

Jinsong Li, Ph.D.

PUBLICATIONS (#Co-first authors, *: Correspondence authors)

1. Chen Y, Tan F, Fang Q, Zhang L, Liao J, Shen P, Qian Y, Wen M, Song R, Fu Y, Xu HJ, Wang R, Li C*, Shao Z*, Li J*, Jing N* & Yang X*. Gastrula-premarked posterior enhancer primes posterior tissue development through cross-talk with TGF- β signaling pathway. ***Advanced Science*** (2025), e00895.
2. Liu Z#, Wan X#, Chen J#, Ma Y#, Fu Y#, Chen Y, Wen M, Yang Y, Qian Y, Zhang Y, Zhu D*, Li J*, Jing N* & Yang X*. Genomic locus of lncRNA-Gm26793 forms an inter-chromosomal interaction with Cubn to ensure proper stem cell differentiation in vitro and in vivo. ***Cell Discovery*** 11(1)(2025), 53.
3. Zhang D, Abultipu A, Pang P, Bai L, Liu L, Tuerxunmaimaiti S, Chen W, Chen S, Lv H, Fu Y, Du Q, Jin F, Yi C, Hao Y, Ma L, Li Jinsong, Ling Z, Zhang Y, Zhao L, Fan W, Du G, Sun B. ECM1 Protects Against Liver Steatosis through PCBP1-Mediated Iron Homeostasis. ***Hepatology*** (2024): May 5. Online ahead of print.
4. Yin X#, Yan M#, Cheng Y, Li Z, Cui C, Wang Y, Liu N, Shu Y, Li J* & Li Q*. Efficient generation of all ESC-derived mice carrying a homozygous lethal mutation through eight-cell embryo injection. ***Sci China Life Sci*** 68(5)(2025): 1524-1527. doi: 10.1007/s11427-024-2762-3
5. Yan M#, Zhang XM#, Yang Z, Jia M, Liao R & Li J*. Visualization of chromosomal reorganization induced by heterologous fusions in the mammalian nucleus. ***Nat Commun*** 16(1)(2025): 1485.
6. Ma Y, Yan M, Xie Z, Zhang H, Li Z, Li Y, Yang S, Zhang M, Li W* & Li J*. Generation of live mice from haploid ESCs with germline-DMR deletions or switch. ***Cell Discovery*** 11(1)(2025): 5.
7. Zhang Lin#, Cao SM#, Wu H, Yan M, Li J* & Chen LL*. A CRISPR/RfxCas13d-mediated strategy for efficient RNA knockdown in mouse embryonic development. ***Sci China Life Sci*** 67(11)(2024), 2297-2306. (Cover story)
8. Huang C, Zhu W, Li Q, Lei Y, Liu S, Chen D, Zhong L, Gao F, Fu S, He D, Li J & Xu H. Antibody Fc-receptor Fc ϵ R1 γ stabilizes cell surface receptors in group 3 innate lymphoid cells and promotes anti-infection immunity. ***Nat Commun*** 15(1)(2024): 5981.
9. Liu X, Xie H, Liu W, Zuo J, Li S, Tian Y, Zhao J, Bai M, Li J, Bao L, Han J & Zhang ZC. Dynamic regulation of alternative polyadenylation by PQBP1 during neurogenesis. ***Cell Reports*** 43(8)(2024), 114525. Aug 27, 2024.
10. Jiang D, Jiao L, Li Q, Xie R, Jia R, Jia H, Wang S, Chen Y, Liu S, Huang D, Zheng J, Song W, Li Y, Chen J, Li J, Ying B & Yu Li. Neutrophil-derived migrasomes are an essential part of the coagulation system. ***Nat Cell Biol*** 26(7)(2024), 1110-1123.
11. Feng H, Yang S, Zhang L, Zhu J, Li J* & Yang Z*. A new Prdm1-Cre line is

- suitable for studying the second heart field development. *Dev Biol* 514(2024): 78-86.
12. Lu L, Bai M, Zheng Y, Wang X, Chen Z, Peng R, Finnell RH, Zhao T, Li C, Wu B, Lei Y, Li J* & Wang H*. The interaction of endorepellin and neurexin triggers neuroepithelial autophagy and maintains neural tube development. *Sci Bull* 69(14)(2024): 2260-2272.
 13. Wei H[#], Gao J[#], Lin DH[#], Geng R[#], Liao J, Huang TY, Shang G, Jing J, Fan ZW, Pan D, Yin ZQ, Li T, Liu X, Zhao S, Chen C, Li J, Wang X*, Ding D* & Liu MF*. piRNA loading triggers MIWI translocation from the intermitochondrial cement to chromatoid body during mouse spermatogenesis. *Nat Commun* 15(2024): 2343.
 14. Liu S, Xu J, Ai Y, Zhang Y, Li S*, Li J* & Li Y*. Derivation of zebrafish heart-related haploid cells. *J Mol Cell Biol* 15(1)(2024), 2343.
 15. Chen Y[#], Yang B[#], Zhang MX[#], Chen S[#], Wang M, Hu L, Pan N, Li S, Shi W, Yang Z, Wang L, Tan Y, Wang J, Wang Y, Xing Q, Ma Z, Li J, Huang HF*, Zhang J* & Xu C*. Biallelic variants in RBM42 cause a multisystem disorder with neurological, facial, cardiac, and musculoskeletal involvement. *Protein & Cell* 15(1)(2024): 52-68. pwad034, <https://doi.org/10.1093/procel/pwad034>. 09 June 2023
 16. Wang R[#], Yang X[#], Chen J[#], Zhang L[#], Griffiths JA, Cui G, Yingying Chen Y, Qian Y, Peng G, Li J, Wang L, Marioni JC, Tam PPL* & Jing N*. Time space and single-cell resolved tissue lineage trajectories and laterality of body plan at gastrulation. *Nat Commun* 14(1)(2023): 5675.
 17. Lai F[#], Li L[#], Hu X[#], Liu B[#], Zhu Z, Liu L, Fan Q, Tian H, Xu K, Lu X, Li Q, Feng K, Wang L, Lin Z, Deng H, Li J & Xie W*. NR5A2 connects zygotic genome activation to the first lineage segregation in totipotent embryos. *Cell Res* 33(12)(2023): 952-966.
 18. Liu Y[#], Li Q[#], Yan T, Chen H, Wang J, Wang Y, Yang Y, Xiang L, Chi Z, Ren K, Lin B, Lin G, Li J, Liu Y* & Gu F*. Adenine base editor-mediated splicing remodeling activates noncanonical splice sites. *J Bio Chem* 299(12)(2023): 105442. Nov 9, 2023.
 19. Gu W[#], Zhang J[#], Li Q[#], Zhang Y[#], Lin X[#], Wu B[#], Yin Q[#], Sun J, Lu Y, Sun X, Jia C, Li C, Zhang Y, Wang M, Yin X, Wang S, Xu J, Wang R, Zhu S, Cheng S, Chen S, Liu L, Zhu L, Yan C, Yi C, Li X, Lian Q, Lin G, Ling Z, Ma L, Zhou M, Xiao K, Wei H, Hu R*, Zhou W*, Ye L*, Wang H*, Li J* & Sun B*. The TRIM37 variants in Mulibrey nanism patients paralyze follicular helper T cell differentiation. *Cell Discovery* 9(1)(2023): 82.
 20. Liu C, Wang Q, Gu L, Wang X, Yin Y, Huang T, Xiao S, Zhang S, Wang F, Zhou T, Xu G, Wang L, Dong F, Jiang J, Luo M, Li J, Zhang H, Chen ZJ, Ji W, Ji B, Liu

