

## Publications – Marina Mapelli

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1. Fornasa G, Tsilingiri K, Caprioli F, Botti F, Mapelli M., Meller S, Kislat A, Homey B, Di Sabatino A, Sonzogni A, Viale G, Diaferia G, Gori A, Longhi R, Penna G, Rescigno M. Dichotomy of short and long thymic stromal lymphopoietin isoforms in inflammatory disorders of the bowel and skin. (2015) *J. Allergy Clin. Immunol.* *In press.*
2. Andersen D.S., Colombani J., Palmerini V., Chakrabandhu K., Röthlisberger M., Toggweiler J., Basler K., Mapelli M., Hueber A., and Léopold P. (2015) The *Drosophila* TNF receptor Grindelwald couples loss of cell polarity with neoplastic growth. *Nature*, 522, 482-6.
3. Bezil C., Asada N., Ishiguro K., Nakaya T., Parsons K., Pendolino V., Neumayer G., Mapelli M., Nakatani Y., Sanada K., and Nguyen M.D. (2014) p600 regulates spindle orientation in apical neural progenitors and contributes to neurogenesis in the developing neocortex, *Biology Open* 3, 475-85.
4. Culurgioni S., Mapelli M. (2013) Going vertical: functional role and working principles of the protein Inscuteable in Asymmetric Cell Divisions. *Cellular and Molecular Life Sciences*, 70(21), 4039-46.
5. Migliori V., Mapelli M., Guccione E. (2012) On WD40 proteins: propelling our knowledge of transcriptional control? *Epigenetics*, 7, 815-822.
6. Mapelli M., Gonzalez C. (2012) On the inscrutable role of Inscuteable: structural bases for the competitive binding of NuMA and Inscuteable to LGN. (2102) *Open Biology*, 2
7. Migliori V., Muller J., Phalke S., Low D., Bezzi M., Mok W.C., Sahu S.K., Gunaratne J., Capasso P., Bassi B., Cecatiello V., De Marco A., Blackstock W., Kuznetsov V., Amati B., Mapelli M., Guccione E. (2012) Symmetric dimethylation of H3R2 is a newly identified histone mark that supports euchromatin maintenance. *Nat. Struct. Mol. Biol.* 19, 136-144.
8. Culurgioni S., Alfieri A., Pendolino V., Laddomada F. and Mapelli M. (2011) Inscuteable and NuMA proteins bind competitively to Leu-Gly-Asn repeat-enriched protein (LGN) during asymmetric cell divisions. *P.N.A.S.*, 108, 20998-1003.
9. Mapelli M., Massimiliano L., Santaguida S. and Musacchio A. (2007) The Mad2 Conformational Dimer: Structure and Implications for the Spindle Assembly Checkpoint. *Cell* 131, 730-743.
10. Penengo\* L., Mapelli\* M., Murachelli\* A.G., Confalonieri S., Magri L., Musacchio A., Di Fiore P.P., Polo S., Schneider T.R. (2006) Crystal structure of the ubiquitin binding domains of rabex-5 reveals two modes of interaction with ubiquitin. *Cell* 124, 1183-95.
11. Sessa\* F., Mapelli\* M., Ciferri C., Tarricone C., Areces L.B., Schneider T.R., Stukenberg T.P. and Musacchio A. (2005) Mechanism of Aurora-B activation by INCENP and inhibition by Hesperadin. *Mol. Cell* 18, 379-91.