

Correction to Diffusion, Molecular Separation, and Drug Delivery from Lipid Mesophases with Tunable Water Channels

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In our previous report¹ we used the following set of equations to estimate the water channel radii in the *Pn3m* and *Im3m*, respectively:

$$(Pn3m)r = 0.391a - l \quad (3a)$$

$$(Im3m)r = 0.305a - l \quad (3b)$$

Both eqs 3a and 3b are correct; however, in the case of eq 3b (*Im3m*), a prefactor of 0.391 was wrongly used, instead of 0.305, to estimate the water channel size of the *Im3m*. The correct values of the *Im3m* water channel diameters using eq 3b with 0.305 as prefactor are now given in the corrected Table 1

REFERENCES

- (1) Negrini, R.; Mezzenga, R. Diffusion, Molecular Separation, and Drug Delivery from Lipid Mesophases with Tunable Water Channels. *Langmuir* 2012, 28, 16455–16462.

Table 1. Corrected

% S16	space group	water [wt %]	a [nm]	D _w [nm]
0	<i>Pn3m</i>	37	8.57	3.85
5	<i>Pn3m</i>	41.33	9.23	4.39
10	<i>Im3m</i>	42.73	13.14	4.80
15	<i>Im3m</i>	46.03	14.60	5.56
20	<i>Im3m</i>	47.00	17.50	6.75
25	<i>Im3m</i>	49.52	21.00	8.34

and Figure 2b below. The arguments used for the interpretation of the dependence of transport properties of the mesophases as a function of water channel diameters remain globally correct in the manuscript.

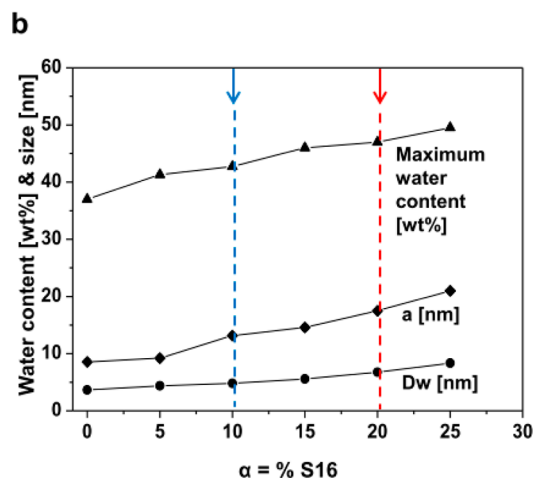


Figure 2b. Corrected.

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