Corrigendum: FIB/SEM technology and high-throughput 3D reconstruction of dendritic spines and synapses in GFP-labeled adult-generated neurons

Carles Bosch  
*University of Barcelona*

Albert Martinez  
*University of Barcelona*

Nuria Masachs  
*University of Barcelona*

*See next page for additional authors*

Follow this and additional works at: [http://escholarship.umassmed.edu/neurobiology_pp](http://escholarship.umassmed.edu/neurobiology_pp)

This material is brought to you by eScholarship@UMMS. It has been accepted for inclusion in Neurobiology Publications and Presentations by an authorized administrator of eScholarship@UMMS. For more information, please contact Lisa.Palmer@umassmed.edu.
Corrigendum: FIB/SEM technology and high-throughput 3D reconstruction of dendritic spines and synapses in GFP-labeled adult-generated neurons

Authors
Carles Bosch, Albert Martinez, Nuria Masachs, Catia M. Teixeira, Isabel Fernaud, Fausto Ulloa, Esther Perez-Martinez, Carlos Lois, Joan X. Comella, Javier DeFelipe, Angel Merchan-Perez, and Eduardo Soriano

Keywords
3D-reconstruction, FIB/SEM, adult neurogenesis, dendritic spines, electron microscopy, synapses

Creative Commons License
This work is licensed under a Creative Commons Attribution 4.0 License.

Rights and Permissions
Citation: Front Neuroanat. 2016 Oct 18;10:100. eCollection 2016. Link to article on publisher's site

This article is available at eScholarship@UMMS: http://escholarship.umassmed.edu/neurobiology_pp/194
Corrigendum: FIB/SEM technology and high-throughput 3D reconstruction of dendritic spines and synapses in GFP-labeled adult-generated neurons

Carles Bosch1,2,3, Albert Martínez1, Nuria Masachs1,2, Cátia M. Teixeira1,2, Isabel Fernaud2,4,5, Fausto Ulloa1,2, Esther Pérez-Martínez1,2, Carlos Lois6, Joan X. Comella2,3,7, Javier DeFelipe2,4,5, Angel Merchán-Pérez2,4,8 and Eduardo Soriano1,2,3,9*

1 Developmental Neurobiology and Regeneration Unit, Department of Cell Biology, Immunology and Neurosciences and Barcelona Science Park, University of Barcelona, Barcelona, Spain, 2 Centro de Investigación Biomédica en Red Sobre Enfermedades Neurodegenerativas, Instituto de Salud Carlos III, Madrid, Spain, 3 Instituto de Recerca de l’Hospital Universitari de la Vall d’Hebron (VHIR), Barcelona, Spain, 4 Laboratorio Cajal de Circuitos Corticales, Centro de Tecnología Biomédica, Universidad Politécnica de Madrid, Campus de Montegancedo, Madrid, Spain, 5 Instituto Cajal (Consejo Superior de Investigaciones Científicas), Madrid, Spain, 6 Department of Neurobiology, University of Massachusetts Medical School, Worcester, MA, USA, 7 Departament de Bioquímica i Biologia Molecular, Facultat de Medicina, Institut de Neurociències, Universitat Autònoma de Barcelona, Bellaterra, Spain, 8 Departamento de Arquitectura y Tecnología de Sistemas Informáticos, Escuela Técnica Superior de Ingenieros Informáticos, Universidad Politécnica de Madrid, Madrid, Spain, 9 Institució Catalana de Recerca i Estudis Avançats Academia, Barcelona, Spain

Keywords: dendritic spines, synapses, 3D-reconstruction, electron microscopy, FIB/SEM, adult neurogenesis


A sentence in the description of Figures 5A–D in the results section of Bosch et al. (2015) contained a minor error, which we hereby rectify (page 7, section “Three-Dimensional Analysis of Input Synapses onto Mature Adult-Generated Granule Cells”, paragraph 3, lines 3–5).

This modification does not alter any of the results or claims arisen in the original article, while adds coherence across the manuscript.

It should read:

“Spine and synapse sizes were distributed with a right-skewed curve, whereas sphericities distributed symmetrically around the means (Figures 5A–D).”

AUTHOR CONTRIBUTIONS

Designed the project: CB, JD, AMe, ES; performed experiments: CB, AMa, NM, CT, IF, FU, EP, AMe; contributed with reagents/materials/analyses tools: CB, CT, IF, FU, EP, CL, JC, JD, AMe; analyzed the data: CB, AMa, ES; discussed the results and interpreted the data: CB, AMa, NM, CT, IF, FU, EP, CL, JC, JD, AMe, ES; wrote the article: CB, JDF, AMe, ES.
REFERENCES


Conflict of Interest Statement: The authors declare that the research was conducted in the absence of any commercial or financial relationships that could be construed as a potential conflict of interest.

Copyright © 2016 Bosch, Martínez, Masachs, Teixeira, Fernaud, Ulloa, Pérez-Martínez, Lois, Comella, DeFelipe, Merchán-Pérez and Soriano. This is an open-access article distributed under the terms of the Creative Commons Attribution License (CC BY). The use, distribution or reproduction in other forums is permitted, provided the original author(s) or licensor are credited and that the original publication in this journal is cited, in accordance with accepted academic practice. No use, distribution or reproduction is permitted which does not comply with these terms.