- H & Li W. CCDC176 stabilizes microtubule doublets 1 and 9 to ensure proper sperm movement. *Curr Biol* 33(16)(2023): 3371-3388. Aug 21, 2023.
21. Li Q[#], Lu J[#], Yin X[#], Chang Y[#], Wang C[#], Yan M[#], Feng L, Cheng Y, Gao Y, Xu B, Zhang Y, Wang Y, Cui G, Xu L, Sun Y, Zeng R, Li Y, Jing N, Xu GL*, Wu L*, Tang F* & Li J*. Base editing-mediated one-step inactivation of the Dnmt gene family reveals critical roles of DNA methylation during mouse gastrulation. *Nat Commun* 14(1)(2023): 2922.
 22. Wang X[#], Lin DH[#], Yan Y[#], Wang AH[#], Liao J[#], Meng Q[#], Yang WQ[#], Zuo H, Hua MM, Zhang F, Zhu H, Zhou H, Huang TY, He R, Li G, Tan YQ, Shi HJ, Gou LT, Li D, Wu L, Zheng Y, Fu XD, Li J, Liu R*, Li GH* & Liu MF*. The PIWI-specific insertion module helps load longer piRNAs for translational activation essential for male fertility. *Sci China Life Sci* 66(7)(2023), 1459-1481.
 23. Li Q*, Cui C, Liao R, Yin X, Wang D, Cheng Y, Huang B, Wang L, Yan M, Zhou J, Zhao J, Tang W, Wang Y, Wang X, Lv J, **Li Jinsong**, Li H* & Shu Y*. The pathogenesis of common Gjb2 mutations associated with human hereditary deafness in mice. *Cell Mol Life Sci* 80(6)(2023), 148.
 24. Xu K, Su X, Fang K, Lv Y, Huang T, Li M, Wang Z, Yin Y, Muhammad T, Liu S, Chen X, Jiang J, Li J, Chan WY, Ma J, Lu G*, Chen ZJ*, & Liu H*. The slingshot phosphatase 2 is required for acrosome biogenesis during spermatogenesis in mice. *eLife* Mar 21, 2023, eLife.83129.
 25. Shan L, Xu G, Yao RW, Luan PF, Huang Y, Zhang PH, Pan YH, Zhang L, Gao X, Li Y, Cao SM, Gao SX, Yang ZH, Li S, Yang LZ, Wang Y, Wong CCL, Yu L, Li J, Yang L, Chen LL. Nucleolar URB1 ensures 3' ETS rRNA removal to prevent exosome surveillance. *Nature* 615(7952)2023, 526-534. published: 08 March 2023.
 26. Cui Q, Bi H, Lv Z, Wu Q, Hua J, Gu B, Huo C, Tang M, Chen Y, Chen C, Chen S, Zhang X, Wu Z, Lao Z, Sheng N, Shen C, Zhang Y, Wu Z, Jin Z, Yang P, Liu H, Li J* & Bai G*. Diverse CMT2 neuropathies are linked to aberrant G3BP interactions in stress granules. *Cell* 186(4)(2023), 803-820.
 27. Tian S, Wang Z, Liu L, Zhou Y, Lv Y, Tang D, Wang J, Jiang J, Wu H, Tang S, Wagn G, Geng H, Tao F, Liu H, He X, Zhang F, Li J, Jin L, Huang T*, Liu C* & Chao Y*. A homozygous frameshift mutation in *ADAD2* causes male infertility with spermatogenic impairments. *J Genet Genomics* 50(4)(2023): 284-288. Jan 3; S1673-8527(22)00284-3.
 28. Wang Y, Qu Z, Fang Y, Cheng Y, Peng J, Song J, Li J, Shi J, Zhou JQ* & Zhao Y*. Chromosome territory reorganization through artificial chromosome fusion is compatible with cell fate determination and mouse development. *Cell Discovery* 9:11(2023). <https://doi.org/10.1038/s41421-022-00511-1>

29. Zhang XM[#], Yan M[#], Yang Z[#], Xiang H[#], Tang W, Cai X, Wu Q, Liu X, Pei G & Li J. Creation of artificial karyotypes in mice reveals robustness of genome organization. ***Cell Res*** 32(11)(2022): 1026–1029. Published online: Sep 21, 2022. <https://doi.org/10.1038/s41422-022-00722-x>
30. Hu B, Lv X, Wei L, Wang Y, Zheng G, Yang C, Zang F, Wang J, Li J, Wu X, Yue Z, Xiao Q, Shao Z, Yuan W, Li J, Cao P, Xu C & Chen H. Sensory Nerve Maintains Intervertebral Disc Extracellular Matrix Homeostasis Via CGRP/CHSY1 Axis. ***Advanced Science*** 9(30)(2022), 2202620.
31. Xiao Y, Chen J, Yang S, Sun H, Xie L, Li J, Jing N & Zhu X. Maternal mRNA deadenylation and allocation via Rbm14 condensates facilitate vertebrate blastula development. ***The EMBO Journal*** (2022), e111364.
32. Huang C, Li Q & Li J. Site-specific genome editing in treatment of inherited diseases: possibility, progress, and perspectives. ***Medical Review*** 2(5)(2022), 471–500.
33. Kang JY, Wen Z, Pan D, Zhang Y, Li Q, Zhong A, Yu X, Wu YC, Chen Y, Zhang X, Kou PC, Geng J, Wang YY, Hua MM, Zong R, Li B, Shi HJ, Li D, Fu XD, Li J, Nelson DL, Guo X, Zhou Y, Gou LT, Huang Y & Liu MF. LLPS of FXR1 drives spermiogenesis by activating translation of stored mRNAs. ***Science*** 377(6607)(2022), eabj6647.
34. Wang F[#], Zhao M[#], Chang B[#], Zhou Y, Wu X, Ma M, Liu S, Cao Y, Zheng M, Dang Y, Xu J, Chen L, Liu T, Tang F, Ren Y, Xu Z, Mao Z, Huang K, Luo M, Li J*, Liu H* & Ge B*. Cytoplasmic PARP1 links the genome instability to the inhibition of antiviral immunity through PARylating cGAS. ***Mol Cell*** 82(11)(2022), 2032-2049.e7. Published online: 22 Apr 2022.
35. Bai M, Liang D, Cheng Y, Liu G, Wang Q, Li J & Wu Y. Gonadal mosaicism mediated female-biased gender control in mice. ***Protein & Cell*** 13(11)(2022), 863-868. Published online: 25 March 2022.
36. Li G, Yang X, Wang L, Pan Y, Chen S, Shang L, Zhang Y, Wu Y, Zhou Z, Chen Q, Zhang X, Zhang L, Wang Y, Li J, Jin L, Wu Y, Zhang X & Zhang F. Haploinsufficiency in non-homologous end joining factor 1 induces ovarian dysfunction in humans and mice. ***J Med Genet*** 59(6)(2022), 579-588. Apr 22; [jmedgenet-2020-107398](https://doi.org/10.1093/jmedgenet/2020-107398)
37. Cao D[#], Yu J[#], Wang H[#], Luo Z[#], Liu X[#], He L, Qi J, Fan L, Tang L, Chen Z, Li J, Cheng J & Wang S. Structure-based discovery of nonhallucinogenicpsychedelic analogs. ***Science*** 375(6579)(2022), 403-411.
38. Yang W, Yang L, Zhang Y, Li S, Yin Q, Cheng H, Li J, Hui J* & Hu P*. Msi2 mediated MiR7a-1 processing repression promotes myogenesis. ***Journal of Cachaxia, Sarcopenia and Muscle*** 13(1)(2022), 728-742. (IF: 9.8)

