



**Cover:** Cadherins control macropinocytosis. Confocal micrograph of serum-starved MOVAS cells labelled with Rhodamine-phalloidin (red) to visualise the actin network and Hoechst 33342 to visualise the nucleus (blue). See article by P. J. B. Sabatini et al. (pp. 2013-2020).

- Sticky Wicket**
- 1953 **Letting go – Mole replies.** Molette
- Commentary**
- 1955 **Homologous pairing and the role of pairing centers in meiosis.** Tsai, J.-H. and McKee, B. D.
- Short Report**
- 1965 **Redistribution of caveolae during mitosis.** Boucrot, E., Howes, M. T., Kirchhausen, T. and Parton, R. G.
- Research Articles**
- 1973 **PLD1 rather than PLD2 regulates phorbol-ester-, adhesion-dependent and Fcγ-receptor-stimulated ROS production in neutrophils.** Norton, L. J., Zhang, Q., Saqib, K. M., Schrewe, H., Macura, K., Anderson, K. E., Lindsley, C. W., Brown, H. A., Rudge, S. A. and Wakelam, M. J. O.
- 1984 **Identification of an animal sucrose transporter.** Meyer, H., Vitavska, O. and Wieczorek, H.
- 1992 **A novel chemically directed route for the generation of definitive endoderm from human embryonic stem cells based on inhibition of GSK-3.** Bone, H. K., Nelson, A. S., Goldring, C. E., Tosh, D. and Welham, M. J.
- 2001 **Interplay between N-WASP and CK2 optimizes clathrin-mediated endocytosis of EGFR.** Galovic, M., Xu, D., Areces, L. B., van der Kammen, R. and Innocenti, M.
- 2013 **Cadherins at cell-autonomous membrane contacts control macropinocytosis.** Sabatini, P. J. B., Zhang, M., Silverman-Gavrila, R. V. and Bendeck, M. P.
- 2021 **Phosphorylation of CSF-1R Y721 mediates its association with PI3K to regulate macrophage motility and enhancement of tumor cell invasion.** Sampaio, N. G., Yu, W., Cox, D., Wyckoff, J., Condeelis, J., Stanley, E. R. and Pixley, F. J.
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