

*The Journal of Physiology*  
Symposia

**Novel insights into oestrogen actions**

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**at The Physiological Society Main Meeting 2009  
University College Dublin, Republic of Ireland**

*Chairman and Organising Editor*

**Brian Harvey** (Royal College of Surgeons in Ireland, Dublin, Ireland)

*Speakers*

**Angel Nadal** (Universidad Miguel Hernández de Elche, Alicante, Spain)

***Novel oestrogenic effects on pancreatic beta-cell function in vivo***

**Ellis Levin** (Veterans Affairs Medical Center, Long Beach, CA, USA)

***Novel functions of oestrogen in mitochondria***

**Jeffrey Bender** (Yale University School of Medicine, New Haven, CT, USA)

***Novel oestrogen receptor-mediated signaling in the endothelium***

**Fiona O'Mahony** (Royal College of Surgeons in Ireland, Dublin, Republic of Ireland)

***Novel female sex-dependent actions of oestrogen in the intestine***

**Allan Herbison** (University of Otago School of Medical Sciences, Dunedin, New Zealand)

***Novel insights into oestrogen feedback to gonadotropin-releasing hormone neurons and the control of fertility***