39. Li J & Zeng Y. Preface to the special topic on tissue stem cell research. **Science China Life Science** 62(6)(2021), 865-867. (Editorial) Online ahead of print.
40. Zhang H[#], Li Y[#], Ma Y[#], Lai C, Yu Q, Shi G, Li J*. Epigenetic integrity of paternal imprints enhances the developmental potential of androgenetic haploid embryonic stem cells. **Protein & Cell** 13(2)(2021), 102-119. Dec 5. doi: 10.1007/s13238-021-00890-3. Online ahead of print.
41. Wu T[#], Wang Y[#], Xiao T, Ai Y, Li J*, Zeng YA* & Yu QC*. Lentiviral CRISPR-guided RNA library screening identified Adam17 as an upstream negative regulator of Procr in mammary epithelium. **BMC Biotech** (2021), 21:42
42. Fu J[#], Li Q[#], Liu X[#], Tu T[#], Lv X, Yin X, Lv J, Song Z, Qu J, Zhang J, Li J* & Gu F*. Human cell based directed evolution of adenine base editors with improved efficiency. **Nat Commun** 12(1)2021: 5897.
43. Song X, Yang F, Liu X, Xia P, Yin W, Wang Z, Wang Y, Yuan X, Dou Z, Jiang K, Ma M, Hu B, Zhang R, Xu C, Zhang Z, Ruan K, Tian R, Li L, Liu T, Hill DL, Zang J*, Liu X*, Li J*, Cheng J* & Yao X*. Dynamic crotonylation of EB1 by TIP60 ensures accurate spindle positioning in mitosis. **Nat Chem Biol** (2021),
44. Zhao T[#], Li Q[#], Zhou C[#], Lv X[#], Liu H, Tu T, Tang N, Cheng Y, Liu X, Liu C, Zhao J, Song Z, Wang H, Li J* & Gu F*. Small-molecule compounds boost genome-editing efficiency of cytosine base editor. **Nucleic Acids Res** 49(15)(2021), 8974-8986.
45. Jiang Y, Fu X, Zhang Y, Wang SF, Zhu H, Wang WK, Zhang L, Wu P, Wong CCL, Li J, Ma J, Guan JS, Huang Y & Hui J. Rett syndrome linked to defects in forming the MeCP2/Rbfox/LASR complex in mouse models. **Nat Commun** 12(1)2021: 5767.
46. Qiu J, Zhang J, Ji Y, Sun H, Gu Z, Sun Q, Bai M, Gong J, Tang J, Zhang Y, Li S, Shao Z, Li J, Sheng H, Shen L & Qiu J. Tissue signals imprint Aiolos expression in ILC2s to modulate type 2 immunity. **Mucosal Immunol** 14(6)2021: 1306-1322.
47. Chen Y, Wang Y, Chen J, Zuo W, Fan Y, Huang S, Liu Y, Chen G, Li Q, Li J, Wu J, Bian Q, Huang C & Lei M. The SUN1-SPDYA interaction plays an essential role in meiosis prophase I. **Nat Commun** 12(1)2021: 3176.
48. Liu C, Liu H, Zhang H, Wang L, Li M, Cai F, Wang X, Wang L, Zhang R, Yang S, Liu W, Liang Y, Wang L, Song X, Su S, Gao H, Jiang J, Li J, Luo M, Gao F, Chen Q, Li W & Chen ZJ. Paternal USP26 mutations raise Klinefelter syndrome risk in the offspring of mice and humans. **EMBO J** 2021 May 12, e106864
EMBJ.2020106864
49. Pan X, Zhao J, Zhou Z, Chen J, Yang Z, Wu Y, Bai M, Jiao Y, Yang Y, Hu X, Cheng T, Lu Q, Wang B, Li CL, Lu YJ, Diao L, Zhong YQ, Pan J, Zhu J, Xiao HS, Qiu ZL, Li J, Wang Z, Hui J, Bao L & Zhang X. 5'-UTR SNP of FGF13

causes translational defect and intellectual disability. *Elife* 2021 June 29; 10: e63021

50. Wang Y*, Yan M*, Zhang X*, Liu X, Lai C, Ding Y, Tong MH* & Li J*. Rescue of male infertility through correcting a genetic mutation causing meiotic arrest in spermatogonial stem cells. *Asian J Andrology* 23(6)2021, 590-599.
51. Wang Q, Dong X, Hu T, Qu C, Lu J, Zhou Y, Li J & Pei G. Constitutive Activity of Serotonin Receptor 6 Regulates Human Cerebral Organoids Formation and Depression-like Behaviors. *Stem Cell Rep* 16(1)2021, 75-88.
52. Liu C, Tu C, Wang L, Huan Wu H, Houston B, Mastroso F, Shen Y, Wang J, Tian S, Meng L, Cong J, Yang S, Jiang Y, Tang S, Zeng Y, Lv M, Zhang W, Lin G, Li J, Saiyin H, He X, Jin L, Touré A, Ray PF, Veltman JA, Shi Q, O'Bryan MK, Cao Y, Tan YQ & Zhang F. Deleterious Variants in X-Linked CFAP47 Induce Asthenoteratozoospermia and Primary Male Infertility. *Am J Hum Genet* 2021
53. Wang J, Chu K, Li J, Fu J, Zeng Y* & Li W*. Procr-expressing granulosa cells are highly proliferative and are important for follicle development. *iScience* 2021
54. Li S[#], Li X[#], Xue W[#], Zhang L[#], Yang LZ, Cao SM, Lei YN, Liu CX, Guo SK, Shan L, Wu M, Tao X, Zhang JL, Gao X, Zhang J, Wei J, Li J*, Yang L* & Chen L*. Screening for functional circular RNAs using the CRISPR–Cas13 system. *Nat Methods* 18(1)(2021), 51-59. Dec 7. doi: 10.1038/s41592-020-01011-4.
55. Wei L, Cao P, Xu C, Zhong H, Wang X, Bai M, Hu B, Wang R, Ning L, Tian Y, Chen H, Li J* & Yuan W*. Chondroitin synthase-3 regulates nucleus pulposus degeneration through actin-induced YAP signaling. *FASEB J* 34(12)2020, 16581-16600. doi: 10.1096/fj.202001021R. Epub 2020 Oct 22.
56. Yan M & Li J. Combined application of CRISPR-Cas9 and stem Cells for clinical and basic research. *Cell Regeneration* 9(1)(2020), 1-3.
57. Duan S, Li H, Zhang Y, Yang S, Chen Y, Qiu B, Huang C, Wang J, Li J, Zhu X & Yan X. Rabl2 GTP hydrolysis licenses BBSome-mediated export to fine-tune ciliary signaling. *EMBO J* 2020 Nov 26; e105499. doi: 10.15252/emboj.2020105499.
58. Ye B, Yang L, Qian G, Liu B, Zhu X, Zhu P, Ma J, Xie W, Li H, Lu T, Wang Y, Wang S, Du Y, Wang Z, Jiang J, Li J, Fan D, Meng S, Wu J, Tian Y & Fan Z. The chromatin remodeler SRCAP promotes self-renewal of intestinal stem cells. *EMBO J* 39(2020), e103786.
59. Zhang H, Zheng Y, Pan Y, Lin C, Wang S, Yan Z, Lu L, Ge G, Li J, Zeng Y & Chen J. A mutation that blocks integrin $\alpha 4\beta 7$ activation prevents adaptive immunemediated colitis without increasing susceptibility to innate colitis. *BMC Biol* 18(1) (2020), 64. doi: 10.1186/s12915-020-00784-6. Jun 10, 2020.
60. Zhang K, Yu F, Zhu J, Han S, Chen J, Wu X, Chen Y, Shen T, Liao J, Guo W,

