



# **Corrigendum: How and why do root** apices sense light under the soil surface?

### Mei Mo<sup>1</sup>, Ken Yokawa<sup>2,3</sup>, Yinglang Wan<sup>1\*</sup> and František Baluška<sup>2\*</sup>

How and why do root apices sense light under the soil surface?

<sup>1</sup> College of Biological Sciences and Biotechnology, Beijing Forestry University, Beijing, China, <sup>2</sup> Institute of Cellular and Molecular Botany, University of Bonn, Bonn, Germany, <sup>3</sup> Department of Biological Sciences, Tokyo Metropolitan University, Tokyo, Japan

Keywords: root, photomorphogenesis, photoreceptors, plant, phytohormones, phototropism, auxin

#### A Corrigendum on

10.3389/fpls.2015.00775

## **OPEN ACCESS**

#### Edited by:

Stefan De Folter, ter for Research and

The Center for Research and Advanced Studies of the National Polytechnic Institute, Mexico

> **Reviewed by:** John Christie, University of Glasgow, UK

#### \*Correspondence:

Yinglang Wan ylwan@bjfu.edu.cn; František Baluška baluska@uni-bonn.de

#### Specialty section:

This article was submitted to Plant Evolution and Development, a section of the journal Frontiers in Plant Science

> Received: 08 October 2015 Accepted: 15 October 2015 Published: 27 October 2015

#### Citation:

Mo M, Yokawa K, Wan Y and Baluška F (2015) Corrigendum: How and why do root apices sense light under the soil surface? Front. Plant Sci. 6:930. doi: 10.3389/fpls.2015.00930 Original sentence in Page 2, Paragraph 1, last sentence: However, these authors located their light source too close to the roots and also; importantly, not from the top (the shoot part) but rather from the side of roots which induced negative phototropism of roots, inhibiting the root growth. Therefore, the illuminated roots are shorter as the dark-grown roots in the D-root system (Silva-Navas et al., 2015).

by Mo, M., Yokawa, K., Wan, Y., and Baluška, F. (2015). Front. Plant Sci. 6:775. doi:

#### Corrigendum:

In the D-Root system, the light comes from the top and shoots perceive the same amount and intensity of light whereas roots do not get any light. Only in the modified D-Root system, used to analyze specific wavelengths, the light is provided frontally (Silva-Navas et al., 2015).

The original article has been updated.

# REFERENCES

Silva-Navas, J., Moreno-Risueno, M. A., Manzano, C., Pallero-Baena, M., Navarro-Neila, S., Téllez-Robledo, B., et al. (2015). D-Root: a system to cultivate plants with the root in darkness or under different light conditions. *Plant J.* 84, 244–255. doi: 10.1111/tpj.12998

**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 © 2015 Mo, Yokawa, Wan and Baluška. 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.