



**Cover:** Confocal maximum intensity projection image of heparan sulfate on a neural progenitor cell. In the absence of an electric field, as shown here, heparan sulfate is uniformly distributed across the cell membrane. In the presence of an electric field, electrophoretic localization of heparan sulfate mediates galvanotaxis. See article by Yu-Ja Huang et al. (pp. 2459-2467).

**FIRST PERSON**

- 2431 First person – Nicola Stevenson and Ian White

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- 2447 Spectraplaklin family proteins – cytoskeletal crosslinkers with versatile roles  
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**RESEARCH ARTICLES**

- 2459 Electrophoresis of cell membrane heparan sulfate regulates galvanotaxis in glial cells  
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- 2541 A mutation in keratin 18 that causes caspase-digestion resistance protects homozygous transgenic mice from hepatic apoptosis and injury  
**Yoon, H.-N., Yoon, S.-Y., Hong, J.-H. and Ku, N.-O.**
- 2551 HIRA deficiency in muscle fibers causes hypertrophy and susceptibility to oxidative stress  
**Valenzuela, N., Soibam, B., Li, L., Wang, J., Byers, L. A., Liu, Y., Schwartz, R. J. and Stewart, M. D.**
- 2564 Importin- $\beta$  and CRM1 control a RANBP2 spatiotemporal switch essential for mitotic kinetochore function  
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- 2579 Rab7 palmitoylation is required for efficient endosome-to-TGN trafficking  
**Modica, G., Skorobogata, O., Sauvageau, E., Vissa, A., Yip, C. M., Kim, P. K., Wurtele, H. and Lefrancois, S.**
- 2591 Clathrin-mediated post-fusion membrane retrieval influences the exocytic mode of endothelial Weibel-Palade bodies  
**Stevenson, N. L., White, I. J., McCormack, J. J., Robinson, C., Cutler, D. F. and Nightingale, T. D.**
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**TOOLS AND RESOURCES**

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