to keep the rare diseases community informed about rare disease activities. The newsletter is available on the ORD website at: <http://rarediseases.info.nih.gov/> If you have any items of interest to add to the newsletter, please send them to [ord@od.nih.gov](mailto:ord@od.nih.gov)

To contact the Genetic and Rare Diseases Information Center, please call 1-(888) 205-2311 or email: [GARDinfo@nih.gov](mailto:GARDinfo@nih.gov)

### **Cataloging the Structural Variations in Human Genetics**

A major new research effort is now beginning to uncover the structural variations in DNA that contribute to genetic differences between humans. The undertaking, which will involve studying the DNA of 62 people, will help researchers identify structural variations in DNA sequences, which may amount to as much as five to ten percent of the human genome. This research was published in the May 10, 2007, issue of Nature by Evan E. Eichler, Ph.D., HHMI investigator at the University of Washington School of Medicine. For the full story, go to:

<http://www.hhmi.org//news/eichler20070510.html>

### **Noisy Brain May Help Learning**

While most people need peace and quiet to cram for a test, the brain itself may need noise to learn, a recent study suggests. In experiments with monkeys, the researchers found that neural activities in the brain gradually change, even when nothing new is being learned. Challenging the monkeys to adjust their task triggered systematic changes in their neural activities on top of this background "noise." H. Sebastian Seung, Ph.D., HHMI investigator at Massachusetts Institute of Technology published this research in the May 24, 2007, issue of Neuron. For the full story, go to:

<http://www.hhmi.org//news/seung20070524.html>

## **TSC CLINICAL TRIALS AND STUDIES**

A list of clinical trials that are currently enrolling study participants can be viewed on the TS Alliance web site at: <http://tsalliance.easycqi.com/pages.aspx?content=370>

### **Study Participants with LAM Needed**

Dr. David Kwiatkowski of the Brigham and Women's Hospital in Boston is seeking research subjects. He wishes to collect left-over fluid samples from LAM patients that undergo fluid removal from the chest or abdomen, to attempt to culture LAM cells. There will be no additional tests or procedures as part of this study. The fluid samples that are sent will be left over after all usual clinical tests are

performed. There will be no cost to participants. If you are interested in participating in this research project, please contact Dr. Kwiatkowski at [dk@rics.bwh.harvard.edu](mailto:dk@rics.bwh.harvard.edu), or 617-355-9005.

## **TSC INFORMATION**

For information about TSC and the Tuberous Sclerosis Alliance, visit the TS Alliance Web site at: <http://www.tsalliance.org> or contact the TS Alliance at [info@tsalliance.org](mailto:info@tsalliance.org) or by telephone: 1-800-225-6872 or 301-562-9890.

This is the June 2007 edition of *TSC Alert* – an online research newsletter for individuals interested in Tuberous Sclerosis Complex (TSC) research and clinical care. This online newsletter contains information of interest to the TSC research and health care community. Please forward this newsletter to colleagues who are interested in TSC. To be added/deleted to/from the mailing list for *TSC Alert* and/or to submit information for the July 2007 *TSC Alert* contact: [vwhitemore@tsalliance.org](mailto:vwhitemore@tsalliance.org)

Archived issues of the TSC Alert can be found at: <http://www.tsalliance.org/pages.aspx?content=25>