



## Correction: A planar pentacoordinate oxygen in the experimentally observed $[\text{Be}_5\text{O}_6]^{2-}$ dianion

Cite this: *Chem. Sci.*, 2025, 16, 13122Rui Sun,<sup>ab</sup> Yang Yang,<sup>a</sup> Xin Wu,<sup>b</sup> Hua-Jin Zhai,<sup>a</sup> Caixia Yuan<sup>\*a</sup> and Yan-Bo Wu<sup>\*a</sup>

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Correction for 'A planar pentacoordinate oxygen in the experimentally observed  $[\text{Be}_5\text{O}_6]^{2-}$  dianion' by Rui Sun *et al.*, *Chem. Sci.*, 2025, <https://doi.org/10.1039/d5sc02361k>.[rsc.li/chemical-science](https://rsc.li/chemical-science)

The authors regret that the use of the phrase “electrospray ionization” was incorrect in two instances in their published articles. The affected sentences are:

“The  $[\text{Be}_5\text{O}_6]^{2-}$  dianion, first produced in 2006 *via* electrospray ionization and initially proposed by a concurrent computational study to adopt a linear O–Be alternating structure, stands as a rare experimentally observed SMCA.”

And

“Notably, a literature survey revealed that the corresponding  $[\text{Be}_5\text{O}_6]^{2-}$  dianion was generated in 2006 *via* electrospray ionization,<sup>37</sup> but a concurrent computational study<sup>38</sup> incorrectly proposed a linear O–Be-alternating structure (0 in Fig. 1).”

The phrase “electrospray ionization” is hereby corrected to “simultaneous metal sputtering and O<sub>2</sub> flooding”. The sentences above are corrected to:

“The  $[\text{Be}_5\text{O}_6]^{2-}$  dianion, first produced in 2006 *via* simultaneous metal sputtering and O<sub>2</sub> flooding and initially proposed by a concurrent computational study to adopt a linear O–Be alternating structure, stands as a rare experimentally observed SMCA.”

And

“Notably, a literature survey revealed that the corresponding  $[\text{Be}_5\text{O}_6]^{2-}$  dianion was generated in 2006 *via* simultaneous metal sputtering and O<sub>2</sub> flooding,<sup>37</sup> but a concurrent computational study<sup>38</sup> incorrectly proposed a linear O–Be-alternating structure (0 in Fig. 1).”

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

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