

New editorial board members 2010

Tom Misteli

Editor-in-Chief, *The Journal of Cell Biology*

The *JCB* is run by scientists for scientists. In contrast to commercial journals, manuscripts submitted to us are evaluated and their peer-review supervised by the active scientists who make up our Editorial Board. Over the years we have been fortunate that leading cell and molecular biologists have been willing to spend time and brain power on shepherding manuscripts through the review process for the *JCB*. Their commitment and dedication is testimony to the standing the *JCB* has in the community. The excellence of our Editorial Board in turn guarantees an exceedingly high standard of published papers.

Our Editorial Board undergoes constant change due to expiration of appointments, changes in submission volumes in particular areas, or in response to newly emerging areas of cell biology. Our Editorial Board is highly diverse, representing 13 countries on 5 continents, scientists of all stages in their careers and with as diverse backgrounds as cell biology nowadays encompasses.

We are pleased to announce the latest additions to our Editorial Board. They, once again, represent the crème-de-la-crème of cell biologists. We thank them for their dedication. Their expertise and passion for cell biology will ensure that your paper will be in the best possible hands during review.

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Gaudenz Danuser

Cytoskeleton dynamics, signaling, imaging

Gaudenz Danuser develops live cell microscopy for the study of cytoskeleton dynamics and related signaling. In particular, his laboratory is known for its contribution of computer vision methods to cell biology. He received a PhD in Electrical Engineering from ETH Zurich, Switzerland, and did his postdoctoral work at the MBL at Woods Hole. He held faculty positions at ETH and at The Scripps Research Institute, La Jolla, before joining the Department of Cell Biology at the Harvard Medical School. Recent recognitions of his work include the Bárány Award for Young Investigators by the Biophysical Society and a Transformational R01 Award by the NIH to develop quantitative imaging of signal transduction.



Joan Steitz

RNA and RNA processing

Joan Steitz's research focuses on noncoding RNAs. As a postdoc at the MRC Laboratory of Molecular Biology and later at Yale, she showed that phage translation start sites are recognized by rRNA-mRNA base pairing. Her laboratory discovered that small nuclear RNAs complexed with proteins are the targets of Lupus autoantibodies and that the U1, U2, U4, U5, and U6 snRNPs are involved in pre-mRNA splicing. A second spliceosome containing four distinct snRNPs excises a minor class of introns. Current interests include microRNAs, as well as many other viral and cellular noncoding RNAs. Joan received her PhD from Harvard in 1967 and joined the Yale faculty in 1970, where she is in the Department of Molecular Biophysics and Biochemistry and an HHMI Investigator.



Wim Vermeulen

DNA repair

Wim Vermeulen received his PhD degree in genetics from the Erasmus University. He initiated the application of micro-needle injection to study DNA repair in living mammalian cells. During his postdoctoral training he contributed to the discovery of the tight connection between DNA repair and transcription. He started as a PI in 1999 at the Genetics Department of the Erasmus Medical Center, at which he became associate professor in 2004, studying DNA damage response mechanisms and their role in protecting organisms against cancer and aging. He developed pioneering procedures to study genome maintenance and other chromatin-associated processes in living mammalian cells.



Stephen Doxsey

Centrosomes, cilia

Stephen Doxsey first worked with Elio Raviola and Torsten Wiesel (Nobel Prize Laureate) at the Harvard Medical School studying myopia, then in Kenya with Don Fawcett on cattle diseases. He received his PhD from Yale University (Ari Helenius) and did postdoctoral studies at UCSF (Marc Kirschner). He received Damon Runyon and Anna Fuller Fellowships during this training period. He is now a Professor at UMass Medical School studying centrosomes, mitotic spindle function, cytokinesis, cell cycle, and cancer. He was recently awarded Keck Foundation Senior Scholar and Ellison Medical Foundation Awards for "Asymmetric cell division and longevity." Dr. Doxsey received the Distinguished Faculty Award for cofounding a Graduate Recruitment Program and the UMass President's Award for organizing UMass laboratories for Worcester High Schools. He is on the Editorial Board of *Mol. Biol. Cell*, *Traffic*, and *J. Cell Physiol.*, and reviews proposals for the DOD, NIH, and other agencies.

