



Post Doctoral scientist one-three years at Sapienza University of Rome,

Dept. Biology and Biotechnology C.Darwin

laboratory of Dr. Paola Ballario at Dpt. of Biology and Biotechnology, University of Rome La Sapienza.

Epigenetic regulation of mitosis and the role of HATs from yeast system to epigenomic platform

To work in the yeast model system to unveil the epigenetic regulation of chromosome segregation and analyse of the epigenetic states in human cancer

Qualifications and Experience

The applicant should have a PhD in Biomedical Sciences/Molecular Biology or related subjects and a good publication record. A strong interest in yeast genetics with expertise in OMICs approach. Extensive experience and competence in molecular and cellular biology, biochemistry, immunohistochemistry Chromatin ChIP analysis and microscopy are necessary. Candidates should be capable of working in a team environment. They should have demonstrated creativity, technical independence and autonomy in presenting research proposal and fundraising.

Informal enquiries are welcome please send CV together with a short summary of previous research, no later than November 30, 2011. to

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Recent

- Caffarelli E, Filetici P. 2011 [Epigenetic regulation in cancer development](#). Front Biosci. 17:2682-94.
- Vernarecci S, Tosi F, Filetici P. 2010 [Tuning acetylated chromatin with HAT inhibitors: a novel tool for therapy](#). Epigenetics. 5(2):105-11.
- Vernarecci S, Ornaghi P, Bâgu A, Cundari E, Ballario P, Filetici P. 2008 [Gcn5p plays an important role in centromere kinetochore function in budding yeast](#). Mol Cell Biol. (3):988-96.
- Grimaldi B, Coiro P, Filetici P, Berge E, Dobosy JR, Freitag M, Selker EU, Ballario P. The Neurospora crassa White Collar-1 dependent blue light response requires acetylation of histone H3 lysine 14 by NGF-1. Mol Biol Cell. 2006 (10):4576-83