

## Suggested Reading from Speakers

### Books

Breast Cancer in the Post-Genomic Era. 2009. Giordano, Antonio; Normanno, Nicola (Eds.) Humana Press. Online edition available:<http://www.springerlink.com/content/978-1-60327-944-4>

### Journal Articles

Chen H, Yan Y, Davidson TL, Shinkai Y, Costa M. 2006. Hypoxic Stress Induces Dimethylated Histone H3 Lysine 9 through Histone Methyltransferase G9a in Mammalian Cells. *Cancer Research* 66(18): 9009-9016

Chen H. and Costa, M. 2008. Iron- and 2-oxoglutarate-dependents Dioxygenases: an emerging group of molecular targets for nickel toxicity and carcinogenicity *Biometals* 22 : 191-196

Egger G, Liang G, Aparicio A, Jones PA. 2004. Epigenetics in human disease and prospects for epigenetic therapy. *Nature*. 429:457:463

McGowan PO, Sasaki A, Huang TC, Unterberger A, Suderman M, Ernst C, Meaney MJ, Turecki G, Szyf M. 2008. Promoter Wide Hypermethylation of Ribosomal RNA Gene Promote in the Suicide Brain. *PLoS ONE* 3 (5)

Moshe S. 2009. The early life environment and Epigenome. *Biochimica et Biophysica Article*, in press.

Richards. EH. 2006. Inherited epigenetic variation – revisiting soft inheritance. *Nature Reviews Genetics*. 7: 395-401

Rodenhiser D and Mann M. 2006. Epigenetics and human disease: translating basic biology into clinical applications. *Canadian Medical Association Journal*. 174(3):341-348

Stern CD. 2000. Conrad H. Waddington's contributions to avian and mammalian development, 1930-1940. *The International Journal of Developmental Biology*. 44:15-23

Sun H, Zhou X, Chen H, Li Q, Costa M. 2009. Modulation of histone methylation and MLH1 gene silencing by hexavalent chromium; *Toxicology and applied Pharmacology* 237(3): 258-266

Sutherland JE, Costa M. 2003. Epigenetics and the Environment. *Annals New York Academy of Sciences* 983: 151-160

Szyf M. 2009. Early life, the Epigenome and human health. *Commentary in Acta Paediatrica*. 98 (7): 1082-1084

Youngson NA and Whitelaw E. 2008. Transgenerational Epigenetic Effects. *Annual Review of Genomics and Human Genetics*. 9:233-257

Zhou X, Li Q, Arita A, Sun H, Costa M. 2009. Effects of nickel, chromate, and arsenite on histone 3 lysine methylation. *Toxicology and Applied Pharmacology* 236(1):78-84

### Websites

COT statement on the COT workshop on transgenerational epigenetics

<http://cot.food.gov.uk/cotstatements/cotstatementsyrs/cotstatements2008/cot200803>