

## PUBLICATIONS

(\* = co-premier auteur, # = co-corresponding)

### Articles:

- Candelli T.\*, Challal D.\*, Briand JB.\*, Boulay J., Porrua O., **Colin J.#** and Libri D.# (2018) High-resolution transcription maps reveal the widespread impact of roadblock termination in yeast. **EMBO Journal**, doi: 10.15252/emj.201797490.
- Colin J.\***, Garibal J.\*, Clavier A., Szuplewski S., Risler Y., Millet C., Gaumer S., GuénaI. and Mignotte B. (2015) Screening of suppressors of *bax*-induced cell death identifies glycerophosphate oxidase-1 as a mediator of *debcl*-induced apoptosis in *Drosophila*. **Genes and Cancer** 6(5-6), 241-253.
- Colin J.**, Candelli T., Porrua O., Boulay J., Zhu C., Lacroute F., Steinmetz L.M. and Libri D. (2014). Roadblock termination by Reb1p restricts cryptic and read-through transcription. **Mol Cell** 56(5), 667-680.
- Colin J.**, Garibal J., Clavier A., Rincheval-Arnold A., Gaumer S., Mignotte B. and GuénaI. (2014) The *Drosophila* Bcl-2 family protein Debcl is targeted to the proteasome by the  $\beta$ -TrCP homologue Slimb. **Apoptosis** 19(10), 1444-1456.
- Colin J.**, Garibal J., Mignotte B. and GuénaI. (2009) The mitochondrial TOM complex modulates *bax*-induced apoptosis in *Drosophila*. **Biochem Biophys Res Commun.** 379(4), 939-943.
- Thiebaut M.\*, **Colin J.\***, Neil H., Jacquier A., Séraphin B., Lacroute F. and Libri D. (2008) Futile cycle of transcription initiation and termination modulates the response to nucleotides shortage in *S. cerevisiae*. **Mol Cell.** 31(5), 671-682.
- Brun S., Rincheval-Arnold A., **Colin J.**, Risler Y., Mignotte B. and GuénaI. (2006) The myb-related gene stonewall induces both hyperplasia and cell death in *Drosophila*: rescue of fly lethality by coexpression of apoptosis inducers. **Cell Death and Differ.** 13(10), 1752-1762.
- Jensen T. H., Boulay J., Olesen J. R., **Colin J.**, Weyler M., and Libri D. (2004). Modulation of transcription affects mRNP quality. **Mol Cell** 16(2), 235-244.

### Revue et chapitres d'ouvrages :

#### Revue:

- Clavier A., Rincheval-Arnold A., **Colin J.**, Mignotte B. and GuénaI. (2016) Apoptosis in *Drosophila*: which role for mitochondria? **Apoptosis.** 21(3),239-251.
- Colin J.**, Libri D. and Porrua O. (2011) Cryptic transcription and early termination in the control of gene expression. **Genet Res Int.** doi:10.4061/2011/653494.
- Colin J.**, Gaumer S., GuénaI. and Mignotte B. (2009) Mitochondria, Bcl-2 family proteins and apoptosomes: of worms, flies and men. **Front Biosci.** 14, 4127-4137.

#### Chapitre d'ouvrage :

- Mignotte B., **Colin J.**, Brun S. and GuénaI. (2005). Apoptosis : the fly point of view. **Research Signpost**, Apoptosis ISBN : 81-308-0021-7.

#### "Research Highlight" :

- Colin J.**, Libri D. and Villa T. (2010). Sex matters in the birth of genes. **Cell Res.** 20(5), 499-501.