Cancer Program **Family Update**

Monday, July 30 - Sunday, August 12

Cincinnati Children's
Cancer & Blood Diseases Institute

CBDI's Biplab Dasgupta Discovers Clues to Fighting Obesity and Maintaining Good Health

Biplab Dasgupta, PhD

Biplab Dasgupta, PhD, a researcher in the Cancer & Blood Diseases Institute, recently published the cover article for Molecular and Cellular Biology's July 2012 issue. Dr. Dasgupta and his team have discovered that a specific component of a protein found in all animals plays an important role in controlling our ability to fight obesity and maintain good health.

Dr. Dasgupta and others have previously shown that diet restriction and red wine activates a protein AMP kinase. AMP kinase may be beneficial for healthy aging and protection from many diseases. The Dasgupta lab then created a mouse that lacks a specific component of AMP kinase (called beta2) to examine its function. This engineered mouse lives normally except when allowed to eat food rich in fat. Compared to normal mice, which gain some body weight, the engineered mice gain much more weight, become obese, diabetic and show signs of all the metabolic problems that are found in humans. This suggests that the beta2 component is necessary to fight high-fat-diet-induced obesity and diabetes. The engineered mice can also run for a significantly shorter time on a treadmill compared to normal mice. This suggests that the beta2 component of AMP kinase plays an important role in muscle strength.

The Dasgupta lab's goal is to identify a drug that will specifically activate the beta2 component. Ultimately, such a drug may be able to treat diabetes and obesity, enhance our ability to perform physical activity, and reduce the incidence of other diseases through improved overall health.

To learn more about the cancer program or cancer research at Cincinnati Children's or to find out how you can help, please contact John Perentesis, MD, Director of the Division of Oncology, at 513-636-8241 or cancer@cchmc.org

The TALK Line – Access to Interpreters in 180 languages, Twenty-Four Hours a Day

Cincinnati Children's has a long history of caring for children from around the world. The recently created TALK line has placed us even more at the forefront of international patient support.

By dialing 513-803-TALK (8255) from any location outside the hospital, a CCHMC patient, family member, or staff can now be directly linked to over-the-phone interpreters in 180 languages - twenty-four hours a day, seven days a week. From within the hospital, the TALK line can be reached by dialing 3-8255.

Interpreter at work **photo:** California Healthcare Interpreting Association

Cincinnati Children's also offers translation of written materials. To request written translation, email translations@cchmc.org. The cost of translation is paid by the department if the request is patient-specific. Re-useable materials are paid for by the hospital. There is no cost to the patient.

For more information about interpretation and translation, please contact Ricardo A. Torres, Manager of Linguistic Services, at Ricardo.Torres@cchmc.org.

COMMUNITY EVENTS

Dragonfly Foundation 2nd Anniversary Celebration Saturday, August 11, noon – 5pm at Rock Bottom Brewery, 10 Fountain Square Plaza, Cincinnati. Visit www.thedragonflyfoundation.org for more information.

Western & Southern Tennis Tournament August 11 through 19. Supports 5+ Cancer Survivor Center. More information at www.cincytennis.com.

Events and activities on A5

Monday, July 30	Craft of the Day: Marble Painting in the Activity Center	Contact: Your Child Life Specialist
Tuesday, July 31	Craft of the Day: I Spy Bottles in the Activity Center	Contact: Your Child Life Specialist
Wednesday, August 1	Craft of the Day: Decoupage in the Activity Center	Contact: Your Child Life Specialist
	Meet Dr. Perentesis - lunch provided All CBDI parents and caregivers welcome 12:00 - 1:30 pm in A5.440	Contact: Your Social Worker
Thursday, August 2	Craft of the Day: Banner in the Activity Center	Contact: Your Child Life Specialist
Friday, August 3	Craft of the Day: Glitter Ornament in the Activity Center	Contact: Your Child Life Specialist
	Let's Chat For BMT caregivers & parents 2:00 - 3:00 pm in the A5 North Parent Room	Contact: Your Social Worker
Monday, August 6	Craft of the Day: Butterfly Paper Chain in the Activity Center	Contact: Your Child Life Specialist
Tuesday, August 7	Craft of the Day: Monkey Door Hanger in the Activity Center	Contact: Your Child Life Specialist
Wednesday, August 8	Craft of the Day: Sweet Treats Magnet in the Activity Center	Contact: Your Child Life Specialist
Thursday, August 9	Craft of the Day: Button Frame in the Activity Center	Contact: Your Child Life Specialist
Friday, August 10	Craft of the Day: Pony Bead Animals in the Activity Center	Contact: Your Child Life Specialist
	Munch and Mingle All CBDI parents and caregivers welcome 12:00 - 1:30 pm in A5.440 *(lunch provided)*	Contact: Your Social Worker
Friday, August 12	Max's Meals - for all CBDI families 11:30 - 1:30 pm in A5.440	Contact: Your Social Worker

The Activity Center is open weekdays from 9:30 am to 12:00 pm, 1:30 to 4:30 pm & 6:00 to 8:00 pm. If your child is in isolation, contact Child Life.

Attending Physicians

Monday, July 30 to Sunday, August 5

Karen Burns, MD
Leuk/Lymph/Vascular
Attending Physician

Carrye Cost, MD
Solid Tumor/Neuro-Onc
Attending Physician

Monday, August 6 to Sunday, August 12

Brian Turpin, MD
Leuk/Lymph/Vascular
Attending Physician

Raj Nagarajan, MD
Solid Tumor/Neuro-Onc
Attending Physician

Clinical Hematology/Oncology Fellows

Nihal Bakeer, MD
Fellow

Andrew Bukowinski, MD
Fellow

Satheesh Chonat, MD
Fellow

Samantha Michaels, MD
Fellow

Ahmad Rayes, MD
Fellow

International Scholar

Karen Zhu, MD, PhD
Children's Hospital
Fudan University Shanghai, China

Complimentary Breakfast for all families available weekdays 8:00 - 9:00 am in the Parent Lounge, A5S. Please help yourself. Supported by Cincinnati Sportservice, the food and beverage provider of the Cincinnati Reds.

DAILY ROUNDS

8:15 - 9:00 am **Chemotherapy Rounds** for scheduled chemotherapy admissions

9:00 - 11:00 am **Acute Rounds** for new and ill patients