

## Original Articles

Belloni E\*, **Di Matteo A\***, Pradella D\*, Vacca M, Wyatt CDR, Alfieri R, Maffia A, Sabbioneda S, Ghigna C. Gene Expression Profiles Controlled by the Alternative Splicing Factor Nova2 in Endothelial Cells. *Cells*. 2019. 8(12). pii: E1498. doi: 10.3390/cells8121498.

\* These authors contributed equally to this work.

Angiolini F, Belloni E, Giordano M, Campioni M, Forneris F, Paronetto MP, Lupia M, Brandas C, Pradella D, **Di Matteo A**, Giampietro C, Jodice G, Luise C, Bertalot G, Freddi S, Malinverno M, Irimia M, Moulton JD, Summerton J, Chiapparino A, Ghilardi C, Giavazzi R, Nyqvist D, Gabellini D, Dejana E, Cavallaro U, Ghigna C. A novel L1CAM isoform with angiogenic activity generated by NOVA2-mediated alternative splicing. *Elife*. 2019. 8. pii: e44305. doi:10.7554/eLife.44305.

Giampietro C, Deflorian G, Gallo S, **Di Matteo A**, Pradella D, Bonomi S, Belloni E, Nyqvist D, Quaranta V, Confalonieri S, Bertalot G, Orsenigo F, Pisati F, Ferrero E, Biamonti G, Fredrickx E, Taveggia C, Wyatt CD, Irimia M, Di Fiore PP, Blencowe BJ, Dejana E, Ghigna C. The alternative splicing factor Nova2 regulates vascular development and lumen formation. *Nat Commun*. 2015. 6:8479. doi:10.1038/ncomms9479.

Bonomi S, **Di Matteo A**, Buratti E, Cabianca DS, Baralle FE, Ghigna C, Biamonti G. (2013). HnRNP A1 controls a splicing regulatory circuit promoting mesenchymal-to-epithelial transition. *Nucleic Acids Res*. **41**: 8665-79.

## Review

Biamonti G, Amato A\*, Belloni E\*, **Di Matteo A\***, Infantino L, Pradella D, Ghigna C. Alternative splicing in Alzheimer's disease. *Aging Clin Exp Res*. 2019. Published online ahead of print. doi:10.1007/s40520-019-01360-x.

\* These authors contributed equally to this work.

Frisone P, Pradella D, **Di Matteo A**, Belloni E, Ghigna C, Paronetto MP. SAM68: Signal Transduction and RNA Metabolism in Human Cancer. *Biomed Res Int*. 2015. 2015:528954. doi:10.1155/2015/528954

## Chapter in book

Paronetto MP, Gallo S, **Di Matteo A**, Ghigna C. Alternative Pre-mRNA Processing in Cancer Progression: Clinical Significance and Therapeutic Implications. 2014. *Global Journal of Human Genetics & Gene Therapy*. 2:1-16.