

Publications

Recent Publications

Fang HT, EL Farran CA, Xing QR, Zhang LF, Li H, Lim B, Loh YH.

Global H3.3 Dynamic Deposition Defines its Bimodal Role in Cell Fate Transition.

Nat Commun. 2018 April 18;9:1537.

Cheng H, Ang YKH, Li P, Fang HT, EL Farran C, Liu TM, Kong SL, Chin LZM, Lim KH, Li H, Loh YH*, Lim B.

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Nat Commun. 2016 Nov 21;7:13396.

*As Corresponding author

Khattar E, Kumar P, Liu CY, Akincilar SC, Raju A, Lakshmanan M, Maury JJ, Qiang Y, Li S, Tan EY, Hui KM, Shi M, Loh YH, Tergaonkar V.

Telomerase reverse transcriptase promotes cancer cell proliferation by augmenting tRNA expression

J Clin Invest. 2016 Sep 19. pii: 86042. doi: 10.1172/JCI86042. [Epub ahead of print]

Chen HY, Tan HK, Loh YH*.

Derivation of Transgene-Free Induced Pluripotent Stem Cells from a Single Drop of Blood.

Curr Protoc Stem Cell Biol. 2016 Aug 17;38:4A.9.1-4A.9.10.

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Single-cell multimodal profiling reveals cellular epigenetic heterogeneity.

Nat Methods. 2016 Aug 15. doi: 10.1038/nmeth.3961. [Epub ahead of print]

Sivalingam J, Lam AT, Chen HY, Yang BX, Chen AK, Reuveny S, Loh YH, Oh SK.

Superior Red Blood Cell Generation from Human Pluripotent Stem Cells Through a Novel Microcarrier-Based Embryoid Body Platform.

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LIN28 Regulates Stem Cell Metabolism and Conversion to Primed Pluripotency.

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RNAi Reveals Phase-Specific Global Regulators of Human Somatic Cell Reprogramming.

Cell Rep. 2016 Jun 21;15(12):2597-607. Epub 2016 Jun 9.

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Zhang W, Ni P, Mou C, Zhang Y, Guo H, Zhao T, Loh YH*, Chen L.

Cops2 promotes pluripotency maintenance by Stabilizing Nanog Protein and Repressing Transcription.

Sci Rep. 2016 May 26;6:26804.

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Seah YF, El Farran CA, Warriar T, Xu J, Loh YH*.

Induced Pluripotency and Gene Editing in Disease Modelling: Perspectives and Challenges.

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