Bone 125 (2019) 207–208

Contents lists available at ScienceDirect

Bone

journal homepage: www.elsevier.com/locate/bone

Corrigendum

Corrigendum to "Deletion of core-binding factor β (Cbfβ) in mesenchymal progenitor cells provides new insights into Cbfβ/Runxs complex function in cartilage and bone development" [Bone 65 (2014) 49–59]

Mengrui Wu[a,b], Chenguan Li[a,c], Guochun Zhu[a], Yiping Wang[a,b], Joel Jules[a], Yun Lu[a], Matthew McConnell[a], Yong-Jun Wang[a], Jian-Zhong Shao[b], Yi-Ping Li[a,b,*], Wei Chen[a,**]

[a] Department of Pathology, University of Alabama at Birmingham, Birmingham, AL 35294, USA
[b] Institute of Genetics, Life Science College, Zhejiang University, Hangzhou, Zhejiang, 310058, People's Republic of China
[c] Institute of Spine, Longhua Hospital, ShangHai University of Traditional Chinese Medicine, Shanghai, People's Republic of China

The authors regret that there are errors in Figs. 5E and S1. We found that we had inadvertently selected the wrong images while assembling the final figures, instead of the data we prepared for this manuscript. Corrected figures appear below.

Additionally, for transparency we have uploaded the raw data files associated with the corrected figures to Mendeley Data at http://dx.doi.org/10.17632/mppyng4jx8.1. The corrections do not affect our original scientific findings and conclusion. We deeply apologize for any inconvenience caused by these errors.

DOI of original article: https://doi.org/10.1016/j.bone.2014.04.031

* Correspondence to: Y-P. Li, Department of Pathology, University of Alabama at Birmingham, SHEL 810, 1825 University Blvd, Birmingham, AL 35294, USA.
** Correspondence to: W. Chen, Department of Pathology, University of Alabama at Birmingham, SHEL 815, 1825 University Blvd, Birmingham, AL 35294, USA.
E-mail addresses: yipingli@uabmc.edu (Y.-P. Li), weichen@uabmc.edu (W. Chen).

https://doi.org/10.1016/j.bone.2019.05.023

8756-3282/

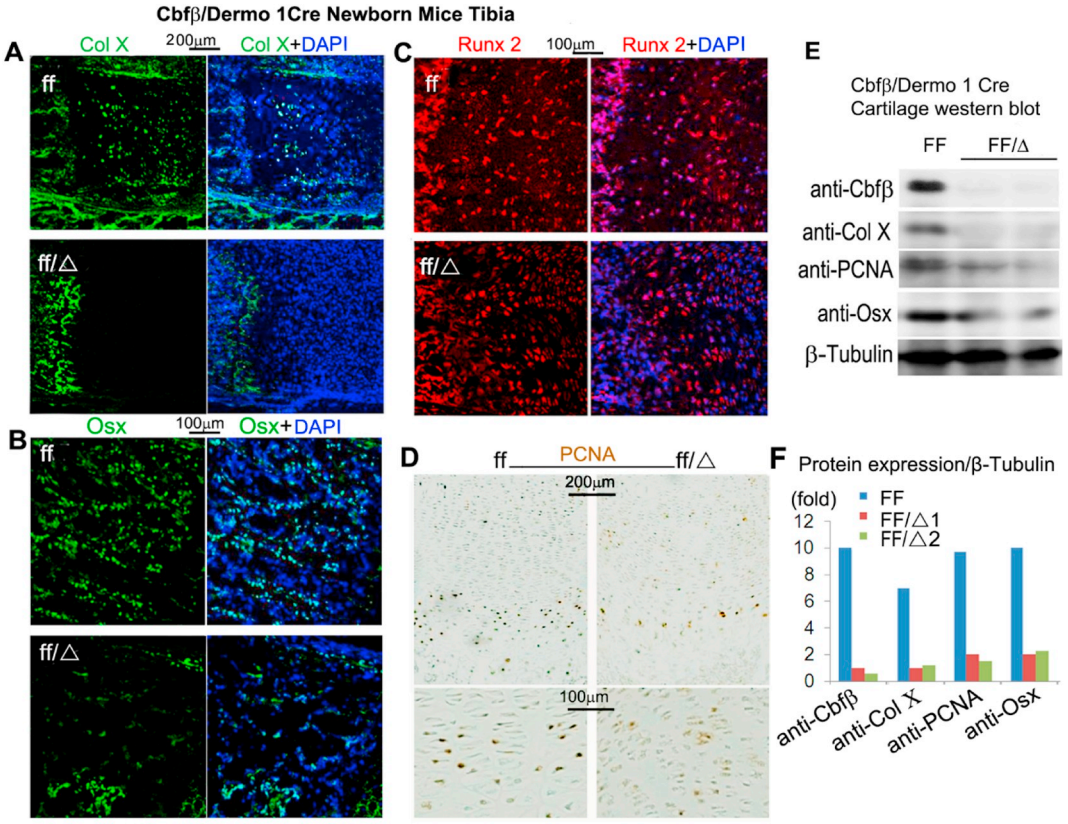
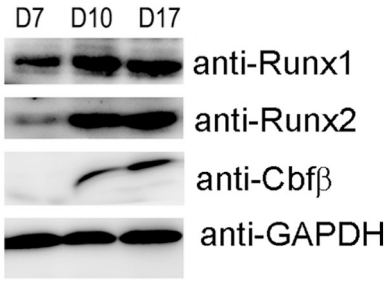


Fig. 5. *Cbfβ$^{f/f}$ Dermo1-Cre* mice exhibit delayed chondrocyte development and impaired osteoblast differentiation. (A–C) Immunofluorescence staining with anti-Col X (A), anti-Osx (B) or anti-Runx2 (C) antibodies of tibial paraffin sections from newborn *Cbfβ$^{f/f}$ Dermo1-Cre* (*ff/Δ*) and wild-type (WT, *ff*) mice. (D) PCNA staining of tibial paraffin sections from newborn *Cbfβ$^{f/f}$ Dermo1-Cre* and WT mice are shown. Blue staining from DAPI indicates cell nuclei in A–D. (E) Western blot analysis of the expression levels of Cbfβ, Col X, PCNA and Osx in the cartilage of *Cbfβ$^{f/f}$ Dermo1-Cre* and WT mice. β-Tubulin is used as loading control. (F) Quantification of "E" is shown. The data of A–D are representative of seven mice per group. (For interpretation of the references to colour in this figure legend, the reader is referred to the web version of this article.)



Supplemental Fig. S1. Analysis of the expression of Cbfβ, Runx1, and Runx2 during osteoblastogenesis. Osteoblasts derived from calvarial cells from wild type (WT) newborn mice were lysed for proteins to analyze osteoblastogenesis-related transcription factor gene expression. Western blot shows that the expression of Cbfβ, Runx1, and Runx2 are up-regulated during osteoblast differentiation.