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Hyaluronan, CD44, cartilage, TGFbeta/BMP Family of Growth Factors, BMP Signaling, Cell-Matrix Interactions

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PI3K, Akt, mTOR, leukemia, drug-resistance

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Apoptosis, Bcl2-family

Satyajit Mayor, National Centre for Biological Sciences, Bangalore, India

Cell Biology, Membrane Trafficking, Membrane Biophysics

Katsuyoshi Mihara, Kyushu University, Fukuoka, Japan

mitochondrial protein import, mitochondrial fusion-fission, membrane biogenesis, apoptosis, endoplasmic reticulum.

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Mitochondria, ischemia-reperfusion, cardioprotection, S-nitrosylation. heart

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signal transduction, compartmentalized signaling, ubiquitylation, endocytosis, oncogenesis, and Ras GTPases.

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RNA processing, Ribosome maturation, snoRNP, Exosome, Splicing.

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Cell organelles, biogenesis of mitochondria, protein sorting, membrane proteins, protein assembly

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Ras family GTPases, mtOR, signal transduction

Fulvio Reggiori, Universitair Medisch Centrum Groningen, Groningen, Netherlands

autophagy, endosomes, endocytosis, vacuole, membrane trafficking, yeast

Des Richardson, The University of Sydney, Sydney, New South Wales, Australia

Cancer cell biology, anti-cancer agents, cellular signaling, metastasis suppressors, iron, thiosemicarbazones, copper, Friedreich’s ataxia

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Calcium signalling, store-operated calcium entry, TRP channels, Orai, STIM

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Cancer, genomics, cell transformation

Peter Ruvalo, University of Texas M.D. Anderson Cancer Center, Houston, Texas, USA

leukemia; apoptosis; signal transduction; protein phosphatase; galectin; microRNA

Eric Schon, Columbia University, New York, New York, USA

Maya Schuldiner, Weizmann Institute of Science, Rehovot, Israel

Saccharomyces cerevisiae, Organelles, Contact sites, Targeting and translocation, High content screens.

Klaus Schulze-Osthoff, Eberhard-Karls-Universität Tübingen, Tübingen, Germany

Cancer biology, cell death, NF-kappaB, senescence, signal transduction

Luca Scolarro, Università degli Studi di Padova, Padova, Italy

mitochondria; apoptosis; fusion-fission; endoplasmic reticulum; interorganelle communication.

Erik Lee Snapp, Albert Einstein College of Medicine, Bronx, New York, USA

endoplasmic reticulum, chaperones, fluorescent proteins, photobleaching, diffusion, misfolded protein stress

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nucleocytoplasmic transport, protein degradation, development.

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Exocytosis, SNAREs, Calpain-10, TNFR signalling, Cytokine secretion

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