


 Cite this: *Chem. Commun.*, 2019, 55, 13183

## Retraction: Ni<sub>2</sub>[LnCl<sub>6</sub>] (Ln = Eu<sup>II</sup>, Ce<sup>II</sup>, Gd<sup>II</sup>): the first Ln<sup>II</sup> compounds stabilized in a pure inorganic lattice

 Bianca Baldo,<sup>ab</sup> Francisco Rubio,<sup>ac</sup> Erwin Flores,<sup>a</sup> Andres Vega,<sup>ac</sup>  
Nathalie Audebrand,<sup>b</sup> Diego Venegas-Yazigi<sup>cd</sup> and Verónica Paredes-García<sup>\*ac</sup>

DOI: 10.1039/c9cc90457c

rsc.li/chemcomm

 Retraction of 'Ni<sub>2</sub>[LnCl<sub>6</sub>] (Ln = Eu<sup>II</sup>, Ce<sup>II</sup>, Gd<sup>II</sup>): the first Ln<sup>II</sup> compounds stabilized in a pure inorganic lattice' by Bianca Baldo *et al.*, *Chem. Commun.*, 2018, **54**, 7531–7534.

We, the named authors hereby wholly retract this *Chemical Communications* article due to concerns with the interpretation of the data in the published article.

In the article crystal structures were identified by the authors as Ni<sub>2</sub>[LnCl<sub>6</sub>]. Subsequent analysis of the data by independent experts suggest that the structure is a better match for the compound [Ni(NH<sub>3</sub>)<sub>6</sub>]Cl<sub>2</sub>. The authors suggest that there may be a mixture of compounds present in their material, but it has not been possible to obtain convincing data for the lanthanide crystals at this time.

Given the significance of the concerns, the validity of the data and, therefore, the conclusions presented in this paper are no longer reliable.

Signed: Bianca Baldo, Francisco Rubio, Andres Vega, Nathalie Audebrand, Diego Venegas-Yazigi and Verónica Paredes-García  
Date: 7th October 2019

Erwin Flores was contacted but did not respond.

Retraction endorsed by Richard Kelly, Executive Editor, *Chemical Communications*

<sup>a</sup> Universidad Andres Bello, Facultad de Ciencias Exactas, Departamento de Ciencias Químicas, Santiago, Chile. E-mail: vparedes@unab.cl

<sup>b</sup> Université de Rennes 1, Institut des Sciences Chimiques de Rennes, UMR 6226, France

<sup>c</sup> CEDENNA, Santiago, Chile

<sup>d</sup> Universidad de Santiago de Chile, Facultad de Química y Biología, Departamento de Química de los Materiales, Santiago, Chile

