Special Issue: Prospects in Space and Time

Advancing Cell Biology Through Proteomics in Space and Time (PROSPECTS)
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Comparative Proteomic Analysis of Eleven Common Cell Lines Reveals Ubiquitous but Varying Expression of Most Proteins
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On the cover: The EU-funded PROSPECTS project (PROteomics SPECification in Time and Space) brings together leading European research groups spanning from instrumentation to biomedicine in an initiative to develop novel technology and applications for the functional analysis of proteins. The wide range of approaches taken in this collaboration is illustrated in this composition of experimental results. For details see the articles in this issue.

[S] Online version of this article contains supplemental material.  [X] Author’s Choice
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Antibody-based Protein Profiling of the Human Chromosome 21
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Quantitative Proteomics Reveals That Hsp90 Inhibition Preferentially Targets Kinases and the DNA Damage Response
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Mark Larance, Kathryn J. Kirkwood, Dimitris P. Xirodimas, Emma Lundberg, Mathias Uhlen, and Angus I. Lamond

Kinetics in Signal Transduction Pathways Involving Promiscuous Oligomerizing Receptors Can Be Determined by Receptor Specificity: Apoptosis Induction by TRAIL