



Hot Topic Event

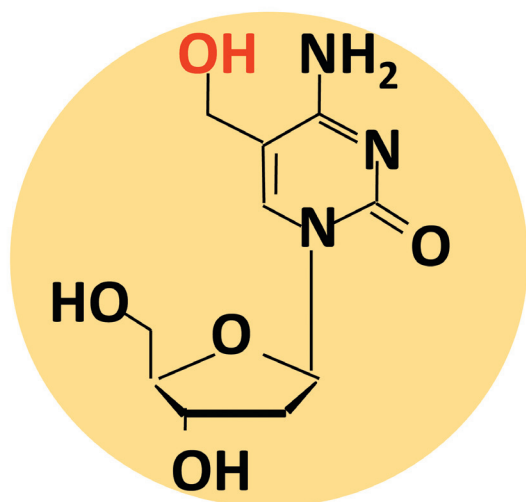
Shaping the future of Bioscience



Biochemical Society

Advancing Molecular Bioscience

The New Epigenetic Mark – 5-Hydroxymethylcytosine: What is its Function?



5-hydroxymethylcytosine

Image kindly supplied by Adele Murrell (University of Cambridge, UK)

Scientific background

This Hot Topic Event will address the recent advances in 5-hydroxymethylcytosine (5-hmC) research including the function of 5-hmC in self renewal and cell lineage specification in embryonic stem cells, its tissue-specific distribution in differentiated cells and its role in tumourigenesis, and the influence of citrate metabolism in regulating 5-hmC levels.

Topics

Functions of 5-hmC | Readers and writers of 5-hmC |
DNA methylation and metabolism | Chemistry of modified DNA bases

Fees

Student Member:	£35
Full/Early Career Member:	£50
Non member:	£100

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Biochemical Society Hot Topic Events

The Biochemical Society's Hot Topic Events provide a forum for the discussion and presentation of new research. The science is emerging and exciting and aims to shape the future of bioscience.

Cancer Research UK
Cambridge Institute, UK
13 June 2013

Abstract submission deadline:
13 May 2013

Earlybird registration deadline:
13 May 2013

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