

Conference Student Scholarships: Omics Meets Cell Biology

Grantor: Keystone Symposia

Closes: 1/6/2011

Maximum: \$1,000.00

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Scholarship Deadline: January 6, 2011 (Midnight US Mountain Standard Time)

Whole genome sequencing has become widespread and modern biologists currently access exponentially growing lists of genomes from organisms covering all three domains of life. This has fundamentally changed the way scientists address biological questions. A spectacular flourishing of technologies allows for global interrogation of gene activity and function and ever more comprehensive measurement of cellular macromolecules. These Omics approaches are still in full expansion but already increasingly contribute to the editing and annotation of systems-level networks charting physical and functional links between all cellular components. Nevertheless, an important challenge resides in the interpretation and integration of the data within the context of the whole physiology of a cell. We are for example, still learning and developing the bioinformatic tools to store and integrate different types of datasets. Emerging biochemical and chemical approaches contribute chemical tools and affinity reagents to systematically interrogate or perturb macromolecules within a cell. Live-cell imaging and quantitative microscopy have also moved large-scale allowing unprecedented phenotypic analysis. This conference will bring together the leading experts representing Omics technologies, cell biology, chemical-genetics, and bioinformatics to discuss and present these latest developments.

Keystone Symposia is offering scholarships to students and post-docs this conference season. These scholarships, of up to \$1000 each, are to be used to help defray the expenses associated with conference attendance, including air (on a U.S. air carrier), ground transportation and lodging costs. Receipts will be required to receive reimbursement.

Abstracts submitted for poster presentation will be used as the basis for awarding the scholarships. Conference organizers will select the scholarship recipients based on the quality of science of the abstract and the relevance of the abstract to the conference topic. Only one application per abstract is accepted.

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Financial Assistance / Student Scholarships

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Link: <http://www.keystonesymposia.org/Meetings/viewMeetings.cfm?MeetingID=1087&subTab=scholarships>

Categories: Basic Science, Bioinformatics, Educational Exchange, Genomics, Molecular/Cellular Biology, Scholarships, Travel Grants

Audience: Graduate Student, Postdoctoral Fellow