

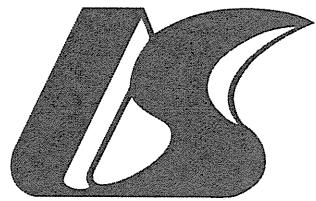
- of human cells with synthetic modified mRNA. *Cell Stem Cell* 2010; **7**: 618-630 [PMID: 20888316 DOI: 10.1016/j.stem.2010.08.012]
- 49** **Anokye-Danso F**, Trivedi CM, Juhr D, Gupta M, Cui Z, Tian Y, Zhang Y, Yang W, Gruber PJ, Epstein JA, Morrisey EE. Highly efficient miRNA-mediated reprogramming of mouse and human somatic cells to pluripotency. *Cell Stem Cell* 2011; **8**: 376-388 [PMID: 21474102 DOI: 10.1016/j.stem.2011.03.001]
- 50** **Zhou H**, Wu S, Joo JY, Zhu S, Han DW, Lin T, Trauger S, Bien G, Yao S, Zhu Y, Siuzdak G, Schöler HR, Duan L, Ding S. Generation of induced pluripotent stem cells using recombinant proteins. *Cell Stem Cell* 2009; **4**: 381-384 [PMID: 19398399 DOI: 10.1016/j.stem.2009.04.005]
- 51** **Kim D**, Kim CH, Moon JI, Chung YG, Chang MY, Han BS, Ko S, Yang E, Cha KY, Lanza R, Kim KS. Generation of human induced pluripotent stem cells by direct delivery of reprogramming proteins. *Cell Stem Cell* 2009; **4**: 472-476 [PMID: 19481515 DOI: 10.1016/j.stem.2009.05.005]
- 52** **Zhang R**, Zhang LH, Xie X. iPSCs and small molecules: a reciprocal effort towards better approaches for drug discovery. *Acta Pharmacol Sin* 2013; **34**: 765-776 [PMID: 23603980 DOI: 10.1038/aps.2013.21]
- 53** **Hou P**, Li Y, Zhang X, Liu C, Guan J, Li H, Zhao T, Ye J, Yang W, Liu K, Ge J, Xu J, Zhang Q, Zhao Y, Deng H. Pluripotent stem cells induced from mouse somatic cells by small-molecule compounds. *Science* 2013; **341**: 651-654 [PMID: 23868920 DOI: 10.1126/science.1239278]
- 54** **Aoi T**, Yae K, Nakagawa M, Ichisaka T, Okita K, Takahashi K, Chiba T, Yamanaka S. Generation of pluripotent stem cells from adult mouse liver and stomach cells. *Science* 2008; **321**: 699-702 [PMID: 18276851 DOI: 10.1126/science.1154884]
- 55** **Hanna J**, Markoulaki S, Schorderet P, Carey BW, Beard C, Wernig M, Creyghton MP, Steine EJ, Cassady JP, Foreman R, Lengner CJ, Dausman JA, Jaenisch R. Direct reprogramming of terminally differentiated mature B lymphocytes to pluripotency. *Cell* 2008; **133**: 250-264 [PMID: 18423197 DOI: 10.1016/j.cell.2008.03.028]
- 56** **Stadtfeld M**, Brendand K, Hochedlinger K. Reprogramming of pancreatic beta cells into induced pluripotent stem cells. *Curr Biol* 2008; **18**: 890-894 [PMID: 18501604 DOI: 10.1016/j.cub.2008.05.010]
- 57** **Aasen T**, Belmonte JC. Isolation and cultivation of human keratinocytes from skin or plucked hair for the generation of induced pluripotent stem cells. *Nat Protoc* 2010; **5**: 371-382 [PMID: 2034422 DOI: 10.1038/nprot.2009.241]
- 58** **Yan X**, Qin H, Qu C, Tuan RS, Shi S, Huang GT. iPS cells reprogrammed from human mesenchymal-like stem/progenitor cells of dental tissue origin. *Stem Cells Dev* 2010; **19**: 469-480 [PMID: 19795982 DOI: 10.1089/scd.2009.0314]
