

the cell



UPCOMING EVENTS

**The Department of Biochemistry,
Molecular Biology and Cell Biology
Departmental Series**

Thursdays at 12:30 PM
Pancoe Auditorium
2205 Campus Drive
For updates visit: <http://www.biochem.northwestern.edu/bmbcb-calendar.html>

Thursday, June 10
Global Mapping of the Yeast Genetic Interaction Network
Charlie Boone
HHMI University of Toronto

Thesis Seminar
Monday, June 14 11:30 AM
Characterization and Structure Determination of EBV gp42 and the gp42:MHC class II complex
Maureen Mullen
Cook 3118

Feinberg School of Medicine Seminar
Thursday, June 10 12:00 PM
Dissecting the Functions of the Serine/threonine Kinase Akt/PKB ex-vivo and in vivo
Nissim Hay
Ward 4-075

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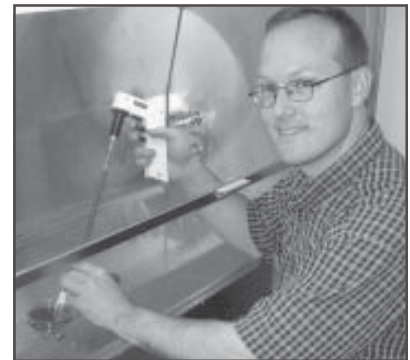
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ANNOUNCING BMBCB'S NEWEST INVESTIGATOR: ANDREW DUDLEY, PH.D.

Nick Woell
Editor

Andrew Dudley is the latest addition to BMBCB's research faculty. Like other investigators in the department, his interest lies in morphogenesis—how size and shape are determined in embryonic development. However, Dudley's research specializes in the musculoskeletal system, focusing on the formation of early cartilage.



Dudley's interest in skeletal development stems from working at San Francisco-based Genentech after receiving his undergraduate degree in 1988. He was involved in a project to purify a cow bone protein known to promote bone development. Exploring how these bone morphogenetic proteins function in a number of cell culture assays attracted Dudley to this branch of science.

"Understanding how bone develops can lead to insights in orthopedic surgery including speeding up the healing of bone, improving the remodeling of bone, and understanding bone defects," says Dudley. "With the exception of neurological diseases such as Alzheimer's, orthopedic problems are one of the principle culprits that eliminate people's independence and force them into nursing homes."

The Dudley Lab employs two model organisms in its research: the chicken embryo and the mouse. The chicken embryo is particularly advantageous because it allows for rapid experimentation. Unlike a mouse, a fertilized chicken egg can yield results within days by surgically manipulating the embryo through the implantation of beads soaked in certain proteins or expressed genes with help of retroviruses. Mouse embryos, on the other hand, require weeks to develop.

Andrew Dudley received his Ph.D. from Harvard University studying under Elizabeth Robertson. He recently conducted his post-doctoral work with Cliff Tabin at Harvard Medical School before being hired by Northwestern University. Feel free to welcome Professor Dudley in his new lab and office on the first floor of Pancoe or contact him at (847) 467-4894, a-dudley@northwestern.edu.

UPCOMING EVENTS

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50th Anniversary of Circadian Clocks Symposium

Monday, June 21 9:00 AM to 1:00 PM

Circadian Biology: From Mechanisms to Human Behavior
Pancoe Auditorium

NEW PEOPLE



Please extend a warm welcome to these individuals who have recently joined our department:

Susan Black is a new Program Assistant in for the Undergraduate Program in Biological Sciences.

Shoshiro Hirayama is a new visiting Pre-Doctoral Fellow in the Morimoto Lab.

David Jackson is a new Post-Doctoral Fellow in the Lamb Lab.

Klaus Richter is a new Post-Doctoral Fellow in the Morimoto Lab.

Elina Shteyn is a new Research Technician in the Folsch Lab.


Tina Turnbull is a new Program Facilitator for the Interdepartmental Biological Sciences Graduate Program.

