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2008-
2003.1 2008.01

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2005-2018
2017-
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- 1) Pei Liu, Sixia Huang, Shifeng Lin, Fuhua Wang, Wei Zhang, Shuqin Xu, Rujiang Zhou, Lin He, Xuechun Xia, Zhengju Yao, Yong Fan, Niansong Wang, Congxia Hu, Xiaodong Zhao, Haley O. Tucker, Jiqiu Wang, Xizhi Guo. Foxp1 controls brown/beige adipocyte differentiation and thermogenesis through regulating βAR desensitization. *Nature Communications* (in press)
- 2) Shuqin Xu, Pei Liu, Yuanxin Chen, Yi Chen, Wei Zhang, Haixia Zhao, Yiwei Cao, Fuhua Wang, Nana Jiang, Shifeng Lin, Baojie Li, Zhenlin Zhang, Zhanying Fan, Yunyun Jin, Lin He, Rujiang Zhou, Joseph D. Dekker, Haley O. Tucker, Simon E. Fisher, Zhengju Yao, Quansheng Liu*, Xuechun Xia*, Xizhi Guo (2018) Foxp2 regulates anatomical features required for vocalization and bipedal behavior. *PNAS* Aug 28; 115(35):8799-8804.
- 3)

(2017).Journal of Clinical Investigation127(4):12411253.

- Xizhi Guo* (2013) Misexpression of Pknox2 in mouse limb bud mesenchyme perturbs zeugopod development and deltoid crest formation. *PLoS One* 8(5):e64237
- 15) Yong Wan Cheng Lu, Jingjing Cao, Rujiang Zhou, Yiyun Yao, Jian Yu, Lingling Zhang, Zhao, Hanjun Li, Jianzhi Zhao, Xuming Zhu, Lin He, Yongzhong Zheng, Zhengju Yao, Xiao Yang and Xizhi Guo (2013) Osteoblastic Wnts differentially regulate bone remodeling and the maintenance of bone marrow mesenchymal stem cells. *Bone* 55(1):258-67
- 16) Cheng Lu, Yong Wan, Jingjing Cao, Xuming Zhu, Jian Yu, Rujiang Zhou, Yiyun Yao, Lingling Zhang, Haixia Zhao, Hanjun Li, Jianzhi Zhao, He, Gang Ma, Zhengju Yao, and Xizhi Guo* (2013) Wnts-mediated reciprocal regulation between cartilage and bone development during endochondral ossification. *Bone* 53(2):566-74.
- 17) Huang Zhu, Jianzhi Zhao, Wenrong Zhou, Hanjun Li, Rujiang Zhou, Lingling Zhang, Haixia Zhao, Jingjing Cao, Xuming Zhu, Hongliang Gu, Gang Ma, Lin He, Zhengju Yao, Libo Yao, Xizhi Guo* (2012) Ndr2 regulates vertebral specification in differentiating somites. *Developmental Biology* 369(2):308-18.
- 18) Xuming Zhu, Huang Zhu, Lingling Zhang, Sixia Huang, Jingjing Cao, Gang Ma, Guoying Feng, Lin He, Yingzi Yang, Xizhi Guo* (2012) Wnt-mediated Wnts differentially regulate distal limb patterning and tissue morphogenesis. *Developmental Biology* 365(2):328-38.
- 19)

pathway interacts differentially with PTHrP signaling to control chondrocyte hypertrophy and final maturation. PLoS One 26;4(6):e6067.

- 27) Chuwen Lin, Xuan Jiang, Zhongquan Dai, Xizhi Guo, Guohui Li, Tujun Weng, Jun Wang, Guoyin Feng, Xiang Gao, Lin (2009). Sclerostin Mediates Bone Response to Mechanical Unloading via Antagonizing Wnt/beta-. 26:e Tc 0 c 0.12 T Tc 0.1258 IoUca

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- 1) 2018, 6th Tripartate Conference on tooth and bone development and regeneration, Hongkong, China, oral presentation, "Foxp2 regulates anatomical features that may be relevant to vocal and bipedal locomotion"
 - 2) 2018, oral presentation, "Foxp2 regulates anatomical features that may be relevant to vocal and bipedal locomotion"
 - 3) 2018 "Foxp2 regulates anatomical features that may be relevant to vocal and bipedal locomotion"
 - 4) 2018 "Foxp1 controls BAT differentiation and energy expenditure by regulating beta3-adrenergic receptor expression"
 - 5) 2016 Cold Spring Harbor Asia, Bone and Cartilage Development, Suzhou, China, oral presentation, "Foxp1 controls the cell fate commitment and senescence of bone marrow mesenchymal stem cells during skeletal aging"
 - 6) 2014, Annual meeting of American Society for Bone and Mineral Research, Houston, TX, poster "Foxp1 regulates the aging of bone marrow mesenchymal stem cells"
 - 7) 2014, Cold Spring Harbor Asia, Bone and Cartilage Development, Suzhou, China, oral presentation, "Foxp1/2/4 complex regulates endochondral ossification"
 - 8) 2014 7th International Conference on Osteoporosis and Bone Research, Xiamen, China, oral presentation, "Foxp genes in bone development and disorders"
 - 9) 2013 2013.07.02 oral presentation, "Foxp1/2/4 complex regulate endochondral ossification".
 - 10) 2012 Annual meeting of American Society for Bone and Mineral Research, Minneapolis, Minnesota, USA, poster "Foxp1/2/4 complex regulate osteoblast differentiation and chondrocyte hypertrophy".
 - 11) 2011 Annual meeting of American Society for Bone and Mineral Research, San Diego, USA, poster presentation, "The niche role of osteoblastic Wnts in bone remodeling and BMSC maintenance".
 - 12) 2011 Wnt meeting, Los Angeles, USA, poster presentation, "The niche role of osteoblastic Wnts in bone remodeling and BMSC maintenance".
 - 13) 2010 Wnt meeting, Stockholm, Sweden, oral presentation, "Ectodermal and mesodermal Wnts differentially regulate distal limb morphogenesis"
 - 14) 2010 Annual meeting of American Society for Bone and Mineral Research, Oronto, Canada, oral presentation, "The role of Wnt signaling mediated by Wntless in limb patterning"
 - 15) 2010 Animal Model and Human Health meeting, Nanchang, oral presentation, "SCF/c-Kit signaling acts as a new etiological factor for depression by regulating adult hippocampal neurogenesis"
 - 16) 2010 Molecular Cell Biology Symposium, Hangzhou, oral presentation, "The role of Wnt signaling mediated by Wntless in skeletal development"
 - 17) 2010 Bio-X Symposium on Skeletal Developmental and Disorders, Shanghai, oral presentation, "The role of Wnt signaling mediated by Wntless in skeletal development"
 - 18) 2009 Mouse Functional Genomics meeting, Shanghai, oral presentation, "The role of Wnt signaling in skeletal development and mechanotransduction"
 - 19) 2008 Annual meeting of American Society for Bone and Mineral Research, Montreal, Canada
 - 20) 2006 Annual meeting of American Society for Bone and Mineral Research, Nashville, USA, poster, "The role of canonical Wnt signaling in promoting chondrocyte hypertrophy and maturation"

- 21) 2005 Mouse Molecular Genetics, New York, USA, poster, "Wnt/ β -catennin signaling is necessary and sufficient for synovial joint formation"