- 59** **Tamaoki N**, Takahashi K, Tanaka T, Ichisaka T, Aoki H, Takeda-Kawaguchi T, Iida K, Kunisada T, Shibata T, Yamanaka S, Tezuka K. Dental pulp cells for induced pluripotent stem cell banking. *J Dent Res* 2010; **89**: 773-778 [PMID: 20554890 DOI: 10.1177/0022034510366846]
- 60** **Oda Y**, Yoshimura Y, Ohnishi H, Tadokoro M, Katsume Y, Sasao M, Kubo Y, Hattori K, Saito S, Horimoto K, Yuba S, Ohgushi H. Induction of pluripotent stem cells from human third molar mesenchymal stromal cells. *J Biol Chem* 2010; **285**: 29270-29278 [PMID: 20595386 DOI: 10.1074/jbc.M109.055889]
- 61** **Egusa H**, Okita K, Kayashima H, Yu G, Fukuyasu S, Saeki M, Matsumoto T, Yamanaka S, Yatani H. Gingival fibroblasts as a promising source of induced pluripotent stem cells. *PLoS One* 2010; **5**: e12743 [PMID: 20856871 DOI: 10.1371/journal.pone.0012743]
- 62** **Miyoshi K**, Tsuji D, Kudoh K, Satomura K, Muto T, Itoh K, Noma T. Generation of human induced pluripotent stem cells from oral mucosa. *J Biosci Bioeng* 2010; **110**: 345-350 [PMID: 20547351 DOI: 10.1016/j.jbiosc.2010.03.004]
- 63** **Haase A**, Olmer R, Schwanke K, Wunderlich S, Merkert S, Hess C, Zweierdt R, Gruh I, Meyer J, Wagner S, Maier LS, Han DW, Glage S, Miller K, Fischer P, Schöler HR, Martin U. Generation of induced pluripotent stem cells from human cord blood. *Cell Stem Cell* 2009; **5**: 434-441 [PMID: 19796623 DOI: 10.1016/j.stem.2009.08.021]
- 64** **Giorgetti A**, Montserrat N, Aasen T, Gonzalez F, Rodríguez-Pizá I, Vassena R, Raya A, Boué S, Barrero MJ, Corbelli BA, Torrabedella M, Veiga A, Izpisua Belmonte JC. Generation of induced pluripotent stem cells from human cord blood using OCT4 and SOX2. *Cell Stem Cell* 2009; **5**: 353-357 [PMID: 19796614 DOI: 10.1016/j.stem.2009.09.008]
- 65** **Zhao Y**, Yin X, Qin H, Zhu F, Liu H, Yang W, Zhang Q, Xiang C, Hou P, Song Z, Liu Y, Yong J, Zhang P, Cai J, Liu M, Li H, Li Y, Qu X, Cui K, Zhang W, Xiang T, Wu Y, Zhao Y, Liu C, Yu C, Yuan K, Lou J, Ding M, Deng H. Two supporting factors greatly improve the efficiency of human iPSC generation. *Cell Stem Cell* 2008; **3**: 475-479 [PMID: 18983962 DOI: 10.1016/j.stem.2008.10.002]
- 66** **Utikal J**, Polo JM, Stadtfeld M, Maherali N, Kulalert W, Walsh RM, Khalil A, Rheinwald JG, Hochedlinger K. Immortalization eliminates a roadblock during cellular reprogramming into iPS cells. *Nature* 2009; **460**: 1145-1148 [PMID: 19668190 DOI: 10.1038/nature08285]
- 67** **Marión RM**, Strati K, Li H, Murga M, Blanco R, Ortega S, Fernandez-Capetillo O, Serrano M, Blasco MA. A p53-mediated DNA damage response limits reprogramming to ensure iPSC cell genomic integrity. *Nature* 2009; **460**: 1149-1153 [PMID: 19668189 DOI: 10.1038/nature08287]
- 68** **Li H**, Collado M, Villasante A, Strati K, Ortega S, Cañamero M, Blasco MA, Serrano M. The Ink4/Arf locus is a barrier for iPSC cell reprogramming. *Nature* 2009; **460**: 1136-1139 [PMID: 19668188 DOI: 10.1038/nature08290]
