


 Cite this: *Soft Matter*, 2017, 13, 6270

DOI: 10.1039/c7sm90149f

[rsc.li/soft-matter-journal](http://rsc.li/soft-matter-journal)

## Correction: The effect of wall depletion and hydrodynamic interactions on stress-gradient-induced polymer migration

 Hossein Rezvantab, <sup>a</sup> Guorui Zhu <sup>ab</sup> and Ronald G. Larson <sup>\*a</sup>

 Correction for 'The effect of wall depletion and hydrodynamic interactions on stress-gradient-induced polymer migration' by Hossein Rezvantab *et al.*, *Soft Matter*, 2016, **12**, 5883–5897.

We noticed, after publication of the paper, that the product of the first-order concentration and first-order migration flux was inadvertently left out of the second-order convection–diffusion equation used in calculating the second-order contribution to the concentration field,  $c^{(2)}$ ; the correct expression is

$$-Dc_{,i,i}^{(2)} + v_i c_{,i}^{(1)} + (c^{(0)} \tilde{j}_i^{m(2)})_{,i} + (c^{(2)} \tilde{j}_i^{m(0)})_{,i} + (c^{(1)} \tilde{j}_i^{m(1)})_{,i} = 0 \quad (3.14)$$

with the last term on the left-hand side giving the additional second order contribution. Note that this is simply a typo in writing the expression in the main text, while all the analysis and the results reported for second-order expansion are based on the correct perturbation including the  $c^{(1)} \tilde{j}_i^{m(1)}$  term.

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

<sup>a</sup> Department of Chemical Engineering, University of Michigan, Ann Arbor, Michigan, 48109, USA. E-mail: [rlarson@umich.edu](mailto:rlarson@umich.edu)
<sup>b</sup> School of Chemical Engineering & Technology, Tianjin University, Tianjin, 300072, China