- Yang X, Wang R, Qian Y, Yang J, Cheng L, Zhao Y, Hui CC, Li J, Peng G, He S, Jing N & Tang K. Imbalance of Excitatory/Inhibitory Neuron Differentiation in Neurodevelopmental Disorders with an NR2F1 Point Mutation. ***Cell Reports*** 31(3)(2020), 107512. doi: 10.1016/j. April 21, 2020.
61. Lian Q[#], Yan S[#], Yin Q[#], Yan C[#], Zheng W, Gu W, Zhao X, Fan W, Li X, Ma L, Ling Z, Zhang Y, Liu J*, Li J* & Sun B*. TRIM 34 attenuates colon inflammation and tumorigenesis by sustaining barrier integrity. ***Cell Mol Immunol*** 18(2021), 350-362. Feb 24th, 2020.
 62. Li F[#], Yuan P[#], Rao M, [#] Jin C[#], Tang W, Rong Y, Hu Y, Zhang F, Wei T, Yin Q, Liang T, Wu L, Li J, Li D, Liu Y, Lou W, Zhao S and Liu M. piRNA-independent function of PIWIL1 as a co-activator for anaphase promoting complex/cyclosome to drive pancreatic cancer metastasis. ***Nat Cell Biol*** 22(2)(2020), 425-438.
 63. Wang X, Li ZT, Yan Y, Lin P, Tang W, Hasier D, Meduri R, Li Y, Hua MM, Qi HT, Lin DH, Shi HJ, Hui J, Li J, Li D, Yang JH, Lin J, Meister G, Fischer U, Liu MF. LARP7-mediated U6 snRNA modification ensures splicing fidelity and spermatogenesis in mice. ***Mol Cell*** 77(5)(2020), 999-1013. Jan 20th.
 64. Zhang XM[#], Wu K[#], Zheng Y[#], Zhao H[#], Gao J, Hou Z, Zhang M, Liao J, Zhang J, Gao Y, Li Y, Li L, Tang F*, Chen ZJ* & Li J*. In vitro expansion of human sperm through nuclear transfer. ***Cell Research*** 30(4)(2020), 356-359. Epub 2019 Dec 18.
 65. Yin Q[#], Wang H[#], Li N[#], Ding Y[#], Xie Z[#], Jin, L[#], Li Y, Wang Q, Liu X, Xu L, Li Q, Ma Y, Cheng Y, Wang K, Zhong C, Yu Q, Tang W, Chen W, Yang W, Zhang F, Ding C, Bao L, Zhou B, Hu P* & Li J*. Dosage effect of multiple genes accounts for multisystem disorder of myotonic dystrophy type 1. ***Cell Research*** 30(2)(2020), 133-145. doi:10.1038/s41422-019-0264-2. Cover story
 66. Li Q[#], Li Y[#], Yin Q[#], Huang S[#], Wang K[#], Zhuo L, Li W, Chang B & Li J. Temporal regulation of prenatal embryonic development by paternal imprinted loci. ***Sci China Life Sci*** 63(1)(2020), 1-17. 2019 Sep 17. Cover story
 67. Yu W, Ma X, Xu J, Heumuller AW, Fei Z, Feng X, Wang X, Liu K, Cui G, Peng G, Ji H, Li J, Jing N, Song H, Lin Z, Zhao Y, Wang Z, Zhou B & Zhang L. VGLL4 plays a critical role in heart valve development and homeostasis. ***PLoS Genet*** 15(2)(2019), e1007977.
 68. Dai P, Wang X, Gou LT, Li ZT, Wen Z, Chen ZG, Hua MM, Zhong A, Wang L, Su H, Wan H, Qian K, Liao L, Li J, Tian B, Li J, Fu XD, Shi HJ, Zhou Y & Liu MF. A translation-activating function of MIWI/piRNA during mouse spermiogenesis. ***Cell*** 179(7)(2019), 1566-1581.
 69. Liu C[#], He X[#], Liu W[#], Yang S[#], Wang L[#], Li W, Wu H, Tang S, Ni X, Wang J, Gao Y, Tian S, Zhang L, Cong J, Zhang Z, Tan Q, Zhang J, Li H, Zhong Y, Lv M, Li J, Jin L, Cao Y* & Zhang F*. Bi-allelic mutations in *TTC29* cause male subfertility

- with asthenoteratospermia in humans and mice. *Am J Hum Genet* 105(6)(2019), 1168-1181.
70. Wang L[#], Zhang Y[#], Fu X[#], Dong S[#], Tang S, Zhang N, Song C, Yang N, Zhang L, Wang H, Shi H, Jin L, Zhang F*, **Li J*** & Hua K*. Joint utilization of genetic analysis and semi-cloning technology reveals a digenic etiology of Müllerian anomalies. *Cell Res* 30(1)(2020), 91-94.
 71. Yang X, Hu B, Liao J, Qiao Y, Chen Y, Qian Y, Feng S, Yu F, Dong J, Hou Y, Xu H, Wang R, Peng G, **Li J***, Tang F* & Jing N*. Distinct enhancer signatures in the mouse gastrula delineate progressive cell fate continuum during embryo development. *Cell Res* 29(4)(2019), 911-926.
 72. Yan M & **Li J**. The evolving CRISPR technology. *Protein Cell* 10(11)(2019), 783-786.
 73. Liu H, Huang T, Li M, Li M, Zhang C, Jiang J, Yu K, Yin Y, Zhang F, Lu G, Luo MC, Zhang LR, **Li J**, Liu K & Chen ZJ. SCRE serves as a unique synaptonemal complex fastener and is essential for progression of meiosis prophase I in mice. *Nuclei Acids Res* 47(11)(2019), 5670-5683.
 74. Wang X[#], Kang JY[#], Wei L[#], Yang X[#], Sun H, Yang S, Liu L, Yan M, Bai M, Chen Y, Long J, Li N, Li D, Huang J, Lei M, Shao Z, Yuan W*, Zuo E*, Lu K*, Liu MF* & **Li J***. PHF7 is a novel histone H2A E3 ligase prior to histone-to-protamine exchange during spermiogenesis. *Development* 146(13)(2019), dev175547.
 75. Bai M[#], Han Y[#], Wu Y, Liao J, Li L, Wang L, Li Q, Xing w, Chen L, Zou W* & **Li J***. Targeted genetic screening in mice through haploid embryonic stem cells identifies critical genes in bone development. *PLOS Biology* 17(7)(2019), e3000350.
 76. Wang L & **Li J***. Expansion of mutant monkey through cloning. *Science China Life Science* 62(6)(2019), 865-867. (Highlight)
 77. Li Y & **Li J***. Technical advances contribute to the study of genome imprinting. *PLOS Genet* 15(6)(2019), e1008151. (Invited review)
 78. Wang L & **Li J***. ‘Artificial spermatid’-mediated genome editing. *Biol Reprod* 101(3)(2019), 538-548. (Invited review)
 79. Wang J[#], Chen J[#], Wu G[#], Zhang H[#], Du X[#], Chen S, Zhang L, Wang K, Fan J, Gao S, Wu X, Zhang S, Kuai B, Zhao P, Chi B, Wang L, Li G, Wong CCL, Zhou Y*, **Li J***, Yun C* & Cheng H*. NRDE2 negatively regulates exosome functions by inhibiting MTR4 recruitment and exosome interaction. *Genes & Dev* 33(9-10)(2019), 536-549.
 80. Song W, Wang R, Jiang W, Yin Q, Peng G, Yang R, Yu QC, Chen J, **Li J**, Cheung TH, Jing N & Zeng Y. Hormones induce the formation of luminal-derived basal

