

PUBLICATIONS

1. Christian Pistore, Elisa Giannoni, Tommaso Colangelo Francesca Rizzo, Elena Magnani, Livio Muccillo, Giorgio Giurato, Monica Mancini, Samantha Rizzo, Mila Riccardi, Nora Sahnane, Del Vescovo Valerio, Kamal Kishore, Martina Mandruzzato, Filippo Macchi, Mattia Pelizzola, Denti Michela A., Daniela Furlan, Alessandro Weisz, Vittorio Colantuoni, Paola Chiarugi and **Ian Marc Bonapace***. *DNA methylation variations are required for epithelial-to-mesenchymal transition induced by cancer-associated fibroblasts in prostate cancer cells*. *Oncogene*. 2017, In press
2. Mancini M, Mandruzzato M, Garzia AC, Sahnane N, Magnani E, Macchi F, Oulad-Abdelghani M, Oudet P, Bollati V, Fustinoni S, Furlan D, **Bonapace IM**. *In vitro hydroquinone-induced instauration of histone bivalent mark on human retroelements (LINE-1) in HL60 cells*. *Toxicol In Vitro*. 2016 Dec 13;40:1-10. doi: 10.1016/j.tiv.2016.12.007
3. Ramesh V, Bayam E, Cernilogar FM, **Bonapace IM**, Schulze M, Riemenschneider MJ, Schotta G, Götz M. *Loss of Uhrf1 in neural stem cells leads to activation of retroviral elements and delayed neurodegeneration*. *Genes Dev*. 2016 Oct 1;30(19):2199-2212.
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7. Morano, T. Angrisano, S. Bartollino, G. Russo, R. Landi, B. Lee, C. Zucchegna, G. Tell, F. Babbio, C. Pistore, **IM Bonapace**, M.T. Muller, L. Chiariotti, M.E. Gottesman, A. Porcellini and E.V. Avvedimento. *Targeted DNA methylation by homology-directed repair in mammalian cells. Transcription reshapes methylation on the repaired gene*. *Nucleic Acids Research*, 2013, 1–18
8. F. Babbio, I. Castiglioni, C. Cassina, C. Pistore, M.B. Gariboldi, G. Badaracco, E. Monti, **IM Bonapace***. *Knockdown of Methyl CpG-binding protein 2 (MeCP2) causes alterations in cell proliferation and nuclear lamins expression in mammalian cells*. *BMC*, 2012 Jul 11;13(1):19
9. Massimo Pancione, Alessandra Fucci, Federica Babbio, Christian Pistore, Iaria Castiglioni, Lucia Altucci, **Ian Marc Bonapace***, Vittorio Colantuoni*. *The coordinated activity of UHRF1 in the epigenetic silencing of PPARG plays an important role in colorectal cancer pathogenesis*. *Oncogene*. 2012 (*Corresponding author)
10. Federica Babbio, Christian Pistore, Laura Curti, Iaria Castiglioni, Kunderfranco Paolo, Laurent Brino, Pierre Oudet, Roland Seiler, George N. Thalman, Manuela Sarti, Sandra Pinton, Maurizia Mello-Grand, Giovanna Chiorino, Carlo V. Catapano, Giuseppina M. Carbone and **Ian Marc Bonapace*** *The SRA protein UHRF1 promotes epigenetic cross-talks and is involved in prostate cancer progression*. *Oncogene*. 2012 Feb 13. doi: 10.1038/onc.2011.641.
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 22. Gallo, A.[^], Benusiglio, E.[^], **Bonapace, I.M.[^]**, Feliciello, A., Cassano, S., Garbi, C., Musti, A.M., Gottesman, M.E., and Avvedimento, E.V. (1992). *v-ras and protein kinase C dedifferentiate thyroid cells by down-regulating nuclear cAMP-dependent protein kinase A*. *Genes Dev* 6, 1621-1630. [^]These authors have equally contributed to this paper
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MANUSCRIPTS IN PREPARATION

1. Magnani E, Babbio F, Macchi F, Curti L, Carbone G, Catapano C, and **Bonapace IM*** *UHRF1 represses E-cadherin during the epithelial-mesenchymal transition by regulating the transcription of an anti-sense long ncRNA from the promoter of CDH1*.
2. Magnani E, Babbio F, Mancini M, Monti E, and **Bonapace IM*** *The coexistence of DNA hypo- and hyper-methylation in cancer: two faces of the same coin ?* Review
3. Ferrandi A, Bolognese F, Babbio F, Pistore C, Badaracco G, Barbieri P, and **Bonapace IM*** *The Deinococcus r. SRA containing protein SHP is required for correct response to DNA double strand break damage*.