- 69** **Kawamura T**, Suzuki J, Wang YV, Menendez S, Morera LB, Raya A, Wahl GM, Izpisúa Belmonte JC. Linking the p53 tumour suppressor pathway to somatic cell reprogramming. *Nature* 2009; **460**: 1140-1144 [PMID: 19668186 DOI: 10.1038/nature08311]
- 70** **Hong H**, Takahashi K, Ichisaka T, Aoi T, Kanagawa O, Nakagawa M, Okita K, Yamanaka S. Suppression of induced pluripotent stem cell generation by the p53-p21 pathway. *Nature* 2009; **460**: 1132-1135 [PMID: 19668191 DOI: 10.1038/nature08235]
- 71** **Takenaka C**, Nishishita N, Takada N, Jakt LM, Kawamata S. Effective generation of iPSCs from CD34+ cord blood cells by inhibition of p53. *Exp Hematol* 2010; **38**: 154-162 [PMID: 19922768 DOI: 10.1016/j.exphem.2009.11.003]
- 72** **Gluckman E**, Rocha V. Cord blood transplantation: state of the art. *Haematologica* 2009; **94**: 451-454 [PMID: 19336748 DOI: 10.3324/haematol.2009.005694]
- 73** **Loh YH**, Agarwal S, Park IH, Urbach A, Huo H, Heffner GC, Kim K, Miller JD, Ng K, Daley GQ. Generation of induced pluripotent stem cells from human blood. *Blood* 2009; **113**: 5476-5479 [PMID: 19299331 DOI: 10.1182/blood-2009-02-204800]
- 74** **Brown ME**, Rondon E, Rajesh D, Mack A, Lewis R, Feng X, Zituri LJ, Learish RD, Nuwaysir EF. Derivation of induced pluripotent stem cells from human peripheral blood T lymphocytes. *PLoS One* 2010; **5**: e11373 [PMID: 20617191 DOI: 10.1371/journal.pone.0011373]
- 75** **Loh YH**, Hartung O, Li H, Guo C, Sahalie JM, Manos PD, Urbach A, Heffner GC, Grskovic M, Vigneault F, Lensch MW, Park IH, Agarwal S, Church GM, Collins JJ, Irion S, Daley GQ. Reprogramming of T cells from human peripheral blood. *Cell Stem Cell* 2010; **7**: 15-19 [PMID: 20621044 DOI: 10.1016/j.stem.2010.06.004]
- 76** **Staerl J**, Dawlaty MM, Gao Q, Maetzel D, Hanna J, Sommer CA, Mostoslavsky G, Jaenisch R. Reprogramming of human peripheral blood cells to induced pluripotent stem cells. *Cell Stem Cell* 2010; **7**: 20-24 [PMID: 20621045 DOI: 10.1016/j.stem.2010.06.002]
- 77** **Kunisato A**, Wakatsuki M, Shinba H, Ota T, Ishida I, Nagao

- K. Direct generation of induced pluripotent stem cells from human nonmobilized blood. *Stem Cells Dev* 2011; **20**: 159-168 [PMID: 20497033 DOI: 10.1089/scd.2010.0063]
- 78 Chou BK, Mali P, Huang X, Ye Z, Dowey SN, Resar LM, Zou C, Zhang YA, Tong J, Cheng L. Efficient human iPS cell derivation by a non-integrating plasmid from blood cells with unique epigenetic and gene expression signatures. *Cell Res* 2011; **21**: 518-529 [PMID: 21243013 DOI: 10.1038/cr.2011.12]
- 79 Dowey SN, Huang X, Chou BK, Ye Z, Cheng L. Generation of integration-free human induced pluripotent stem cells from postnatal blood mononuclear cells by plasmid vector expression. *Nat Protoc* 2012; **7**: 2013-2021 [PMID: 23080273 DOI: 10.1038/nprot.2012.121]
- 80 Merling RK, Sweeney CL, Choi U, De Ravin SS, Myers TG, Otaizo-Carrasquero F, Pan J, Linton G, Chen L, Koontz S, Theobald NL, Malech HL. Transgene-free iPSCs generated from small volume peripheral blood nonmobilized CD34+ cells. *Blood* 2013; **121**: e98-107 [PMID: 23386128 DOI: 10.1182/blood-2012-03-420273]
