



BIOSPHERE

The Weekly Bulletin of Biology

Biology Colloquium: Friday, 10 February 2012, 2:00 pm in CR 5125

“Regulation of Stem Cell Behavior During a Wound-healing Response”

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Division of Biological Sciences, UC San Diego

Prospective Professor Interviews Continue

The third candidate in the molecular/cellular biologist search is Dr. Lisa Antoszewski. She is speaking on Tuesday 7 January at 11:00 am in CR 5126. Students are encouraged to attend and provide their input on the candidate.

New Publications

Former master's student **Jen Paur** and **Dr. David Gray** have a paper in *Animal Behaviour*, “Individual consistency, learning and memory in a parasitoid fly, *Ormia ochracea*.”

Dr. Robert Espinoza and colleagues from Argentina have a paper describing a new species of lizard appearing in the next issue of *Copeia*, “A new *Phymaturus* (Iguania: Liolaemidae) from the southern extreme of the Argentine Puna.” A watercolor of the new species, illustrated by Cynthia Hitchcock, will appear on the journal's cover.

Biology Alumna Recently Hired as Professor

Former Biology major Josephine Allen was recently hired as an Assistant Professor in the Department of Materials Science & Engineering at the University of Florida. Josy, a former MBRS RISE graduate student, conducted research in **Dr. MariaElena Zavala's** laboratory.

Biology Students at CSUPERB Meeting

Northridge had an excellent showing at this year's annual biotechnology symposium of the CSU Program for Education and Research in Biotechnology. With this long list, we should be strong competitors for the campus with the most research presentations from among the 23 CSU campuses.

The following is a list of presentations. In the interest of space, we are only printing the lead author of a contribution, but the full list of contributing authors is available upon request.

- **Roonalika Wisidagama** gave an award-finalist presentation, “Role of HIF1 α in hESC differentiation”
- **Jessica Cinkornpumin** gave a submitted contribution, “A novel protein with a lipid binding domain is involved in host sensing in the necromenic nematode *Pristionchus pacificus*”
- **Armin Hojjat**, “Isolation of the minimal promoter region of TNSF8”
- **Joseph Aldahl**, “microRNA as a potential regulator of BMP-mediated chondrocyte development”
- **Scott Reichelderfer**, “HIV-1 infection of multipotent hematopoietic progenitor subpopulations”
- **Tasneem Koleilat**, “Defining the role of REST in regulating human embryonic stem cell fate”
- **Fadi Kandarian**, “Determining the efficacy of human-TRIM5-cyp in inhibiting a broad spectrum of HIV viruses when stably expressed in CD34-derived macrophages”
- **Mari Gasparyan**, “Optimized protocols for mature motor neuronal isolation”
- **Jacquelyn Saunders**, “Transcriptional regulation of the Slit2 gene core promoter”
- **Hannah Ra**, “Robo receptor is required for enteric nervous system development”
- **Joshua Herman**, “NRG1 is a chemoattractant for neural crest cells”
- **Behrod Katebian**, WINNER of the *Glenn Nagel Undergraduate Research Award*, “Immunotherapy protocol for leukemia in humans”
- **Lynnea Waters**, “Characterizing the transcriptional regulation of NcoA4”
- **Sarah Imam**, “Role of isocitrate dehydrogenase in human embryonic stem cell metabolism and differentiation”
- **Daniel Sivalingam**, “Generation of induced pluripotent stem cells from idiopathic pulmonary fibrosis patients’ lung fibroblasts”

- **Jessica Cinkornpumin**, “CEMA algorithm: facilitates selection of transcription factors for reprogramming”
- **Joshua Kaiser**, “GPI-80 distinguishes transplantable human fetal hematopoietic stem cells from multipotential progenitors”

Faculty participating included **Drs. David Bermudes, Maria Elena de Bellard, Ray Hong, Cindy Malone, and Sean Murray.**

Jobs, Internships, & Scholarships

Professors often receive emails announcing jobs, internships, and scholarships that Biology students might be interested in applying for.

To make this information available, we have started a webpage:

<http://csunbio.wordpress.com>

If you are looking for opportunities, check the webpage regularly.

If you want to post something, email it to paul.wilson@csun.edu.

There are also opportunities internal to CSUN on various official websites across campus. For example:

<http://www.csun.edu/finaid/>

<http://www.csun.edu/biology/>

Last Day to ADD/DROP

10 February 2012. After that, it has to be a VERY serious and compelling reason with documentation.

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Editors: Paul Wilson and Robert Espinoza
For past issues: www.csun.edu/biosphere