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Publishing and Advertising Offices: Cold Spring Harbor Laboratory Press, 1 Bungtown Road, Cold Spring Harbor, New York 11724-2203. For advertising rates and data, contact Marcie Siconolfi, Advertising Manager, at 516-422-4010 (telephone) or 516-422-4092 (fax).

Instructions for Contributors: Instructions for contributors are published in each issue of RNA and are available online (<http://www.majournal.org>).

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RNA (ISSN 1355-8382) is published monthly by Cold Spring Harbor Laboratory Press, 500 Sunnyside Blvd., Woodbury, NY 11797-2924. Periodicals paid at Woodbury, NY, and additional mailing offices. **POSTMASTER:** Send address changes to Cold Spring Harbor Laboratory Press, Journals Fulfillment Dept., 500 Sunnyside Blvd., Woodbury, NY 11797-2924.

FORTHCOMING PAPERS

Bioinformatics

SCRAP: a bioinformatic pipeline for the analysis of small chimeric RNA-seq data

William T. Mills IV, Sreenivas Eadara, Andrew E. Jaffe, and Mollie K. Meffert

Report

The two Gtsf paralogs in silkworms orthogonally activate their partner PIWI proteins for target cleavage

Natsuko Izumi, Keisuke Shoji, Takashi Kiuchi, Susumu Katsuma, and Yukihide Tomari

Articles

Human PRPF39 is an alternative splicing factor recruiting U1 snRNP to weak 5' splice sites

Sara Espinosa, Francesca De Bortoli, Xueni Li, John Rossi, Marisa E. Wagley, Hei-Yong G. Lo, J. Matthew Taliaferro, and Rui Zhao

Structure and thermodynamics of a UGG motif interacting with Ba²⁺ and other metal ions: accommodating changes in the RNA structure and the presence of a G(syn)–G(syn) pair

Agnieszka Kiliszek, Martyna Pluta, Magdalena Bejger, and Wojciech Rypniewski

The kinesin motor KIF1C is a putative transporter of the exon junction complex in neuronal cells

Maike Nagel, Marvin Noss, Jishu Xu, Nicola Horn, Marius Ueffing, Karsten Boldt, and Rebecca Schuele

lncRNA *Malat1* and miR-26 cooperate in the regulation of neuronal progenitor cell proliferation and differentiation

Nina Was, Mark Sauer, Utz Fischer, and Matthias Becker

A-MYB/TCFL5 regulatory architecture ensures the production of pachytene piRNAs in placental mammals

Tiangxiong Yu, Adriano Biasini, Katharine Cecchini, Martin Sjöflund, Haiwei Mou, Amena Arif, Atiyeh Eghbali, Dirk G. de Rooij, Zhiping Weng, Phillip D. Zamore, and Deniz M. Özata

Method

i-tRAP (individual tRNA acylation PCR): a convenient method for selective quantification of tRNA charging

Yusuke Tsukamoto, Yumi Nakamura, Makoto Hirata, Ryuichi Sakate, and Tomonori Kimura