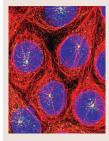
Cell Science

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Cover: Cultured mouse Eph-4 epithelial cells were triple stained with anti-mouse PCM-1 pAb (green), anti- α -tubulin mAb (red) and DAPI (blue). PCM-1 granules, initially called centriolar satellites, are scattered in the cytoplasm with some concentration around the centrosomes. For more information, see the paper by Kubo and Tsukita in this issue (p. 919).

Cell Science at a Glance

757 The trypanosome flagellum. Vaughan, S. and Gull, K.



Book Reviews

- 761 Methods in Cell Biology, Vol. 68: Atomic Force Microscopy in Cell Biology, edited by B. P. Jena and J. K. H. Hörber. Henderson, R. M.
- 762 Lab Ref: A Handbook of Recipes, Reagents, and Other Reference Tools for Use at the Bench, edited by J. Roskams and L. Rodgers. O'Sullivan, J. M.

Commentaries

- 763 Changing directions: clathrin-mediated transport between the Golgi and endosomes. Hinners, I. and Tooze, S. A.
- 773 Prolyl isomerase Pin1: a catalyst for oncogenesis and a potential therapeutic target in cancer. Ryo, A., Liou, Y.-C., Lu, K. P. and Wulf, G.

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Research Articles

- 785 Local force induced conical protrusions of phagocytic cells. Vonna, L., Wiedemann, A., Aepfelbacher, M. and Sackmann, E.
- 791 The Arabidopsis lue1 mutant defines a katanin p60 ortholog involved in hormonal control of microtubule orientation during cell growth. Bouquin, T., Mattsson, O., Næsted, H., Foster, R. and Mundy, J.
- 803 Expression of the nidogen-binding site of the laminin γ1 chain disturbs basement membrane formation and maintenance in F9 embryoid bodies. Tunggal, J., Wartenberg, M., Paulsson, M. and Smyth, N.
- 813 Microtubule-disruption-induced and chemotactic-peptideinduced migration of human neutrophils: implications for differential sets of signalling pathways. Niggli, V.
- 823 Nonerythroid αII spectrin is required for recruitment of FANCA and XPF to nuclear foci induced by DNA interstrand cross-links. Sridharan, D., Brown, M., Lambert, W. C., McMahon, L. W. and Lambert, M. W.
- Membrane insertion of the chloroplast outer envelope protein, Toc34: constrains for insertion and topology. Qbadou, S., Tien, R., Soll, J. and Schleiff, E.
- Real-time analysis of clathrin-mediated endocytosis during cell migration. Rappoport, J. Z. and Simon, S. M.
- Mechanical loading regulates the expression of tenascin-C in the myotendinous junction and tendon but does not induce de novo synthesis in the skeletal muscle. Järvinen, T. A. H., Józsa, L., Kannus, P., Järvinen, T. L. N., Hurme, T., Kvist, M., Pelto-Huikko, M., Kalimo, H. and Järvinen, M.
- 867 Sterol-rich plasma membrane domains in the fission yeast Schizosaccharomyces pombe. Wachtler, V., Rajagopalan, S. and Balasubramanian, M. K.
- The organization of adherens junctions and desmosomes at the cardiac intercalated disc is independent of gap junctions.

 Gutstein, D. E., Liu, F.-y., Meyers, M. B., Choo, A. and Fishman, G. I.

- 887 A mouse homologue of *Drosophila pins* can asymmetrically localize and substitute for *pins* function in *Drosophila* neuroblasts. Yu, F., Morin, X., Kaushik, R., Bahri, S., Yang, X. and Chia, W.
- 897 TES is a novel focal adhesion protein with a role in cell spreading. Coutts, A. S., MacKenzie, E., Griffith, E. and Black, D. M.
- 907 Remodeling of endosomes during lysosome biogenesis involves 'kiss and run' fusion events regulated by rab5. Duclos, S., Corsini, R. and Desjardins, M.
- 919 Non-membranous granular organelle consisting of PCM-1: subcellular distribution and cell-cycle-dependent assembly/disassembly. Kubo, A. and Tsukita, S.
- 929 Drosophila dd4 mutants reveal that γTuRC is required to maintain juxtaposed half spindles in spermatocytes. Barbosa, V., Gatt, M., Rebollo, E., Gonzalez, C. and Glover, D. M.
- 943 Author correction: Mitochondrial and nucleocytoplasmic targeting of O-linked GlcNAc transferase. Love, D. C., Kochan, J., Cathey, R. L., Shin, S.-H. and Hanover, J. A.



Movies available on-line