

Breakthroughs

Spotlighting New Discovery in Brain Cancer Research

March 2010

UCLA to host 10th Annual Brain Tumor Conference March 19th & 20th 2010

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Art of the Brain Annual Gala: The Art of Accentuating the Positive

UCLA to Offer Phase-1 Gene Therapy Study for Glioblastoma (GBM)

UCLA JOURNAL ARTICLES AT:

NEUROONCOLOGY.UCLA.EDU



BEVACIZUMAB ALONE AND IN COMBINATION
WITH IRINOTECAN IN RECURRENT
GLIOBLASTOMA



STEM CELL ASSOCIATED GENE EXPRESSION IN
GLIOBLASTOMA MULTIFORME: RELATIONSHIP TO
SURVIVAL AND THE SUBVENTRICULAR ZONE



TARGETED THERAPY FOR MALIGNANT GLIOMA
PATIENTS: LESSONS LEARNED AND THE ROAD AHEAD



PROGNOSTIC SIGNIFICANCE OF GROWTH KINETICS
IN NEWLY DIAGNOSED GLIOBLASTOMAS REVEALED
BY COMBINING SERIAL IMAGING WITH NOVEL
BIOMATHEMATICAL MODE



UCLA to offer Phase-1 Gene Therapy Study for GBM

UCLA Neuro-Oncology is scheduled to participate in a ground-breaking Phase-1 Gene Therapy Study for patients suffering from recurrent glioblastoma (GBM) tumors.

Unique to this trial is new technology, pioneered by Dr. Nori Kasahara, Professor of Medicine and Molecular & Medical Pharmacology at UCLA, and is the first to use a replication competent retrovirus to treat malignant gliomas. In this form of treatment, a live virus is injected through a small burr hole into the tumor.

Data from initial animal studies have shown how the virus has the ability to infect tumor cells, but not the surrounding normal brain cells. After a few weeks, the patient will begin taking an oral antibiotic called flucytosine. The virus has been modified to convert flucytosine to the well-known anticancer drug, 5-FU. Since the 5-FU is produced only in the tumor cells infected by the virus, the common side effects of 5-FU on the bone marrow and digestive tract are not likely to occur.

This first human clinical study has been reviewed by the NIH Recombinant DNA Advisory Committee (RAC) which approved the protocol. The FDA has recently reviewed the animal data and protocol, and the sponsor of the study, Tocagen Inc. expects clearance to begin the study in the first quarter of this year.

This first Phase 1 study is designed to primarily study safety and will enroll approximately 24 subjects with GBM that has recurred following treatment with surgery, radiation and temozolomide chemotherapy. In order to participate in this study subjects must be between 18 and 75 years of age and have a single GBM recurrence less than 3 cm in its longest dimension. The virus will be injected into the tumor once through a small burr hole. Subjects will then wait 3 weeks before beginning 6-day courses of flucytosine that are repeated monthly. Common side effects of 5-FC include nausea and diarrhea. Each subject's participation in the study will last up to 6 months.

2010 UCLA CLINICAL TRIALS: PRIMARY ADULT BRAIN TUMOR

A Phase 1 Dose-Escalation Study of XL765 in Combination with Temozolomide in Subjects with Malignant Glioma.	Phase II Study of Bevacizumab and Temozolomide in Elderly Patients with Newly-Diagnosed Glioblastoma Multiforme.
A Randomized, Double Blind, Placebo Controlled, Multicenter Phase III Trial of Bevacizumab, Temozolomide and Radiotherapy, Followed by Bevacizumab and Temozolomide versus Placebo, Temozolomide and Radiotherapy Followed by Placebo and Temozolomide in Patients with Newly Diagnosed Glioblastoma.	Phase II Trial of VELCADE® (Bortezomib) in Combination with Temozolomide and Regional Radiation Therapy for Up-front Treatment of Patients with Newly-Diagnosed Glioblastoma Multiforme.
A Phase I Dose Finding Study of the Safety and Pharmacokinetics of XL184 Administered Orally in combination with Temozolomide and Radiation Therapy in the First Line Treatment of Subjects with Glioblastoma.	Phase I Trial of Aflibercept (VEGF Trap) with Radiation Therapy and Concomitant and Adjuvant Temozolomide in Patients with Malignant Gliomas.
A Phase 2 Study of XL184 in Subjects with Progressive or Recurrent Glioblastoma Multiforme in First or Second Relapse.	A Phase I Study of Vorinostat (Suberoylanilide Hydroxamic Acid [SAHA]) in Combination with Temozolomide in Patients with Malignant Gliomas.
A Biomarker and Phase II Study of GDC-0449 in Patients with Recurrent Glioblastoma Multiforme.	Phase I/II Studies of Bay 43-9006 (sorafenib) in Combination with OSI-774 (erlotinib), R115777 (tipifarnib) or CCI-779 (temsirolimus) in Patients with Recurrent Glioblastoma Multiforme or Gliosarcoma.

