令和元年-5年度 文部科学省 科学研究費補助金 新学術領域研究（研究領域提案型）
全能性プログラム：デコーディングからデザインへ
Program of totipotency: From decoding to designing

Online Seminar hosted by the Program of Totipotency

2023. April 6（Thursday）16:00～17:30

Remodeling of maternal mRNA through poly(A) tail orchestrates human oocyte-to-embryo transition

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Zoom link: https://riken-jp.zoom.us/j/97459941247
Lab HP: http://sourcedb.genetics.cas.cn/yw/zjrc/db/201612/t20161202_4715253.html

Reference:

Yusheng Liu, Han Zhao, Fanghong Shao, Yiwei Zhang, Hu Nie, Jingye Zhang, Cheng Li, Zhenzhen Hou, Zi-Jiang Chen, Jiaqiang Wang, Bing Zhou, Keliang Wu & Falong Lu (2023) Remodeling of maternal mRNA through poly(A) tail orchestrates human oocyte-to-embryo transition. ***Nat Struct Mol Biol***. https://doi.org/10.1038/s41594-022-00908-2

Yusheng Liu, Yiwei Zhang, Jiaqiang Wang, and Falong Lu. (2022). Transcriptome-wide measurement of poly(A) tail length and composition at sub-nanogram total RNA sensitivity by PAIso-seq. ***Nature Protocols*** (published online). DOI: 10.1038/s41596-022-00704-8

Yusheng Liu, Hu Nie, Hongxiang Liu, and Falong Lu. (2019). Poly(A) inclusive RNA isoform sequencing (PAIso-seq) reveals wide-spread non-adenosine residues within RNA poly(A) tails. ***Nature Communications*** 10(1): 5292. DOI: 10.1038/s41467-019-13228-9

Host: Azusa Inoue at RIKEN IMS（azusa.inoue@riken.jp）
Please contact Azusa Inoue if you want to personally discuss with Dr. Lu after the seminar.