- cells in the mammary gland. *Cell Res* 29(4)(2019), 206-220.
81. Li J* & Gao C*. Preface to the special topic on genome editing research in China. *Nat Sci Rev* 6(3)(2019), 389-390.
 82. Jiang J, Yan M, Li D & Li J*. Genome tagging project: tag every protein in mouse through “artificial spermatids”. *Nat Sci Rev* 6(3)(2019), 394-396.
 83. Lander E, Baylis F, Zhang F, Charpentier E, Berg P, Bourgain C, Friedrich B, Joung JK, Li J, Liu D, Naldini L, Nie JB, Qiu R, Schoene-Seifert B, Shao F, Terry S, Wei W & Winnacker EL. Adopt a moratorium on heritable genome editing. *Nature* 567(7747)(2019), 165-168.
 84. Chen J#, Cai Z#, Bai M#, Yu X#, Zhang C#, Cao C, Hu X, Wang L, Su R, Wang D, Wang L, Yao Y, Ye R, Hou B, Yu Y, Yu S, Li J* & Xue Y*. The RNA-binding protein ROD1/PTBP3 cotranscriptionally defines AID-loading sites to mediate antibody class switch in mammalian genomes. *Cell Res* 28 (2018), 981-995.
 85. Wang H, Li J, Li W, Gao C & Wei W. CRISPR twins: China Academy responds. *Nature* 564(7736)(2018), 345.
 86. Li Q, Li Y, Yang S, Huang S, Yan M, Ding Y, Tang W, Lou X, Yin Q, Sun Z, Lu L, Shi H, Wang H, Chen Y* & Li J*. CRISPR-Cas9-mediated base-editing screening in mice identifies DND1 amino acids that are critical for primordial germ cell development. *Nat Cell Biol* 20(11)(2018), 1315-1325. Epub 2018 Oct 01.
 87. Chen Y, Zheng Y, Gao Y, Lin Z, Yang S, Wang T, Wang Q, Xie N, Hua R, Liu M, Sha J, Griswold MD, Li J*, Tang F* & Tong M*. Single-cell RNA-seq uncovers dynamic processes and critical regulators in mouse spermatogenesis. *Cell Res* 28(9)(2018), 879-896. Epub 2018 Jul 30.
 88. Qu C, Yan M, Yang S, Wang L, Yin Q, Liu Y, Chen Y & Li J*. Haploid embryonic stem cells can be enriched and maintained by simple filtration. *J Biol Chem* 293 (14) (2018), 5230-5235.
 89. Zhou Y, Wu F, Zhang M, Xiong Z, Yin Q, Ru Y, Shi H, Li Jinsong, Mao S, Li Y, Cao X, Hu R, Liew CW, Ding Q, Wang X & Zhang Y. ECM10 governs male fertility via maintaining sperm ion balance. *J Mol Cell Biol* 10(6) (2018), 503-514.
 90. Li Z, Huang M, Wang X, Zhu Y, Li J, Wong CCL & Fang Q. Nanoliter-scale oil-air-droplet chip-based single cell proteomic analysis. *Anal Chem* 90(8)(2018), 5430-5438. Epub 2018 Mar 27.
 91. Liu W, Li S, Zhang Y, Li J & Li Y. Efficient CRISPR-based genome editing using tandem guide RNAs and editable surrogate reporters. *FEBS Open Bio* 8(7)(2018), 1167-1175.
 92. Wang X & Li J*. An intermediate cell state allows rerouting of cell fate. *J Biol Chem* 292(46)(2017), 19133-19134. (Highlight).

93. Wei L, Wang X, Yang S, Yuan W* & **Li J***. Efficient generation of the mouse model with a defined point mutation through haploid cell-mediated gene-editing. *J Genet Genomics* 44(9)(2017), 461-463. Aug 12.
94. Zheng Y, Jongejan A, Mulder CL, Mastenbroek S, Repping S, Wang Y, **Li J** & Hamer G. Trivial role for NSMCE2 during in vitro proliferation and differentiation of male germline stem cells. *Reproduction* 154(3)(2017), 81-95.
95. Li H, Guo A, Xie Z, Tu W, Yu J, Wang H, Zhao J, Zhong C, Kang J, **Li J**, Huang S & Shen L. Stabilization of mouse haploid embryonic stem cells with combined kinase and signal modulation. *Sci Rep* 7(1)(2017), 13222.
96. Feng S, Xing C, Shen T, Qiao Y, Wang R, Chen J, Liao J, Lu Z, Yang X, Abd-Allah SM, **Li J**, Jing N & Tang K. Abnormal paraventricular nucleus of hypothalamus and growth retardation associated with loss of nuclear receptor gene COUP-TFII. *Sci Rep* 7(1)(2017), 5282.
97. Wang Y, Ding Y & **Li J***. CRISPR-Cas9-mediated gene editing in mouse spermatogonial stem cells. *Methods Mol Biol* 1622(2017), 293-305.
98. Zuo E[#], Cai Y-J[#], Li K[#], Wei Y[#], Wang B-A[#], Sun Y, Liu Z, Liu J, Hu X, Wei W, Huo X, Shi L, Tang C, Liang D, Wang Y, Nie Y-H, Zhang C-C, Yao X, Wang X, Zhou C, Ying W, Wang Q, Chen R-C, Shen Q, Xu G-L, **Li J**, Sun Q*, Xiong Z-Q* & Yang H*. One-step generation of complete gene knockout mice and monkeys by CRISPR/Cas9-mediated gene editing with multiple sgRNAs. *Cell Res* 27(7)(2017), 933-945. Epub 2017 June 6.
99. Gou L, Kang J, Dai P, Wang X, Li F, Zhao S, Zhang M, Hua M, Lu Y, Zhu Y, Li Z, Chen H, Wu L, Li D, Fu X, **Li J**, Shi H* & Liu M*. Ubiquitination-deficient mutations in human Piwi cause male infertility by impairing histone-to-protamine exchange during spermiogenesis. *Cell* 169(6)(2017), 1090-1104. Epub 2017 May 25.
100. Wu K[#], Zhong C[#], Chen T[#], Zhang X, Tao W, Zhang J, Li H, Zhao H*, **Li J*** & Chen ZJ*. Polar bodies are efficient donors for reconstruction of human embryos for potential mitochondrial replacement therapy. *Cell Res* 27(8)(2017), 1069-1072. Epub 2017 May 12.
101. Wang L[#], Li MY[#], Qu C, Miao WY, Yin Q, Liao J, Cao HT, Huang M, Wang K, Zuo E, Peng G, Zhang SX, Chen G, Li Q, Tang K, Yu Q, Li Z, Wong C, Xu G, Jing N, Yu X* & **Li J***. CRISPR-Cas9-mediated genome-editing in one blastomere of two-cell embryos reveals a novel Tet3 function in regulating neocortical development. *Cell Res* 27(6)(2017), 815-829. Epub 2017 April 21.
102. Xu H, Yue C, Zhang T, Li Y, Guo A, Liao J, Pei G, **Li J*** & Jing N*. Derivation of haploid neurons from mouse androgenetic haploid embryonic stem cells. *Neurosci Bull* 33(3)(2017), 361-364. Epub Mar 3.

