

## CORRECTION

[View Article Online](#)  
[View Journal](#) | [View Issue](#)

Cite this: *RSC Adv.*, 2022, **12**, 17390

DOI: 10.1039/d2ra90061k

[rsc.li/rsc-advances](https://rsc.li/rsc-advances)

# Correction: Drying-induced back flow of colloidal suspensions confined in thin unidirectional drying cells

Kai Inoue<sup>a</sup> and Susumu Inasawa<sup>\*ab</sup>

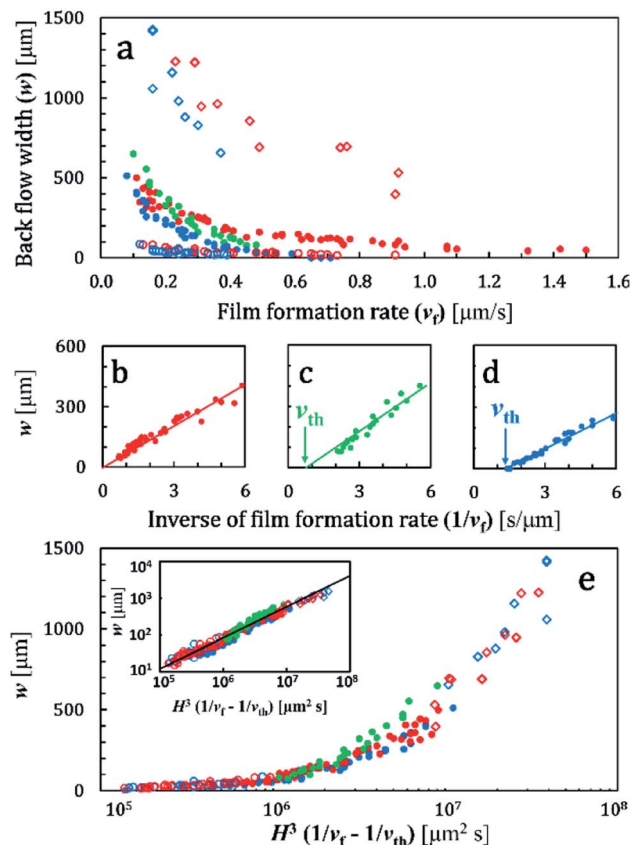
Correction for 'Drying-induced back flow of colloidal suspensions confined in thin unidirectional drying cells' by Kai Inoue *et al.*, *RSC Adv.*, 2020, **10**, 15763–15768, <https://doi.org/10.1039/D0RA02837A>.

The authors regret that an incorrect version of Fig. 3 was included in the original article. The transverse axes in Fig. 3e and its inset were incorrectly displayed. The correct version of Fig. 3 is presented below. The correction does not change any description, results or conclusions in the original article.

<sup>a</sup>Graduate School of Bio-Applications and Systems Engineering, Tokyo University of Agriculture and Technology, 2-24-16 Nakacho, Koganei, Tokyo 184-8588, Japan. E-mail: [inasawa@cc.tuat.ac.jp](mailto:inasawa@cc.tuat.ac.jp); Fax: +81-42-388-7798; Tel: +81-42-388-7105

<sup>b</sup>Department of Chemical Engineering, Tokyo University of Agriculture and Technology, 2-24-16 Nakacho, Koganei, Tokyo 184-8588, Japan





**Fig. 3** (a) Width of the back-flow region ( $w$ ) and film growth rate ( $v_f$ ). Conditions ( $d$ ,  $\phi_w$ ,  $H$ ) = (45 nm, 20 wt%, 100  $\mu\text{m}$ ) for red solid circles, (65 nm, 20 wt%, 100  $\mu\text{m}$ ) for green solid circles, (110 nm, 15 wt%, 100  $\mu\text{m}$ ) for blue solid circles, (45 nm, 20 wt%, 50  $\mu\text{m}$ ) for red open circles, (45 nm, 20 wt%, 200  $\mu\text{m}$ ) for red open squares, (110 nm, 15 wt%, 50  $\mu\text{m}$ ) for blue open circles, and (110 nm, 15 wt%, 200  $\mu\text{m}$ ) for blue open squares. Data of red, blue, and green solid circles in (a) are replotted by using  $v_f^{-1}$  in (b)–(d). The solid line in (b)–(d) show a linear fitting result for the data for  $v_f^{-1} < 6$  [ $\text{s } \mu\text{m}^{-1}$ ]. (e) All data in (a) were plotted by using  $H^3/(1/v_f - 1/v_{th})$ . The inset in (e) shows the same data in a log–log plot. The solid line in the inset shows a slope of 0.85. The same symbols as in (a) are used in (b)–(e).

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