For more information about any of the UCLA Neuro-Oncology Program's clinical trials listed, please contact Emese Filka, Clinical Trials Coordinator, at (310) 794-3521

UCLA Neuro-Oncology to host 10th Annual Brain Tumor Conference March 19th-20th, 2010

Join brain cancer survivors, family members, friends and health care professionals at the Tenth Annual Brain Tumor Conference, hosted by the UCLA Neuro-Oncology Program. This FREE conference will offer participants the opportunity to hear leading healthcare professionals speak about the latest treatments for brain tumors. Through this conference, the Neuro-Oncology Program promotes the sharing of information and experience between brain tumor survivors, their families, friends and health care professionals.

Event Details

Date	March 19 th & 20 th 8am - 5pm
Location	UCLA Campus: Covell Commons 330 De Neve Drive 3rd Floor Los Angeles, CA 90095
Event Cost	FREE

**Pre-registration is required.
Early registration is encouraged as conference
space and materials are limited.**

HOW TO REGISTER

Online: Visit www.neurooncology.ucla.edu and fill out the secure registration form by March 16, 2010.

Mail: Fill out the enclosed registration form and return by March 14, 2010 to: UCLA Neuro-Oncology
710 Westwood Plaza
Reed Bldg RM 1-230
Los Angeles, CA 90095

Fax: Or fax the enclosed registration form to (310) 267-1292 by March 14, 2010

HOTEL ACCOMMODATIONS

There are several surrounding hotels available for accommodation during the conference.

UCLA Guest House	(310) 825-2923
Hilgard House	(310) 208-3945
W Hotel - Westwood	(310) 208-8765
The Claremont Hotel	(310) 208-5957
Angeleno Hotel	(310) 476-6411

Directions & Parking Information: Take the San Diego Freeway (I-405). Exit on Sunset Blvd. Proceed EAST on Sunset Blvd. and enter the campus by turning RIGHT on Bellagio Drive. Proceed to Stop sign at the top of the hill. Turn LEFT at the stop sign onto DeNeve Drive. Proceed a third of a mile down the hill to the PSV (Sunset Village) parking structure. The structure will be on your right.

Purchase a parking permit for the Sunset Village (PSV) lot from the attendant at the gate. (Attendant will only be at this gate from 7:30am to 12:00pm. After 12pm, please purchase a permit from the Parking Information Kiosk at Strathmore & Westwood Blvd.) Park in any UNRESTRICTED space. (Parking overflow may be directed to park at Parking Structure 7.) Parking permits are \$10 per day and disabled parking permits are \$3 per day and both are good for only one lot.



In the Sunset Village (PSV) parking structure, take the elevator or stairs (located in the southwest corner of the parking garage) to the Lobby Level (L). The Covell Commons building will be directly in front of you as you exit the elevator.

Approach the building and turn Right and walk along the outside of the Covell Commons building. Then turn Left at the corner of the building and proceed to the entrance. Proceed to elevator and take up to the 3rd Floor.

Visit www.neurooncology.ucla.edu for detailed map and updated conference schedule.

