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FORTHCOMING PAPERS

Hypothesis

Insertions of codons encoding basic amino acids in H7 hemagglutinins of influenza A viruses occur by recombination with RNA at hotspots near snoRNA binding sites

Alexander P. Gultyaev, Monique I. Spronken, Mathis Funk, Ron A.M. Fouchier, and Mathilde Richard

Bioinformatics

Expansion segments in bacterial and archaeal 5S ribosomal RNAs

Victor G. Stepanov and George E. Fox

Articles

Mechanistic analysis of the enhanced RNAi activity by 6-mCEPh-purine at the 5' end of the siRNA guide strand

Vincent Brechin, Fumikazu Shinohara, Jun-ichi Saito, Herve Seitz, and Yukihide Tomar

Cold-inducible RNA binding protein promotes breast cancer cell malignancy by regulating Cystatin C levels

Alberto Indacochea, Santiago Guerrero, Macarena Ureña, Ferrán Araujo, Olga Coll, Matilde E. LLeonart, and Fátima Gebauer

RNA partitioning into stress granules is based on the summation of multiple interactions

Tyler Matheny, Briana Van Treeck, Thao Ngoc Huynh, and Roy Parker

siRNA potency enhancement via chemical modifications of nucleotide bases at the 5'-end of the siRNA guide strand

Fumikazu Shinohara, Taiji Oashi, Toshimasa Harumoto, Tomoyuki Nishikawa, Yuki Takayama, Hikaru Miyagi, Yuichi Takahashi, Takahiro Nakajima, Takashi Sawada, Yasuo Koda, Asana Makino, Atsuko Sato, Kaori Hamaguch, Michihiko Suzuki, Junichiro Yamamoto, Yukihide Tomari, and Jun-Ichi Saito

Method

Inducible nuclear import by TetR aptamer-controlled 3' splice site selection

Adam A. Mol, Marc Vogel, and Beatrix Suess