HONORS AND AWARDS



Professor **Frank Neuhaus** was honored on June 4 for his 43 years of dedicated service to Northwestern. Although he will retire from active service this year, he will remain in the department as an Emeritus Professor.

ISO ANNOUNCEMENTS


 1. The ISO/Einsteins Bagel Break will be on Friday, June 18 at 3:30 in Cook 3118! Come for Bagels, Doughnuts and a well deserved break at the end of the week. All are invited and encouraged to come socialize: Faculty, Post-docs, techs and undergrads, that means you too!

2. The Celebrated Vendor Fair will be held on Tuesday, June 22nd, from 2-4pm in the Pancoe Cafe. Everyone who signed up for the VWR-sponsored Cubs tickets must be in attendance in order to receive them! Contact Sarah Ledoux (s-ledoux@northwestern.edu) if you have questions.

3. There will be no ISO Student Seminar this month. Look for its magnificent return in July!

4. The intramural soccer team, Your Mom, captained by Georgette and Finola finished off their season in grand fashion, holding a well-played 0-0 tie through two sudden death overtimes! For those of you who missed the excitement, Your Mom lost in penalty shots but look to take it all next year.

SUBMISSIONS

 **The Cell** is published monthly by the Department of Biochemistry, Molecular Biology and Cell Biology at Northwestern University.

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Please send all comments, questions and submissions to:

The Cell

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EMPLOYMENT OPPORTUNITIES



A list of available and desired jobs relevant to the Department of Biochemistry, Molecular Biology and Cell Biology.

Yury Tarahovsky is seeking a research position in biochemistry, biophysics or cell biology. He has good background in structural studies of cellular membranes, liposomes, DNA-lipid and protein-lipid complexes. He studied biophysical and structural characteristics of protein secretion, virus infection, transfection on animal and bacterial cells. Now his research is related to transfection of cultural cells with DNA/cationic lipid complexes designed for gene therapy. He has many years experience in electron microscopy (freeze-fracture, freeze-etching, thin-sections, some experience in cryo-EM), some experience in confocal and deconvolution light microscopy. He has experience also in fluorescence spectroscopy, differential scanning calorimetry, basic biochemical approaches related to membrane and liposome preparation and analyses, has some experience in cultures of animal and bacterial cells. Yury has PhD degree 1985 from biological center of Pushchino, Moscow Region, Russia. Currently he has a position of Research Associate in Northwestern. For more information please contact:

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NOW ACCEPTING: EVENT ANNOUNCEMENTS, ARTICLE IDEAS, EMPLOYMENT OPPORTUNITIES, POSITIONS WANTED AND ANNOUNCEMENTS.

The Cell is published monthly by the Department of Biochemistry, Molecular Biology and Cell Biology, at Northwestern University.

If you think you would enjoy receiving the Cell or would like to be removed from the mailing list, please refer to the following:

The Cell

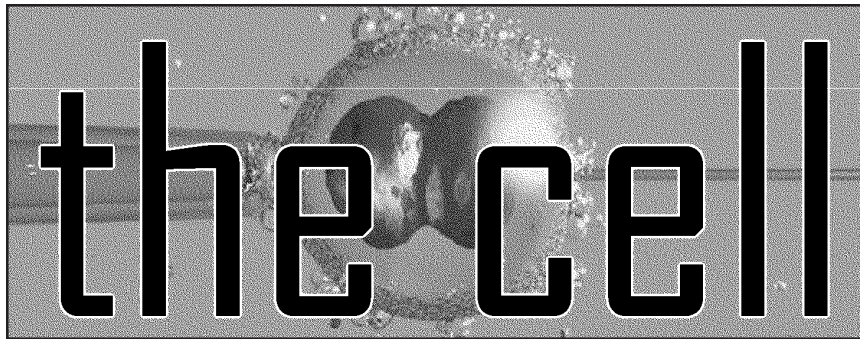
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