103. Wu K, Chen T, Huang S, Zhong C, Yan J, Zhang X, **Li J**, Gao Y & Chen ZJ. Mitochondrial replacement by pre-pronuclear transfer in human embryos. **Cell Res** 27(6)(2017), 834-837. Epub 2017 April 4.
104. Zhong C & **Li J***. Efficient generation of gene-modified mice by haploid embryonic stem cell-mediated semi-cloned technology. **Methods Mol Biol** 1498 (2017), 121-133.
105. Wang X, Qiao Y, Xiao MM, Wang L, Chen J, Lv W, Xu L, Li Y, Wang Y, Tan MD, Huang C, **Li J**, Zhao TC, Hou Z, Jing N & Chin YE. Opposing Roles of Acetylation and Phosphorylation in LIFR-Dependent Self-Renewal Growth Signaling in Mouse Embryonic Stem Cells. **Cell Rep** 18(4)(2017), 933-946.
106. Yang J, Guo R, Wang H, Ye X, Zhou Z, Dan J, Wang H, Gong P, Deng W, Yin Y, Mao S, Wang L, Ding J, **Li J**, Keefe DL, Dawlaty MM, Wang J, Xu G & Liu L. Tet enzymes regulate telomere maintenance and chromosomal stability of mouse ESCs. **Cell Rep** 15(8)(2016), 1-13. May 24, 2016.
107. Jin L & **Li J**. Generation of genetically modified mice using CRISPR/Cas9 and haploid embryonic stem cell systems. **Zoological Research** 37(4)(2016), 205-213.
108. Burgess S, Cheng L, Gu F, Huang L, Huang Z, Lin S, **Li J**, Li W, Qin W, Sun Y, Songyang Z, Wei W, Wu Q, Wang H, Wang X, Xiong JW, Xi J, Yang H, Zhou B & Zhang B. Questions about NgAgo. **Protein Cell** 7(12)(2016), 913-915.
109. Zhong C[#], Zhang M[#], Yin Q, Zhao H, Wang Y, Huang S, Tao W, Wu K*, Chen Z-J* & **Li J***. Generation of human haploid embryonic stem cells from parthenogenetic embryos obtained by microsurgical removal of male pronucleus. **Cell Res** 26(6)(2016), 743-746. Epub 2016 May 17.
110. Bai M, Liang D, Wang Y, Li Q, Wu Y & **Li J***. Spermatogenic cell-specific gene mutation in mice via CRISPR-Cas9. **J Genet Genomics** 43(5)(2016), 289-296. Epub 2016 Feb 26.
111. Bai M, Wu Y & **Li J***. Generation and application of mammalian haploid embryonic stem cells. **J Intern Med** 280(3)(2016), 236-245. (Invited Review)
112. Zhong C[#], Xie Z[#], Yin Q[#], Dong R, Yang S, Wu Y & **Li J***. Parthenogenetic haploid embryonic stem cells efficiently support mouse generation by oocyte injection. **Cell Res** 26(1)(2016), 131-134. Epub 2015 Nov 17.
113. Zhong C[#], Yin Q[#], Xie Z[#], Bai M[#], Dong R[#], Tang W, Xing Y, Zhang H, Yang S, Chen L-L, Bartolomei MS, Ferguson-Smith A, Li D, Yang L*, Wu Y* & **Li J***. CRISPR-Cas9-mediated genetic screening in mice with haploid embryonic stem cells carrying a guide RNA library. **Cell Stem Cell** 17(2)(2015), 221-232.
114. Bosley Katrine S, Botchan M, Bredenoord AL, Carroll D, Charo RA, Charpentier E, Cohen R, Corn J, Doudna J, Feng G, Greely HT, Isasi R, Ji W, Kim

- J, Knoppers B, Lanphier E, **Li J**, Lovell-Badge R, Martin GS, Moreno J, Naldini L, Pera M, Perry A, Venter JC, Zhang F & Zhou Q. CRISPR germline engineering-the community speaks. *Nat Biotechnol* 33(5)(2015), 478-486. (Feature).
115. Tong M* & **Li J***. Similarity of epigenetic reprogramming in primordial germ cells between human and mouse. *Natl Sci Rev* 2(4)(2015), 384. (Invited Research Highlights)
 116. Liu P, Dou X, Liu C, Wang L, Xing C, Peng G, Chen J, Yu F, Qiao Y, Song L, Wu Y, Yue C, **Li J**, Han J, Tang K & Jing N. Histone deacetylation promotes mouse neural induction by restricting Nodal-dependent mesendoderm fate. *Nat Commun* 6(2015), 6830.
 117. Qin Y, Qin J, Zhou C, **Li J** & Gao W. Generation of embryonic stem cells from mouse adipose-tissue derived cells via somatic cell nuclear transfer. *Cell Cycle* 14(8)(2015), 1282-1290.
 118. Zhu W, Yao X, Liang Y, Liang D, Song L, Jing N, **Li J** & Wang G*. Mediator Med23 deficiency enhances neural differentiation of murine embryonic stem cells through modulating BMP signaling. *Development* 142(3)(2015), 465-476. Epub Jan 6. pii: dev.112946.
 119. Wu Y[#], Zhou H[#], Fan X[#], Zhang Y[#], Zhang M[#], Wang Y, Xie Z, Bai M, Yin Q, Liang D, Tang W, Liao J, Zhou C, Liu W, Zhu P, Guo H, Pan H, Wu C, Shi H, Wu L*, Tang F* & **Li J***. Correction of a genetic disease by CRISPR-Cas9-mediated gene editing in mouse spermatogonial stem cells. *Cell Res* 25(1)(2015), 67-79. Epub 2014 Dec 5.
 120. **Li J***. Stem cell, basis and application. *Sci Bull* 60(20)(2015), 1711-1712. (组织专刊并撰写序言).
 121. 李劲松. 基因编辑技术—后基因组时代生命科学研究的助力器. *生命科学 (基因编辑专刊)* 27(1)(2015), 1. (组织专刊并撰写序言)
 122. Lian X, Xu J, **Li J** & Chien K. Next-generation models of human cardiogenesis via genome editing. *Cold Spring Harb Perspect Med* 4(12)(2014), a013920. doi: 10.1101/cshperspect.a013920.
 123. Guo F[#], Li X[#], Liang D[#], Li T[#], Zhu P, Guo H, Wu X, Wen L, Gu T, Hu B, Walsh CP, **Li J***, Tang F* & Xu G*. Active and passive demethylation of male and female pronuclear DNA in the mammalian zygote. *Cell Stem Cell* 15(4)(2014), 447-458. [Epub ahead of print].
 124. Zhang M, Zhou H, Zheng C, Xiao J, Zuo E, Liu W, Xie D, Shi Y, Wu C, Wang H, Li D & **Li J***. The roles of testicular c-kit positive cells in de novo morphogenesis of testis. *Sci Rep* 4(2014), 5936. doi: 10.1038/srep05936.
 125. Zhu Q, Song L, Peng G, Sun N, Chen J, Zhang T, Sheng N, Tang W, Qian C, Qiao Y, Tang K, Han JD, **Li J** & Jing N. The transcription factor Pou3f1 promotes