UCLA 10th Annual Brain Tumor Conference

Schedule of Events

FRIDAY, MARCH 19, 2010: GENERAL SESSIONS

- 8:30 am Registration & Continental Breakfast
- 9:00am Welcome & Overview of Brain Tumors
Timothy Cloughesy MD
Program Director – UCLA Neuro-Oncology;
- 10:00am Neuro-Surgery Techniques & Image-Guided Surgery
Bob Shafa MD
Asst. Professor, UCLA Dept. of Neurosurgery
- 11:00am Radiation Treatments
Michael Selch MD
Professor, UCLA Dept. of Radiation Oncology
- 11:30am Stereotactic Radiotherapy
Antonio DeSalles MD
Professor, UCLA Dept. of Neurosurgery
- 12:00pm **LUNCH**
- 1:00pm Chemotherapy
Albert Lai MD; PhD
Asst Professor, UCLA Dept of Neurology
- 1:45pm Understanding Neuropathology
Paul Mischel MD
Professor, UCLA Pathology & Lab Medicine
- 2:45pm Experimental Therapies:
Clinical Trials & Biological Agents
Leia Nghiemphu MD
Assistant Professor, UCLA Dept of Neurology
- 3:30pm Brain Tumor Tissue Banking
Bill Yong MD; Asst Professor,
UCLA Pathology & Lab Medicine
- 4:00pm Diagnostic Tools (Imaging)
Dr. Whitney Pope
Asst Professor, UCLA Radiological Science

CONSULTATION SESSIONS

Participants will have the opportunity to make appointments for free 15-minute consult sessions with a participating physician regarding on-going care, neurosurgery, radiation, symptom management, etc.

Sign-ups are available only on the day of event.
Space is limited arrive early to reserve an appointment time.

SATURDAY, MARCH 20, 2010: BREAKOUT SESSIONS

- 8:30 am Registration & Continental Breakfast
- 9:00am **SESSION 1**
- A. Understanding Language Impairments
Dr. Susan Bookheimer, UCLA Dept of Psy & Biobeh
- B. Legal Issues I: Employment & Benefits
Joanna Morales, Esq. -Cancer Legal Res. Center
- C. Complementary Medicine Approaches
- D. Tumor Type: Brain Metastasis: *Dr. Timothy Cloughesy*
- 10:00am **SESSION 2**
- A. Symptom Management
Nanette Fong NP, UCLA Neuro-Oncology Program
- B. Palliative Care and End of Life Issues
Dr. Leia Nghiemphu & Cheryl Abe, LCSW
- C. Integrating Psychosocial Support Into Treatment -
Malcolm Schultz, The Wellness Community - W. LA
- 11:00am **SESSION 3**
- A. Understanding Clinical Trials
Stacey Green – Nurse Practitioner, UCLA NeuroOnc
- B. Navigating Health Insurance
Joanna Morales, Esq.
- C. Understanding the Family Experience
Cheryl Abe LCSW, UCLA Oncology Center
Pam Hoff LCSW, UCLA Dept of Radiation Oncology
- D. Qi Gong Healing Exercise Class
Michael Sieverts – Brain Cancer Survivor
- 12:00pm **LUNCH**
- 12:45pm **SESSION 4**
- A. Seizure Management
Dr. Jose Carrillo & Dr. Naveed Wagle , UCLA Neuro-Onc
- B. Nutrition for Brain Tumor Patients
Carolyn Katzin, Certified Nutrition Specialist
- C. Neuropsychology and Brain Tumors
Patricia Walshaw, PhD – UCLA Psychiatry
- D. Protecting Our Children: A Session for Parents of Children with Brain Tumors: *Bonnie Moore, LCSW*
- 1:45pm **SESSION 5**
- A. Tumor Type: Glioblastoma & Anaplastic Astrocytoma
Dr. Timothy Cloughesy
- B. Tumor Type: Oligodendroglioma & Low Grade Tumors
Dr. Albert Lai
- C. Tumor Type: Meningioma
Dr. Richard Green, Dir. - Kaiser LA Neuro-Oncology
- D. Tumor Type: Rare Tumors
Dr. Leia Nghiemphu, UCLA Neuro-Oncology

UCLA CONFERENCE REGISTRATION FORM

Please complete this form and return to:
UCLA Brain Tumor Conference
C/O Luzianne Dugenia Fernandez
710 Westwood Plaza, Reed Building #1230
Los Angeles, CA 90095

If registering by fax, do NOT send form by mail.
Fax: 310.267.1292 Phone: 310.206.3610
Online Registration: www.neurooncology.ucla.edu
Registration deadline by fax or online is March 16th
Mailed forms must be postmarked by March 14th

If registering family member(s) or companion(s), please complete a separate Registration Form for each attendee.
Send all forms together to the address listed above.