- 81 Sampsell-Barron T. Xeno-free adaptation and culture of human pluripotent stem cells. *Methods Mol Biol* 2013; **1001**: 81-97 [PMID: 23494422 DOI: 10.1007/978-1-62703-363-3_8]
- 82 Takahashi K, Narita M, Yokura M, Ichisaka T, Yamanaka S. Human induced pluripotent stem cells on autologous feeders. *PLoS One* 2009; **4**: e8067 [PMID: 19956543 DOI: 10.1371/journal.pone.0008067]
- 83 Totouchi M, Taei A, Seifnejad A, Tabebordbar M, Rassouli H, Farrokhi A, Gourabi H, Aghdam N, Hosseini-Salekdeh G, Baharvand H. Feeder- and serum-free establishment and expansion of human induced pluripotent stem cells. *Int J Dev Biol* 2010; **54**: 877-886 [PMID: 19876814 DOI: 10.1387/ijdb.092903mt]
- 84 Stover AE, Schwartz PH. Adaptation of human pluripotent stem cells to feeder-free conditions in chemically defined medium with enzymatic single-cell passaging. *Methods Mol Biol* 2011; **767**: 137-146 [PMID: 21822872 DOI: 10.1007/978-1-61779-201-4_10]
- 85 Xu C, Inokuma MS, Denham J, Golds K, Kundu P, Gold JD, Carpenter MK. Feeder-free growth of undifferentiated human embryonic stem cells. *Nat Biotechnol* 2001; **19**: 971-974 [PMID: 11581665 DOI: 10.1038/nbt001-971]
- 86 Kishino Y, Seki T, Fujita J, Yuasa S, Tohyama S, Kunitomi A, Tabei R, Nakajima K, Okada M, Hirano A, Kanazawa H, Fukuda K. Derivation of transgene-free human induced pluripotent stem cells from human peripheral T cells in defined culture conditions. *PLoS One* 2014; **9**: e97397 [PMID: 24824994 DOI: 10.1371/journal.pone.0097397]
- 87 Lai WH, Ho JC, Lee YK, Ng KM, Au KW, Chan YC, Lau CP, Tse HF, Siu CW. ROCK inhibition facilitates the generation of human-induced pluripotent stem cells in a defined, feeder-, and serum-free system. *Cell Reprogram* 2010; **12**: 641-653 [PMID: 20858051 DOI: 10.1089/cell.2010.0051]
- 88 Emonard H, Grimaud JA, Nusgens B, Lapierre CM, Foidart JM. Reconstituted basement-membrane matrix modulates fibroblast activities in vitro. *J Cell Physiol* 1987; **133**: 95-102 [PMID: 3667709 DOI: 10.1002/jcp.1041330112]
- 89 Bergström R, Ström S, Holm F, Feki A, Hovatta O. Xeno-free culture of human pluripotent stem cells. *Methods Mol Biol* 2011; **767**: 125-136 [PMID: 21822871 DOI: 10.1007/978-1-61779-201-4_9]
- 90 Ausubel LJ, Lopez PM, Couture LA. GMP scale-up and banking of pluripotent stem cells for cellular therapy applications. *Methods Mol Biol* 2011; **767**: 147-159 [PMID: 21822873 DOI: 10.1007/978-1-61779-201-4_11]
- 91 Chen G, Gulbranson DR, Hou Z, Bolin JM, Ruotti V, Probasco MD, Smuga-Otto K, Howden SE, Diol NR, Propson NE, Wagner R, Lee GO, Antosiewicz-Bourget J, Teng JM, Thomson JA. Chemically defined conditions for human iPSC derivation and culture. *Nat Methods* 2011; **8**: 424-429 [PMID: 21478862 DOI: 10.1038/nmeth.1593]