- neural fate commitment via activation of neural lineage genes and inhibition of external signaling pathways. ***Elife*** 14(2014), e02224. doi: 10.7554/eLife.02224. [Epub ahead of print].
126. 周海, 伍春莲*, 李劲松*. 不同年龄小鼠精原干细胞系的建立. ***中国细胞生物学学报*** 36(6)(2014), 752-757.
 127. Zhao B, Yang D, Jiang J, **Li J**, Fan S, Huang M, Fan Y, Jin Y & Jin Y. Genome-wide mapping of miRNAs expressed in embryonic stem cells and pluripotent stem cells generated by different reprogramming strategies. ***BMC Genomic*** 15(2014), 488. doi: 10.1186/1471-2164-15-488.
 128. Yu Y, Liang D, Tian Q, Chen X, Jiang B, Chou BK, Hu P Cheng L, Gao P, **Li J** & Wang G. Stimulation of somatic cell reprogramming by Eras-Akt-Foxo1 signaling axis. ***Stem Cells*** 32(2)(2014), 349-363. doi: 10.1002/stem.1447. [Epub ahead of print].
 129. Qin Y, Zhou P, Zhou C, **Li J** & Gao W. The adipose-derived lineage-negative cells are enriched mesenchymal stem cells and promote limb ischemia recovery in mice. ***Stem Cells Dev*** 23(4)(2014), 363-371.
 130. Wu Y[#], Liang D[#], Wang Y, Bai M, Tang W, Bao S, Yan Z, Li D & **Li J***. Correction of a genetic disease in mouse via use of CRISPR-Cas9. ***Cell Stem Cell*** 13(6)(2013), 659-662.
 131. Yang H[#], Liu Z[#], Ma Y[#], Zhong C, Yin Q, Zhou C, Shi L, Cai Y, Zhao H, Wang H, Tang F, Wang Y, Zhang C, Liu X, Lai D, Jin Y*, Sun Q* & **Li J***. Generation of haploid embryonic stem cells from Macaca fascicularis monkey parthenotes. ***Cell Res*** 23(10)(2013), 1187-1200.
 132. Qin Y[#], Lin J[#], Zhou C[#], Yin Q, Xie Z, Zhang X, Liu X, Gao W & **Li J***. Mice cloned from white adipose tissue-derived cells. ***J Mol Cell Biol*** 5(5)(2013), 348-350.
 133. Jiang J[#], Lv W[#], Ye X, Wang L, Zhang M, Yang H, Okuka M, Zhou C, Zhang X, Liu L* & **Li J***. Zscan4 promotes genomic stability during reprogramming and dramatically improves the quality of iPS cells as demonstrated by tetraploid complementation. ***Cell Res*** 23(1)(2013), 92-106.
 134. Zhao S[#], Gou LT[#], Zhang M[#], Zu LD, Hua MM, Hua Y, Shi HJ, Li Y, **Li J**, Li DS, Wang ED* & Liu M. piRNA-triggered MIWI ubiquitination and removal by APC/C in late spermatogenesis. ***Dev Cell*** 24(1)(2013), 13-25.
 135. Shi L, Yang H & **Li J***. Haploid embryonic stem cells: an ideal tool for mammalian genetic analyses. ***Protein & Cell*** 3(11)(2012), 806-810. (Invited review)
 136. Yang H[#], Shi L[#], Wang B[#], Liang D, Zhong C, Liu W, Nie Y, Liu J, Zhao J, Gao X, Li D, Xu G-L* & **Li J***. Generation of genetically modified mice by

- oocyte injection of androgenetic haploid embryonic stem cells. *Cell* 149(3)(2012), 605-617.
137. Ma Y, Gu J, Li C, Wei X, Tang F, Shi G, Jiang J, Kuang Y, **Li J**, Wang Z, Xie X & Jin Y. Human foreskin fibroblast produces interleukin-6 to support derivation and self-renewal of mouse embryonic stem cells. *Stem Cell Res Ther* 3(4)(2012), 29.
 138. Gu T[#], Guo F[#], Yang H[#], Wu HP, Xu GF, Liu W, Xie ZG, Shi L, He X, Jin SG, Iqbal K, Shi YG, Deng Z, Szabo PE, Pfeifer GP, **Li J*** & Xu GL*. The role of Tet3 DNA dioxygenase in epigenetic reprogramming by oocytes. *Nature* 477(7366)(2011), 606-610.
 139. Jiang J[#], Ding G[#], Lin J[#], Zhang M, Shi L, Lv W, Yang H, Xiao H, Pei G, Li Y, Wu J* & **Li J***. Different developmental potential of pluripotent stem cells generated by different reprogramming strategies. *J Mol Cell Biol* 3(3)(2011), 197-199.
 140. Lin J, Shi L, Zhang M, Yang H, Qin Y, Zhang J, Gong D, Zhang X, Li D & **Li J***. Defects in trophoblast cell lineage account for the impaired in vivo development of cloned embryos generated by somatic nuclear transfer. *Cell Stem Cell* 8(4)(2011), 371-375.
 141. Yang H[#], Shi L[#], Chen D & **Li J***. Mice generated after round spermatid injection into haploid two-cell blastomeres. *Cell Res* 21(5)(2011), 854-858.
 142. Li X, Zhu L, Yang A, Lin J, Tang F, Jin S, Wei Z, **Li J** & Jin Y. Calcineurin-NFAT signaling critically regulates early lineage specification in mouse embryonic stem cells and embryos. *Cell Stem Cell* 8(1)(2011), 46-58.
 143. Wang Y, Chen J, Hu J, Wei X, Qin D, Gao J, Zhang L, Jiang J, **Li J**, Liu J, Lai K, Kuang X, Zhang J, Pei D & Xu G. Reprogramming of mouse and human somatic cells by high-performance engineered factors. *EMBO Rep* 12(4)(2011), 373-378.
 144. Yang H, Shi L, Zhang S, Lin J, Jiang J & **Li J***. High-efficiency somatic reprogramming induced by intact MII oocytes. *Cell Res* 20(9)(2010), 1034-1042.
 145. Li L, Sun L, Gao F, Jiang J, Li C, Gu J, Wei Z, Yang A, Lu R, Ma Y, Tang F, Kwon SW, Zhao Y, **Li J** & Jin Y. Stk40 links the pluripotency factor Oct4 to the Erk/MAPK pathway and controls extraembryonic endoderm differentiation. *Proc Natl Acad Sci USA* 107(4)(2010), 1402-1407.
 146. Chen T, Yuan D, Wei B, Jiang J, Kang J, Ling K, Gu Y, **Li J**, Xiao L & Pei G. E-cadherin-mediated cell-cell contact is critical for induced pluripotent stem cell generation. *Stem Cells* 28(8)(2010), 1315-1325.
 147. Zhu Z, Wang Y, Li X, Wang Y, Xu L, Wang X, Sun T, Dong X, Chen L, Mao H, Yu Y, **Li J**, Chen PA & Chen CD. PHF8 is a histone H3K9me2 demethylase regulating rRNA synthesis. *Cell Res* 20(7)(2010), 794-801.
 148. Li C, Yu H, Ma Y, Shi G, Jiang J, Gu J, Yang Y, Jin S, Wei Z, Jiang H, **Li J** & Jin Y. Germline-competent mouse-induced pluripotent stem cell lines generated on human fibroblasts without exogenous leukemia inhibitory factor. *PLoS One* 4(8)(2009), e6724.

