

Research group: Damien HERMAND



Genetic regulation of gene expression

Understanding how a single genome encodes the blueprint of a complex organism with differentiated cell types

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Transcription-wide mapping of dihydrouridine (D) reveals that mRNA dihydrouridylation is required for meiotic chromosome segregation

O. Finet, C. Yague-Sanz, L.-K. Kruger, P. Tran, V. Migeot, M. Louski, A. Nevers, M. Rougemaille, J. Sun, F. Ernst, L. Wacheul, M. Wery, A. Morillon, P. Dedon, D. Lafontaine and D. Hermand

***Molecular Cell* 82(2), 2022**

RNA polymerase II CTD S2P is dispensable for embryogenesis but mediates exit from developmental diapause in *C. elegans*

C. Cassart, C. Yague-Sanz, F. Bauer, P. Ponsard, F.-X. Stubbe, V. Migeot, M. Wery, A. Morillon, F. Palladino, V. Robert and D. Hermand

***Science Advances* 9(6), 2020**

Reciprocal regulation of TORC signaling and tRNA modifications by Elongator enforces nutrient-dependent cell fate

J. Candiracci, V. Migeot, Y.H. Chionh, F. Bauer, T. Brochier, B. Russell, K. Shiozaki, P. Dedon and D. Hermand

***Science Advances* 5(6), 2019**

Repression of cell differentiation by a *cis*-acting lincRNA in fission yeast

S. Fauquenoy, V. Migeot, O. Finet, C. Yague-Sanz, O. Khorosjustina, K. Ekwall, and D. Hermand

***Current Biology* 28(3), 2018 (383-391)**

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