- 92 Miyazaki T, Futaki S, Suemori H, Taniguchi Y, Yamada M, Kawasaki M, Hayashi M, Kumagai H, Nakatsuji N, Sekiguchi K, Kawase E. Laminin E8 fragments support efficient adhesion and expansion of dissociated human pluripotent stem cells. *Nat Commun* 2012; **3**: 1236 [PMID: 23212365 DOI: 10.1038/ncomms2231]
- 93 Rodin S, Domogatskaya A, Ström S, Hansson EM, Chien KR, Inzunza J, Hovatta O, Tryggvason K. Long-term self-renewal of human pluripotent stem cells on human recombinant laminin-511. *Nat Biotechnol* 2010; **28**: 611-615 [PMID: 20512123 DOI: 10.1038/nbt.1620]
- 94 Mei Y, Saha K, Bogatyrev SR, Yang J, Hook AL, Kalcioglu ZI, Cho SW, Mitalipova M, Pyzocha N, Rojas F, Van Vliet KJ, Davies MC, Alexander MR, Langer R, Jaenisch R, Anderson DG. Combinatorial development of biomaterials for clonal growth of human pluripotent stem cells. *Nat Mater* 2010; **9**: 768-778 [PMID: 20729850 DOI: 10.1038/nmat2812]
- 95 Lu HF, Narayanan K, Lim SX, Gao S, Leong MF, Wan AC. A 3D microfibrous scaffold for long-term human pluripotent stem cell self-renewal under chemically defined conditions. *Biomaterials* 2012; **33**: 2419-2430 [PMID: 22196900 DOI: 10.1016/j.biomaterials.2011.11.077]
- 96 Draper JS, Moore HD, Ruban LN, Gokhale PJ, Andrews PW. Culture and characterization of human embryonic stem cells. *Stem Cells Dev* 2004; **13**: 325-336 [PMID: 15345125 DOI: 10.1089/scd.2004.13.325]
- 97 Ludwig TE, Levenstein ME, Jones JM, Berggren WT, Mitcham ER, Frane JL, Crandall LJ, Daigh CA, Conard KR, Piekarzyk MS, Llanas RA, Thomson JA. Derivation of human embryonic stem cells in defined conditions. *Nat Biotechnol* 2006; **24**: 185-187 [PMID: 16388305 DOI: 10.1038/nbt1177]
- 98 Meng G, Liu S, Rancourt DE. Synergistic effect of medium, matrix, and exogenous factors on the adhesion and growth of human pluripotent stem cells under defined, xeno-free conditions. *Stem Cells Dev* 2012; **21**: 2036-2048 [PMID: 22149941 DOI: 10.1089/scd.2011.0489]
- 99 Sugii S, Kida Y, Kawamura T, Suzuki J, Vassena R, Yin YQ, Lutz MK, Berggren WT, Izpisúa Belmonte JC, Evans RM. Human and mouse adipose-derived cells support feeder-independent induction of pluripotent stem cells. *Proc Natl Acad Sci USA* 2010; **107**: 3558-3563 [PMID: 20133714 DOI: 10.1073/pnas.0910172106]
- 100 Nakagawa M, Taniguchi Y, Senda S, Takizawa N, Ichisaka T, Asano K, Morizane A, Doi D, Takahashi J, Nishizawa M, Yoshida Y, Toyoda T, Osafune K, Sekiguchi K, Yamanaka S. A novel efficient feeder-free culture system for the derivation of human induced pluripotent stem cells. *Sci Rep* 2014; **4**: 3594 [PMID: 24399248 DOI: 10.1038/srep03594]
- 101 Newman AM, Cooper JB. Lab-specific gene expression signatures in pluripotent stem cells. *Cell Stem Cell* 2010; **7**: 258-262 [PMID: 20682451 DOI: 10.1016/j.stem.2010.06.016]
- 102 Miura K, Okada Y, Aoi T, Okada A, Takahashi K, Okita K, Nakagawa M, Koyanagi M, Tanabe K, Ohnuki M, Ogawa D, Ikeda E, Okano H, Yamanaka S. Variation in the safety of induced pluripotent stem cell lines. *Nat Biotechnol* 2009; **27**: 743-745 [PMID: 19590502 DOI: 10.1038/nbt.1554]