149. Huang J, Chen T, Liu X, Jiang J, **Li J**, Li D, Liu X, Li W, Kang J & Pei G. More synergetic cooperation of Yamanaka factors in induced pluripotent stem cells than in embryonic stem cells. **Cell Res** 19(10)(2009), 1127-1138.
150. **Li J** & Mombaerts P. Nuclear transfer-mediated rescue of the nuclear genome of nonviable mouse cells frozen without cryoprotectant. **Biol Reprod** 79(4)(2008), 588-593.
151. **Li J**[#], Guasch G[#], Greco V[#], Fuchs E* & Mombaerts P*. Cloned mice from Skin Stem Cells. **Proc Natl Acad Sci USA** 104(8)(2007), 2738-2743.
152. **Li J**, Ishii T, Wen D & Mombaerts P. Non-equivalence of cloned and clonal mice. **Curr Biol** 15(18)(2005), R756-R757.
153. **Li J**, Ishii T, Feinstein P & Mombaerts P. Odorant receptor gene choice is reset by nuclear transfer from mouse olfactory sensory neurons. **Nature** 428(6981)(2004), 393-398.
154. Han Z, Chen D, **Li J**, Sun Q, Wan Q, Kou Z, Rao G, Lei L, Liu Z & Fang S. Mitochondrial DNA heteroplasmy in calves cloned by using adult somatic cell. **Mol Reprod Dev** 67(2)(2004), 207-214.
155. Chen D[#], **Li J**[#], Han Z, Lei L, Liu Z, Kou Z, Ma S, Du Q & Sun Q. Somatic cell bovine cloning: efficiency of donor cells from female and male using different recipient cows. **Chin Sci Bull** 48(6)(2003), 549-554.
156. Zhu Z, Chen D, **Li J**, Lian L, Lei L, Han Z & Sun Q. Rotation of meiotic spindle is controlled by microfilaments in mouse oocytes. **Biol Reprod** 68(3)(2003): 943-946.
157. Han Z, Chen D, **Li J**, Sun Q, Wang P, Du J & Zhang H. Flow cytometric cell-cycle analysis of cultured fibroblasts from the giant panda, *Ailuropoda melanoleuca* L. **Cell Biol Int** 27(4)(2003), 349-353.
158. Wen D, Yang C, Cheng Y, **Li J**, Liu Z, Sun Q, Zhang J, Lei L, Wu Y, Kou Z & Chen D. Comparison of developmental capacity for intra- and interspecies cloned cat (*Felis catus*) embryos. **Mol Reprod Dev** 66(1)(2003), 38-45.
159. Chen Y, He Z, Liu A, Wang K, Mao W, Chu J, Lu Y, Fang Z, Shi Y, Yang Q, Chen D, Wang M, **Li J**, Huang S, Kong X, Shi Y, Wang Z, Xia J, Long Z, Xue Z, Ding W & Sheng H. Embryonic stem cells generated by nuclear transfer of human somatic nuclei into rabbit oocytes. **Cell Res** 13(4)(2003), 251-263.
160. **Li J**, Chen D, Han Z, Zhu Z, Wen D, Liu Z, Wang M, Lian L, Du J, Wang P & Zhang H. Serial nuclear transfer improves the development of interspecies reconstructed giant panda embryos. **Chin Sci Bull** 47(6)(2002), 467-469.
161. Chen D, Wen D, Zhang Y, Sun Q, Han Z, Liu Z, Shi P, **Li J**, Xianyu J, Lian L, Kou Z, Wu Y, Chen Y, Wang P & Zhang H. Interspecies implantation and mitochondria fate of panda-rabbit cloned embryos. **Biol Reprod** 67(2)(2002), 637-642.
162. **Li J** & Chen D. Cell cycle interactions between donor nucleus and recipient cytoplasm in mammalian nuclear transfer. **Progress in Biochemistry and Biophysics** 29(2) (2002), 206-210. (中文综述)
163. Han Z, Chen D, **Li J**, Sun Q, Wang P, Huang Y & Du J. The culture of fibroblasts from diaphragm of Giant Panda. **In Vitro Cell Dev Biol Anim** 37(10)(2001), 644-

- 645.
164. Li G, Chen D, Lian L, Sun Q, Wang M, Liu J, **Li J** & Han Z. Viable rabbits derived from reconstructed oocytes by germinal vesicle transfer after intracytoplasmic sperm injection (ICSI). ***Mol Reprod Dev*** 58(2)(2001), 180-185.
 165. Ding B, Shi P, Xianyu J, Zhang Y, Chen D, Sun Q, Li G, Wang M, Liu J, Han Z, Song X, **Li J** & Chen Y. Microsatellite DNA analysis prove nucleus of interspecies reconstructed blastocyst coming from that of donor giant panda. ***Chin Sci Bull*** 45(20)(2000), 1883-1885.
 166. **Li J**, Zhuang D, Sun Q & Chen D. New advances in animal transgenic technology. ***Progress in Biochemistry and Biophysics*** 27(2) (2000), 124-126. (中文综述)
 167. Liu J, Wang M, Lian L, **Li J**, Gao S, Han Z, Sun Q, Song X, Zhang D, Li Y, Xu Z & Chen D. Nuclear transfer using nonquiescent adult fibroblasts from a bovine ear. ***Chin Sci Bull*** 44(21)(1999), 1971-1974.
 168. Chen D, Sun Q, Liu J, Li G, Lian L, Wang M, Han Z, Song X, **Li J**, Sun Q, Chen Y, Zhang Y & Ding B. The Giant Panda Somatic Nucleus can dedifferentiate in Rabbit Ooplasm and Support Early Development of the Reconstructed Egg. ***Sci China C Life Sci*** 42(4)(1999), 346-353.

其它论文：

- (1) 赖梭梅, 丁一夫, 李劲松. 复杂疾病小鼠模型构建新策略: 类精子单倍体干细介导的半克技术. ***实验动物与比较医学*** 41(5)(2021): 369-383.
- (2) 蒋婧*, 赵安麒, 谢甜, 陈淑慧, 李劲松. 全基因组蛋白质的标签细胞和小鼠资源库建设. ***遗传*** 43(7)(2021): 704-714.
- (3) 常柏然, 李劲松*. 基于“人造精子细胞”的基因组标签计划. ***中国科学 生命科学*** 50(5)(2020), 549-558.
- (4) 丁一夫, 李劲松*, 周琪*. 哺乳动物单倍体胚胎干细胞的建立与应用. ***中国科学 生命科学*** (新中国成立 70 周年生命科学研究进展专辑) 49(12)(2019), 1635-1651.
- (5) 李劲松*. 干细胞与重编程的基础与应用研究. ***细胞生物学报*** (创刊 40 周年专栏: 编者按) 41(6)(2019), 1002.
- (6) 张帆, 李劲松*. 小鼠和人类生殖干细胞形成、特化和维持. ***细胞生物学报*** (创刊 40 周年专栏: 干细胞与重编程的基础与应用研究) 41(6)(2019), 1012-1020.
- (7) 张麟, 李劲松*. “人造精子”介导基因编辑技术的建立与应用. ***生命的化学*** 39(1)(2019), 1-5.
- (8) 晏萌, 李劲松*. “人造精子”介导半克隆技术的建立与应用. ***自然杂志*** 40(4)(2018), 1-8.
- (9) 张晓宇, 唐蔚, 李劲松*. CRISPR/Cas9 系统应用于早期胚胎编辑和基因治疗. ***生命科学 (基因编辑技术 2.0 专刊)*** 30(9)(2018), 916-925. (封面)
- (10) 李庆, 徐求文, 李劲松*. 卵子介导细胞重编程的基础与应用研究. ***生命科学 (细胞编程与重编程的表观遗传机制专刊)*** 29(10)(2017), 983-991.
- (11) 李伟*, 李劲松*, 周琪*. 单倍体干细胞研究进展. ***生命科学 (干细胞与再生医学研究专刊)*** 28(8)(2016), 862-866.

- (12) 梁丹, 吴宇轩, 李劲松*. CRISPR-Cas9 技术在干细胞中的应用. 生命科学 (基因组编辑技术专刊) 27(1)(2015), 93-98.
- (13) 李劲松. 基因编辑技术—后基因组时代生命科学研究的助力器. 生命科学 (基因编辑专刊) 27(1)(2015), 1. (组织专刊并撰写序言) (封面)
- (14) 钟翠青*, 李劲松. “人造精子”与 CRISPR-Cas9. 生命科学 27(12)(2015), 1489-1493.
- (15) 钟翠青, 李劲松*. 代替精子使用的孤雄单倍体胚胎干细胞的建立. 中国细胞生物学学报 35(4)(2013), 397-400.
- (16) 周海, 伍春莲*, 李劲松*. 不同年龄小鼠精原干细胞系的建立. 中国细胞生物学学报 36(6)(2014), 752-757.
- (17) 吴宇轩, 李劲松*. 体细胞重编程: 回顾与进展——2012 年诺贝尔生理学或医学奖相关研究成果简介. 生命科学 24(12)(2012), 1366-1371.
- (18) 蒋婧, 李劲松*. 核移植与诱导多能干细胞技术做体细胞重编程研究中的应用. 生命科学 (干细胞研究专刊) 21(5)(2009), 608-613.
- (19) 张璇, 金由辛, 李劲松*. microRNAs 和体细胞重编程. 生命科学 (RNA 研究专刊) 22(7)(2010), 674-681.
- (20) 汪凌波, 蒋婧, 吕纹简, 张璇, 李劲松*. 细胞接种密度对小鼠 iPS 细胞诱导效率的影响. 江西农业大学学报 32(5)(2010), 868-875.
- (21) 林江维, 李劲松*. 核移植与供体细胞. 生命科学 21(3)(2009), 347-352.