Integrative Biology

Cite this: *Integr. Biol.*, 2011, **3**, 1233–1234

www.rsc.org/ibiology

# ADDITIONS & CORRECTIONS

## Topographic enhancement mapping of the cancer-associated breast stroma using breast MRI

Nima Nabavizadeh, Catherine Klifa, David Newitt, Ying Lu, Yunn-Yi Chen, Howard Hsu, Clark Fisher, Taku Tokuyasu, Adam B. Olshen, Paul Spellman, Joe W. Gray, Nola Hylton and Catherine C. Park

*Integr. Biol.*, 2011, **3**, 490–496 (DOI: 10.1039/C0IB00089B)

An author's name was incorrectly entered in the original list. Taku Tokayasu should have appeared as Taku Tokuyasu (as above).

## Studying Smad2 intranuclear diffusion dynamics by mathematical modelling of FRAP experiments

Vinicio González-Pérez, Bernhard Schmierer, Caroline S. Hill and Richard P. Sear

*Integr. Biol.*, 2011, **3**, 197–207 (DOI: 10.1039/C0IB00098A)

The following integration box was omitted from the article:

### Insight, innovation, integration

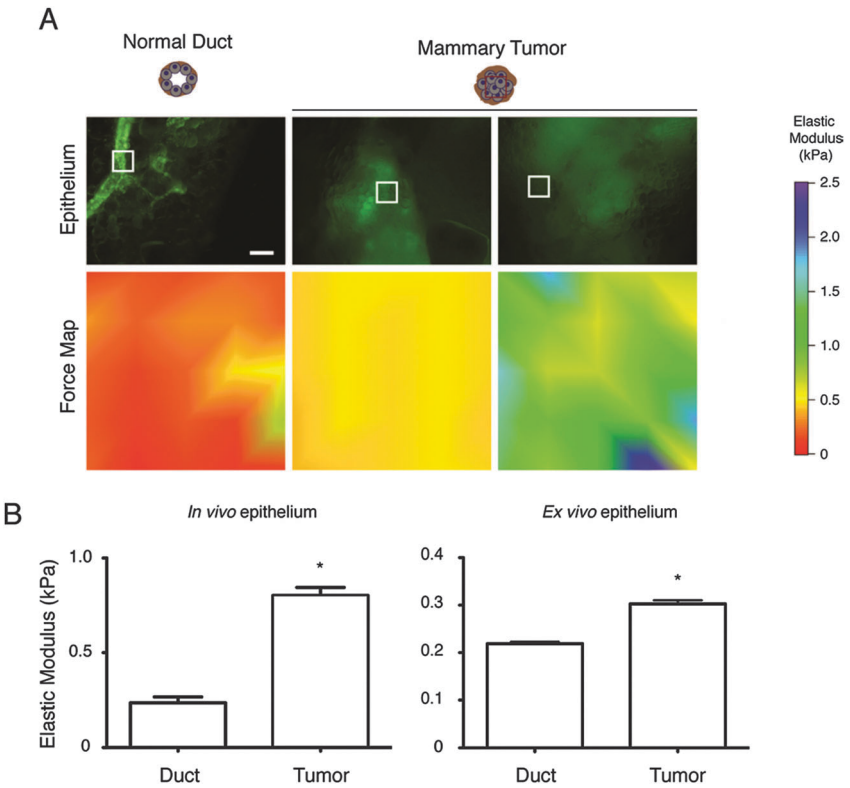
The dynamics of proteins in cells are crucial to their function, and changes in mobility reveal changes in protein state. Proteins are typically assumed to move *via* diffusion. Here we find that the signal transducer Smad2 appears never to move *via* simple diffusion. This calls into question current assumptions of protein dynamics. Modern confocal microscopes and advanced modelling need to be combined to test the hypothesis that a protein is diffusing. We present a novel semi-analytical analysis for photobleaching data. We show how modern microscopy and modelling need to be combined and that the resulting tool can rigorously test assumptions about the intracellular protein dynamics, as well as monitor changes in protein state during signalling.

## *In situ* force mapping of mammary gland transformation

Jose I. Lopez, Inkyung Kang, Weon-Kyoo You, Donald M. McDonald and Valerie M. Weaver

*Integr. Biol.*, 2011, **3**, 910–921 (DOI: 10.1039/C1IB00043H)

The bottom two right panels of Fig. 2a indicating the force maps from mammary tumors are incorrect. The corrected Fig. 2 is shown below:




The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

**Additions and corrections can be viewed online by accessing the original article to which they apply.**