- 103 Kim K, Doi A, Wen B, Ng K, Zhao R, Cahan P, Kim J, Aryee MJ, Ji H, Ehrlich LI, Yabuuchi A, Takeuchi A, Cunniff KC, Hongguang H, McKinney-Freeman S, Naveiras O, Yoon TJ, Iriarriera RA, Jung N, Seita J, Hanna J, Murakami P, Jaenisch R, Weissleder R, Orkin SH, Weissman IL, Feinberg AP, Daley GQ. Epigenetic memory in induced pluripotent stem cells. *Nature* 2010; **467**: 285-290 [PMID: 20644535 DOI: 10.1038/nature09342]
- 104 Polo JM, Liu S, Figueiroa ME, Kulalert W, Eminli S, Tan KY, Apostolou E, Stadtfeld M, Li Y, Shioda T, Natesan S, Wagers AJ, Melnick A, Evans T, Hochedlinger K. Cell type of origin influences the molecular and functional properties of mouse induced pluripotent stem cells. *Nat Biotechnol* 2010; **28**: 848-855 [PMID: 20644536 DOI: 10.1038/nbt.1667]

- 105 **Ma H**, Morey R, O'Neil RC, He Y, Daughtry B, Schultz MD, Hariharan M, Nery JR, Castanon R, Sabatini K, Thiagarajan RD, Tachibana M, Kang E, Tippner-Hedges R, Ahmed R, Gutierrez NM, Van Dyken C, Polat A, Sugawara A, Sparman M, Gokhale S, Amato P, Wolf DP, Ecker JR, Laurent LC, Mitalipov S. Abnormalities in human pluripotent cells due to reprogramming mechanisms. *Nature* 2014; **511**: 177-183 [PMID: 25008523 DOI: 10.1038/nature13551]
- 106 **Bar-Nur O**, Russ HA, Efrat S, Benvenisty N. Epigenetic memory and preferential lineage-specific differentiation in induced pluripotent stem cells derived from human pancreatic islet beta cells. *Cell Stem Cell* 2011; **9**: 17-23 [PMID: 21726830 DOI: 10.1016/j.stem.2011.06.007]
- 107 **Kajiwara M**, Aoi T, Okita K, Takahashi R, Inoue H, Takayama N, Endo H, Eto K, Toguchida J, Uemoto S, Yamanaka S. Donor-dependent variations in hepatic differentiation from human-induced pluripotent stem cells. *Proc Natl Acad Sci USA* 2012; **109**: 12538-12543 [PMID: 22802639 DOI: 10.1073/pnas.1209979109]
- 108 **Koyanagi-Aoi M**, Ohnuki M, Takahashi K, Okita K, Noma H, Sawamura Y, Teramoto I, Narita M, Sato Y, Ichisaka T, Amano N, Watanabe A, Morizane A, Yamada Y, Sato T, Takahashi J, Yamanaka S. Differentiation-defective phenotypes revealed by large-scale analyses of human pluripotent stem cells. *Proc Natl Acad Sci USA* 2013; **110**: 20569-20574 [PMID: 24259714 DOI: 10.1073/pnas.1319061110]
- 109 **Yamashita A**, Liu S, Wolpert K, Thomas B, Meng G, Hotta A, Takahashi K, Ellis J, Yamanaka S, Rancourt DE. Cartilage tissue engineering identifies abnormal human induced pluripotent stem cells. *Sci Rep* 2013; **3**: 1978 [PMID: 23760219 DOI: 10.1038/srep01978]
- 110 **Zhao T**, Zhang ZN, Rong Z, Xu Y. Immunogenicity of induced pluripotent stem cells. *Nature* 2011; **474**: 212-215 [PMID: 21572395 DOI: 10.1038/nature10135]
- 111 **Okita K**, Nagata N, Yamanaka S. Immunogenicity of induced pluripotent stem cells. *Circ Res* 2011; **109**: 720-721 [PMID: 21921270 DOI: 10.1161/RES.0b013e318232e187]
