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FORTHCOMING PAPERS

Bioinformatics

Transposable elements contribute to the spatiotemporal microRNA landscape in human brain development

Christopher J. Playfoot, Shaoline Sheppard, Evarist Planet, and Didier Trono

Articles

The *Trypanosoma brucei* RNA-binding protein DRBD18 ensures correct mRNA trans splicing and polyadenylation patterns

Tania Bishola Tshitenge and Christine E. Clayton

A dual role for the RNA helicase DHX34 in NMD and pre-mRNA splicing and its function in hematopoietic differentiation

Nele Hug, Stuart Aitken, Dasa Longman, Michaela Raab, Hannah Armes, Abigail R. Mann, Ana Rio-Machin, Jude Fitzgibbon, Kevin Rouault-Pierre, and Javier F. Caceres

The *Bacillus subtilis* open reading frame *ysgA* encodes the SPOUT methyltransferase RlmP forming 2'-O-methylguanosine at position 2553 in the A-loop of 23S rRNA

Martine Roovers, Geoffray Labar, Philippe Wolff, André Feller, Dany Van Elder, Romuald Soin, Cyril Gueydan, Véronique Kruys, and Louis Droogmans

Structure of the dengue virus RNA promoter

Yi-Ting Sun and Gabriele Varani

Biological solution conditions and flanking sequence modulate LLPS of RNA G-quadruplex structures

Allison M. Williams, Taylor Dickson, Claudia Lagoa-Miguel, and Philip C. Bevilacqua

Method

High-throughput imaging of mRNA at the single-cell level in human primary immune cells

Manasi Gadkari, Jing Sun, Adrian Carcamo, Hugh Alessi, Zonghui Hu, Iain D.C. Fraser, Gianluca Pegoraro, and Luis Miguel Franco