

# Addendum

## **Addendum: Kremer et al., Late Emergence of the Vibrissa Direction Selectivity Map in the Rat Barrel Cortex**

The article “Late Emergence of the Vibrissa Direction Selectivity Map in the Rat Barrel Cortex,” by Yves Kremer, Jean-François Léger, Dan Goodman, Romain Brette, and Laurent Bourdieu, which appeared on pages 10689–10700 of the July 20, 2011 issue, noted that the work of Tsytsarev et al. (2010a) using intrinsic imaging suggested the existence of a direction selectivity pinwheel at a supracellular scale in the adult rat. The authors wish to add that Tsytsarev et al. (2010b) have recently obtained similar results by imaging with voltage-sensitive dyes. The results of these two studies at a macroscopic scale support results obtained at a cellular scale using electrophysiology (Andermann and Moore, 2006). The complete references are listed below.

## **References**

- Andermann ML, Moore CI (2006) A somatotopic map of vibrissa motion direction within a barrel column. *Nat Neurosci* 9:543–551.
- Tsytsarev V, Pope D, Pumbo E, Garver W (2010a) Intrinsic optical imaging of directional selectivity in rat barrel cortex: application of a multidirectional magnetic whisker stimulator. *J Neurosci Methods* 189:80–83.
- Tsytsarev V, Pope D, Pumbo E, Yablonskii A, Hofmann M (2010b) Study of the cortical representation of whisker directional deflection using voltage-sensitive dye optical imaging. *Neuroimage* 53:233–238.