- 112 **Araki R**, Uda M, Hoki Y, Sunayama M, Nakamura M, Ando S, Sugiura M, Ideno H, Shimada A, Nifuji A, Abe M. Negligible immunogenicity of terminally differentiated cells derived from induced pluripotent or embryonic stem cells. *Nature* 2013; **494**: 100-104 [PMID: 23302801 DOI: 10.1038/nature11807]
- 113 **Guha P**, Morgan JW, Mostoslavsky G, Rodrigues NP, Boyd AS. Lack of immune response to differentiated cells derived from syngeneic induced pluripotent stem cells. *Cell Stem Cell* 2013; **12**: 407-412 [PMID: 23352605 DOI: 10.1016/j.stem.2013.01.006]
- 114 **de Almeida PE**, Meyer EH, Kooreman NG, Diecke S, Dey D, Sanchez-Freire V, Hu S, Ebert A, Odegaard J, Mordwinkin NM, Brouwer TP, Lo D, Montoro DT, Longaker MT, Negrin RS, Wu JC. Transplanted terminally differentiated induced pluripotent stem cells are accepted by immune mechanisms similar to self-tolerance. *Nat Commun* 2014; **5**: 3903 [PMID: 24875164 DOI: 10.1038/ncomms4903]
- 115 **Tang C**, Lee AS, Volkmer JP, Sahoo D, Nag D, Mosley AR, Inlay MA, Ardehali R, Chavez SL, Pera RR, Behr B, Wu JC, Weissman IL, Drukker M. An antibody against SSEA-5 glycan on human pluripotent stem cells enables removal of teratoma-forming cells. *Nat Biotechnol* 2011; **29**: 829-834 [PMID: 21841799 DOI: 10.1038/nbt.1947]
- 116 **Ben-David U**, Nudel N, Benvenisty N. Immunologic and chemical targeting of the tight-junction protein Claudin-6 eliminates tumorigenic human pluripotent stem cells. *Nat Commun* 2013; **4**: 1992 [PMID: 23778593 DOI: 10.1038/ncomms2992]
- 117 **Tohyama S**, Hattori F, Sano M, Hishiki T, Nagahata Y, Matsura T, Hashimoto H, Suzuki T, Yamashita H, Satoh Y, Egashira T, Seki T, Muraoka N, Yamakawa H, Ohgino Y, Tanaka T, Yoichi M, Yuasa S, Murata M, Suematsu M, Fukuda K. Distinct metabolic flow enables large-scale purification of mouse and human pluripotent stem cell-derived cardiomyocytes. *Cell Stem Cell* 2013; **12**: 127-137 [PMID: 23168164 DOI: 10.1016/j.stem.2012.09.013]
- 118 **Taylor CJ**, Peacock S, Chaudhry AN, Bradley JA, Bolton EM. Generating an iPSC bank for HLA-matched tissue transplantation based on known donor and recipient HLA types. *Cell Stem Cell* 2012; **11**: 147-152 [PMID: 22862941 DOI: 10.1016/j.stem.2012.07.014]
- 119 **Nakatsuji N**, Nakajima F, Tokunaga K. HLA-haplotype banking and iPS cells. *Nat Biotechnol* 2008; **26**: 739-740 [PMID: 18612291 DOI: 10.1038/nbt0708-739]
- 120 **Cyranoski D**. Stem-cell pioneer banks on future therapies. *Nature* 2012; **488**: 139 [PMID: 22874941 DOI: 10.1038/488139a]

P- Reviewer: Chen F, Chhabra A, Patanè S S- Editor: Tian YL
 L- Editor: A E- Editor: Lu YJ





Baishideng®

Published by **Baishideng Publishing Group Inc**

8226 Regency Drive, Pleasanton, CA 94588, USA

Telephone: +1-925-223-8242

Fax: +1-925-223-8243

E-mail: bpgoffice@wjgnet.com

Help Desk: <http://www.wjgnet.com/esps/helpdesk.aspx>

<http://www.wjgnet.com>



