



# Small-molecule potentiation and differentiation of stem cells: a growth area?

An RSC Biotechnology Group one-day conference

Monday 20 April 2015

Royal Society of Chemistry,  
Burlington House,  
London W1J 0BA, UK

First circular



## Small-molecule potentiation and differentiation of stem cells: a growth area?

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The RSC Biotechnology Group and sponsors invite you to a stimulating one-day symposium.

There has been enormous interest in the therapeutic use of stem cells for a diverse range of diseases (including diabetes, cancer, cardiovascular and musculoskeletal disease and neurodegenerative disorders), because of their unique abilities to self-renew, proliferate and differentiate into specialized cells. To allow the potential of stem cells to be realized in the clinic, the unique ability of small molecules to direct and control stem cell fate has been increasingly harnessed, enabling controlled tissue repair and regeneration and meeting key challenges such as cell availability and allogenic rejection. In many laboratories, scientists are designing and delivering novel molecules to enable selective control of stem cell potentiation and differentiation, thereby gaining better understanding of the fundamental phenomena controlling stem cells and accelerating translation into a clinical context. At this symposium key scientists and stakeholders in the area will disclose recent progress in this field, identify new perspectives and discuss future challenges for the use of chemical approaches to facilitate stem cell therapy and regenerative medicine. We invite you to join this vibrant and timely event.

### Speakers

- Kevin Shakesheff** School of Pharmacy, University of Nottingham, UK
- Stefan Przyborski** School of Biological and Biomedical Sciences, Durham University, UK
- Jude Curran** Centre for Materials & Structures, University of Liverpool, UK
- David Tosh** Centre for Regenerative Medicine, University of Bath, UK
- Farlan Veraitch** Dept. of Biochemical Engineering, University College London, UK
- Timothy Allsop** Neusentis Regenerative Medicine, Pfizer Research Unit, Cambridge, UK
- Jagasia Ravi** Roche Pharma Research and Early Development, Basel, Switzerland
- Yen Choo** CEO, Progenitor Therapeutics, Stevenage, UK

### Registration Fees

RSC Members	<b>£95</b>
Non-members	<b>£115</b>
Student RSC members	<b>£50</b>
Student non-members	<b>£60</b>
Retired RSC members	<b>No charge</b>

Payment may be made by PayPal under the 'Register' tab at <http://www.homepages.ucl.ac.uk/~ucbepad/RSCStem.html>. Please include the delegate name in the instruction and send a copy of the payment advice with the application form. The fees include attendance at the sessions, lunch and refreshments. The organisers are not registered for VAT and tax invoices cannot be issued.

### Further information

For further information, please contact the organizers, **Professor Joe Sweeney**, University of Huddersfield ([j.b.sweeney@hud.ac.uk](mailto:j.b.sweeney@hud.ac.uk)) and **Dr Irene François** ([irene.francois@ntlworld.com](mailto:irene.francois@ntlworld.com)).