FIRST NAME _____ LAST NAME _____ DEGREE _____
TITLE _____ ORGANIZATION _____
ADDRESS _____
CITY _____ STATE _____ ZIP CODE _____
PHONE _____ EMAIL _____

PLEASE INDICATE WHICH WORKSHOP(S) YOU PLAN TO ATTEND FOR EACH DAY

FRIDAY, MARCH 19TH, 2010: GENERAL SESSIONS

____ Overview of Brain Tumors ____ Brain Tumor Tissue Banking ____ Diagnostic Imaging
____ Neurosurgery Techniques ____ Understanding Neuropathology ____ Chemotherapy
____ Radiation Treatments ____ Clinical Trials & Biological Agents ____ Stereotactic Radiotherapy

SATURDAY, MARCH 20TH 2010: BREAKOUT SESSIONS

SESSION 1: 9:00 -9:45am

____ A. Language Impairments ____ B. Employment & Benefits ____ C. Complementary Medicine
____ D. Tumor Type: Brain Metastasis

SESSION 2: 10:00-10:45am

____ A. Symptom Management ____ B. End of Life Issues ____ C. Psychosocial Support

SESSION 3: 11:00-11:45am

____ A. Clinical Trials ____ B. Navigating Health Insurance ____ C. Understanding Family Exp.
____ D. Qi Gong

SESSION 4: 12:45-1:30pm

____ A. Seizure Management ____ B. Nutrition ____ C. Neuropsychology and Tumors
____ D. Protecting Our Children: A Session for Parents of Children with Brain Tumors

SESSION 5: 1:45-2:30pm

____ A. Tumor Type: GBM/AA ____ B. Tumor Type: Meningiomas ____ C. Tumor Type: Low Grade & Oligodendrogliomas
____ D. Tumor Type: Rare Tumors

Do you require a vegetarian meal? Yes No
Do you require special assistance? Yes No Please specify: _____
Currently receiving treatment at UCLA? Yes No Type of brain tumor? _____
How did you hear about this conference? _____

Art of the Brain Celebrates Tenth Anniversary Gala- “The Art of Accentuating the Positive”

Art of the Brain, a non-profit organization under the auspices of the UCLA Foundation, held its annual fundraising gala on Saturday, October 3, 2009 to spotlight the talent, courage and strength of brain cancer survivors and raise funds for brain cancer research headed by Dr. Timothy Cloughesy at the UCLA Neuro-Oncology Program.

The Tenth Annual Gala was held at UCLA Schoenberg Hall and was attended by more than 500 brain cancer research supporters. Jason Barry of the Phoenix CBS affiliate was Master of Ceremony.

The theme of the 2009 Gala was “The Art of Accentuating the Positive,” which is in homage to Mr. Johnny Mercer, an American musician who penned many classic American standards. Mr. Mercer passed away in 1976 after suffering complications of brain tumor surgery. Over the past several years, The Johnny Mercer Foundation has given charitable contributions to Art of the Brain to help fund research for this dreadful disease.



©Photo by Matt Weiss

(L-R) John Mazziotta MD, and Founder, Judi & Roy Kaufman, Timothy Cloughesy M.D. take time to Celebrate 10 Years of Art of the Brain.

Attendees were treated to a reception of culinary magic from Buddha’s Belly, Kate Mantilini’s, Viktor Benes, Barney’s Beanery, Dandy Don’s Ice Cream, Elixir G-Gingerita, Factor’s Famous Deli, Gelson’s Markets, Jacopo’s Pizza, Nikko Nikko, Porta Via, Pure Cheesecakes and Stan’s Donuts.

During the reception, brain cancer patients and survivors were honored with the Memory Gallery, which was a collection of art pieces depicting patients’ lives, their courage and inspirations.

