

## Supporting Information to

**Linking a Pharmaceutical Chemistry Workshop to Pharmacy Practice****Jordi MORRAL, Margaret CULSHAW, Kim MORRAL,  
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**Tab. S1.** Results of self-completion questionnaire administered to students before and after the workshop (N = 66 before the workshop and N=61 after the workshop)<sup>a</sup>

Survey item <sup>b</sup>	Strongly agree No. <sup>c</sup>		Agree No. <sup>c</sup>		Neither agree nor disagree No. <sup>c</sup>		Disagree No. <sup>c</sup>		Strongly disagree No. <sup>c</sup>		Not known / No response No. <sup>c</sup>	
	<i>Before</i>	<b>After</b>	<i>Before</i>	<b>After</b>	<i>Before</i>	<b>After</b>	<i>Before</i>	<b>After</b>	<i>Before</i>	<b>After</b>	<i>Before</i>	<b>After</b>
1)	18 (27.3%)	<b>52</b> (85.2%)	36 (54.5%)	8 (13.1%)	8 (12.1%)	0 (0%)	1 (1.5%)	1 (1.6%)	3 (4.54%)	0 (0%)	0 (0%)	0 (0%)
2)	20 (30.3%)	<b>49</b> (80.3%)	29 (43.9%)	9 (14.7%)	13 (19.7%)	2 (3.3%)	3 (4.5%)	0 (0%)	1 (1.5%)	0 (0%)	0 (0%)	1 (1.6%)
3)	37 (56.1%)	<b>42</b> (68.8%)	28 (42.4%)	19 (31.1%)	1 (1.5%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
4)	1 (1.5%)	<b>2</b> (3.3%)	6 (9.09%)	1 (1.6%)	15 (22.7%)	6 (9.8%)	36 (54.5%)	26 (42.6%)	8 (12.1%)	26 (42.6%)	0 (0%)	0 (0%)
5)	1 (1.5%)	<b>15</b> (24.6%)	13 (19.7%)	8 (13.1%)	18 (27.3%)	2 (3.3%)	24 (36.4%)	17 (27.9%)	9 (13.6%)	18 (29.5%)	1 (1.5%)	1 (1.6%)
6)	54 (81.8%)	<b>57</b> (93.4%)	10 (15.1%)	3 (4.9%)	0 (0%)	0 (0%)	2 (3%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	1 (1.6%)
7)	7 (10.6%)	<b>35</b> (57.4%)	35 (53%)	23 (37.7%)	23 (34.8%)	2 (3.3%)	1 (1.5%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	1 (1.6%)
8)	30 (45.45%)	<b>32</b> (52.5%)	34 (51.5%)	18 (29.5%)	0 (0%)	3 (4.9%)	0 (0%)	2 (3.3%)	0 (0%)	2 (3.3%)	2 (3%)	4 (6.6%)
9)	1 (1.5%)	<b>5</b> (8.2%)	20 (30.3%)	3 (4.9%)	10 (15.1%)	4 (6.6%)	27 (40.1%)	23 (37.7%)	7 (10.6%)	24 (39.3%)	1 (1.5%)	2 (3.3%)
10)	7 (10.6%)	<b>30</b> (49.2%)	26 (39.4%)	25 (40.1%)	17 (25.7%)	6 (9.8%)	7 (10.6%)	0 (0%)	4 (6.1%)	0 (0%)	5 (7.6%)	0 (0%)

<sup>a</sup> Values listed indicate the number and the percentage of students providing this response to the overall students that completed the questionnaire. Likert Scale 5 = strongly agree to 1= strongly disagree. Overall mean response is listed in parenthesis. <sup>b</sup> The survey items correspond to the questions depicted in plain text. <sup>c</sup> The number displayed in italics indicates the answers before the workshop while the number displayed in bold indicates the answers after the workshop.

**Tab. S2.** Online post-workshop survey for year-two pharmacy students (N=21)<sup>a</sup>

Survey item	No.	%
1) On a scale of 1–5 where 5 is excellent, how would you rate the workshop overall?		
1:	1	4.80%
2:	0	0.00%
3:	2	9.50%
4:	10	47.60%
5:	8	38.10%
2) How would you rate the learning opportunities provided (5 = excellent)		
1:	0	0.00%
2:	1	4.80%
3:	0	0.00%
4:	12	57.10%
5:	8	13.10%
3) Would you welcome similar integrated workshops		
Yes:	21	100%
No:	0	0%
Don't care:	0	0%
4) Was the length (2 h) right?		
Right:	15	71.40%
Too short:	3	14.30%
Too long:	3	14.30%
5) The workshop gave me the opportunity to learn more about the origin of drugs		
Yes – I learned a lot:	17	81%
Yes – I learned a little:	4	19%
No:	0	0.00%
6) The workshop helped me to learn more about the chemical nature and properties of drugs		
Yes – I feel much more knowledgeable:	14	66.70%
Yes – A little:	7	33.30%
No:	0	0.00%
7) The workshop helped me with some numerical principles such as mmol and ppm		
Yes – very helpful:	14	66.70%
Yes – but I still need more support:	7	33.30%
No:	0	0.00%
8) The workshop helped me to understand where to look for information I need		
Yes:	14	66.70%
No:	7	33.30%
9) The workshop helped to appreciate the overall integration of subject matter across the curriculum		
Yes – definitively:	13	61.90%
Yes – quite helpful:	8	38.10%
No:	0	0.00%
10) Please make any other comment (good or bad) you think would help us when planning future workshops.		

<sup>a</sup> Values listed indicate the number and the percentage of students providing this response online. Likert Scale 5 = strongly agree to 1= strongly disagree.