The program, directed by Dari Mackenzie, was inspired not only by those who have been affected by this disease, like Mercer, but also by Mercer’s music. The show opened with the Children’s Civic Light Opera’s rendition of “Accentuate the Positive.” Alan Wilson, a staple in the Los Angeles chorale scene also performed Mercer’s songs, including the American classic, “Moon River.” And, Myriam Soavinzara and Michael Covertino from Salsa In The Mix, ballroom-danced to songs such as “That Old Black Magic.” The program also included a feature of Clint Eastwood’s documentary on Johnny Mercer entitled “The Dream’s on Me.”



©Photo by Matt Weiss

Alan Wilson, performing classic Johnny Mercer songs for the crowd of 500 supporters at the 10th Annual Gala held at the UCLA Schoenberg Hall Auditorium

Candice Orbach, a patient of Dr. Cloughesy’s and a brain cancer survivor, shared a moving written piece called “Dear Cancer.” This piece depicts her abhorrence for this disease, and ultimately her strength and courage to overcome the battle and embrace life.

Two awards were also presented at the event. The Balch Family from San Diego, CA received the Judi Kaufman Founder’s Responsibility Award for their support of Art of the Brain and UCLA Neuro-Oncology Program’s brain cancer research. This award recognizes

people in the community who have contributed to brain cancer research through philanthropy. The Balch Family, who lost their son and brother Adam to brain cancer in 2008, has been supportive of AOB since the earlier stages of Adam's fight against brain cancer. They have organized several successful fundraising events and also garnered the support of Mr. Bill Balch's employer to raise funds for AOB.

The Johnny Mercer Foundation Research Award was also presented during the program. This award recognizes dedicated researchers who have made an impact in the progress of brain cancer research. This year, the honor was bestowed upon Dr. Albert Lai of the UCLA Neuro-Oncology Program. Dr. Lai's main research focus is on integrating epigenetic and genetic characterization of patient glioblastoma tissue in order to identify molecular determinants of response to therapy. He is committed to providing the best care for brain tumor patients and improving treatments by rapidly translating advances in the laboratory to the clinic.



©Photo by Matt Weiss

(L-R) Dr. Cloughesy presenting the Johnny Mercer Foundation Research Award to Dr. Albert Lai, Neuro-Oncologists at UCLA Neuro-Oncology Program.

Since the organization's inception in 2000, Art of the Brain has raised more than \$3.4 million, with \$444,394.97 raised from the 2009 event. Money raised from Art of the Brain has provided funding for the training of several physician scientists who have developed research projects aimed at eradicating brain cancer and continues to support a number of groundbreaking clinical research studies.



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Pure Cheesecakes offering a wide assortment of their signature treats to all Gala attendees

Art of the Brain wishes to thank the following for their generous support of the Tenth Anniversary Gala:

Network Sponsors:

The Alex Demos Foundation
The Balch Family

Life Sponsors:

Richard Dean Anderson
Genentech, Inc.

Legacy and Laughter Sponsors: Jennifer & Robert Lopata, The Johnny Mercer Foundation

Courage Sponsors: The Annenberg Foundation, Beryl Companies, City National Bank, Joan & Jerry Doren, Gang Tyre Ramer & Brown, Greenberg Traurig, LLP, The Shirley & Burt Harris Family Foundation, Judi & Roy Kaufman

Gratitude Sponsors : Bunny Wasser & Howard Bernstein, Joyce & William Bromiley, Marlene & David Cappell, Carsey Family Foundation, Dina & Clint Eastwood, Ilene & Stanley Gold, Kory Apton & Phil Griffin, Doris P. Haims, Karen Morin, Anne Ramer, Mary Green & Peter Rooney, Mace Siegel, The Hale Thornhill Foundation, Jadi & Gy Waldron, Werner Family Foundation, Yusko Family Foundation,

For those interested in supporting Art of the Brain, either by volunteering or making a contribution, please visit the Art of the Brain website at www.artofthebrain.org or call (310) 825-5074.

10th Annual Brain Tumor Conference March 19th & 20th, 2010

PRESENTED BY:

University of California, Los Angeles; Neuro-Oncology

REGISTRATION DEADLINE

ONLINE & FAX: MARCH 16TH, 2010

MAIL-IN: MARCH 14TH, 2010

SEE INSIDE FOR DETAILS

FOR MORE INFORMATION, PLEASE CALL 310.206.3610

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