

CORRECTION

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# Correction to: agitation-dependent biomechanical forces modulate GPVI receptor expression and platelet adhesion capacity during storage

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Following publication of the original article [1], it was reported that Fig. 2, Fig. 6 and Table 1 contained several typographical errors. A table header and a label in both figures were incorrectly labelled 'MAN' instead of 'MM'.

The corrected figures and table are included in this Correction article and the original article [1] has been updated.

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#### Reference

1. Hosseini E, Solouki A, Haghshenas M, Ghasemzadeh M, Schoenwaelder SM. Agitation-dependent biomechanical forces modulate GPVI receptor expression and platelet adhesion capacity during storage. *Thrombosis J.* 2022;20(1):3. <https://doi.org/10.1186/s12959-021-00359-7>.

The original article can be found online at <https://doi.org/10.1186/s12959-021-00359-7>.

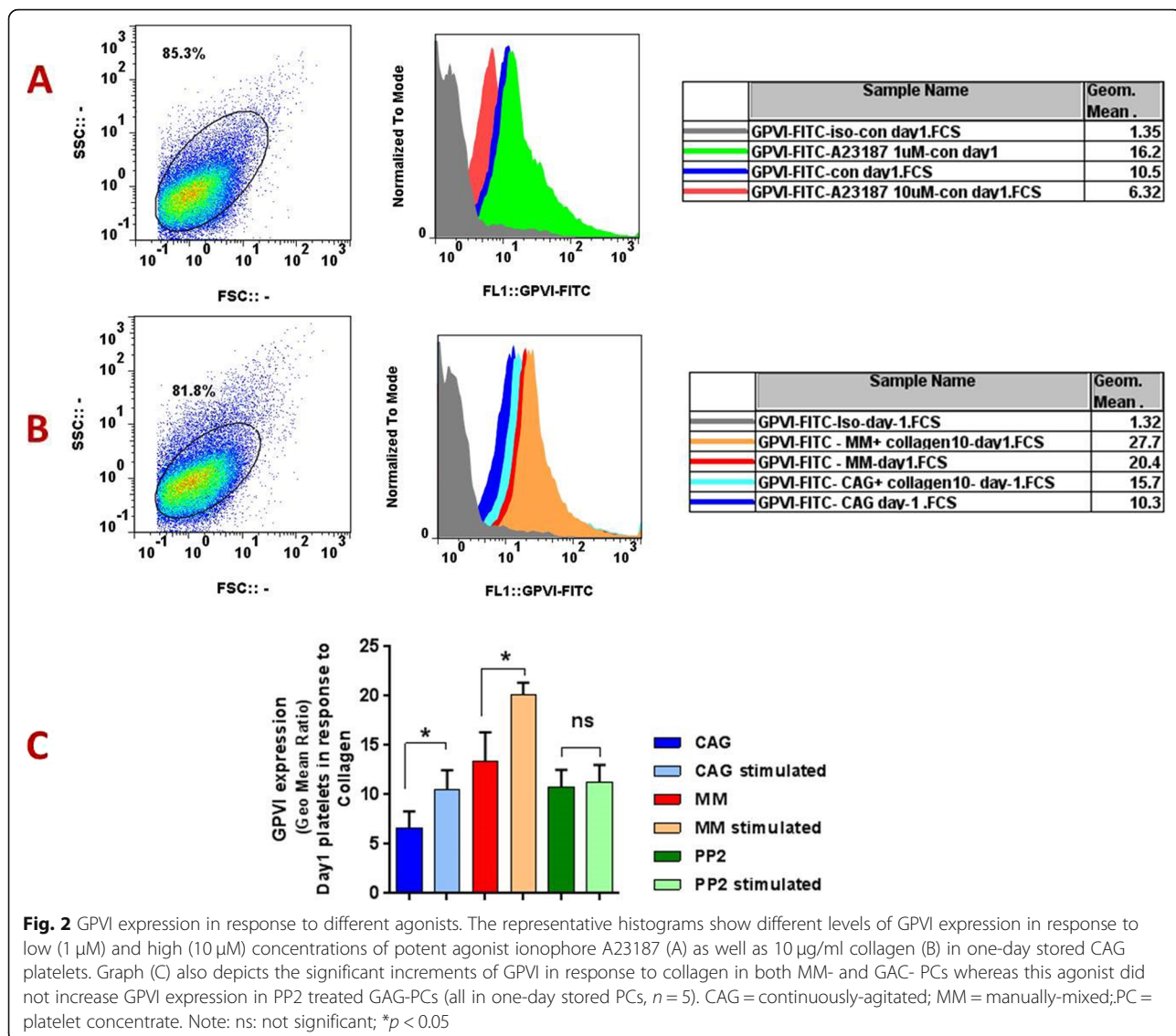
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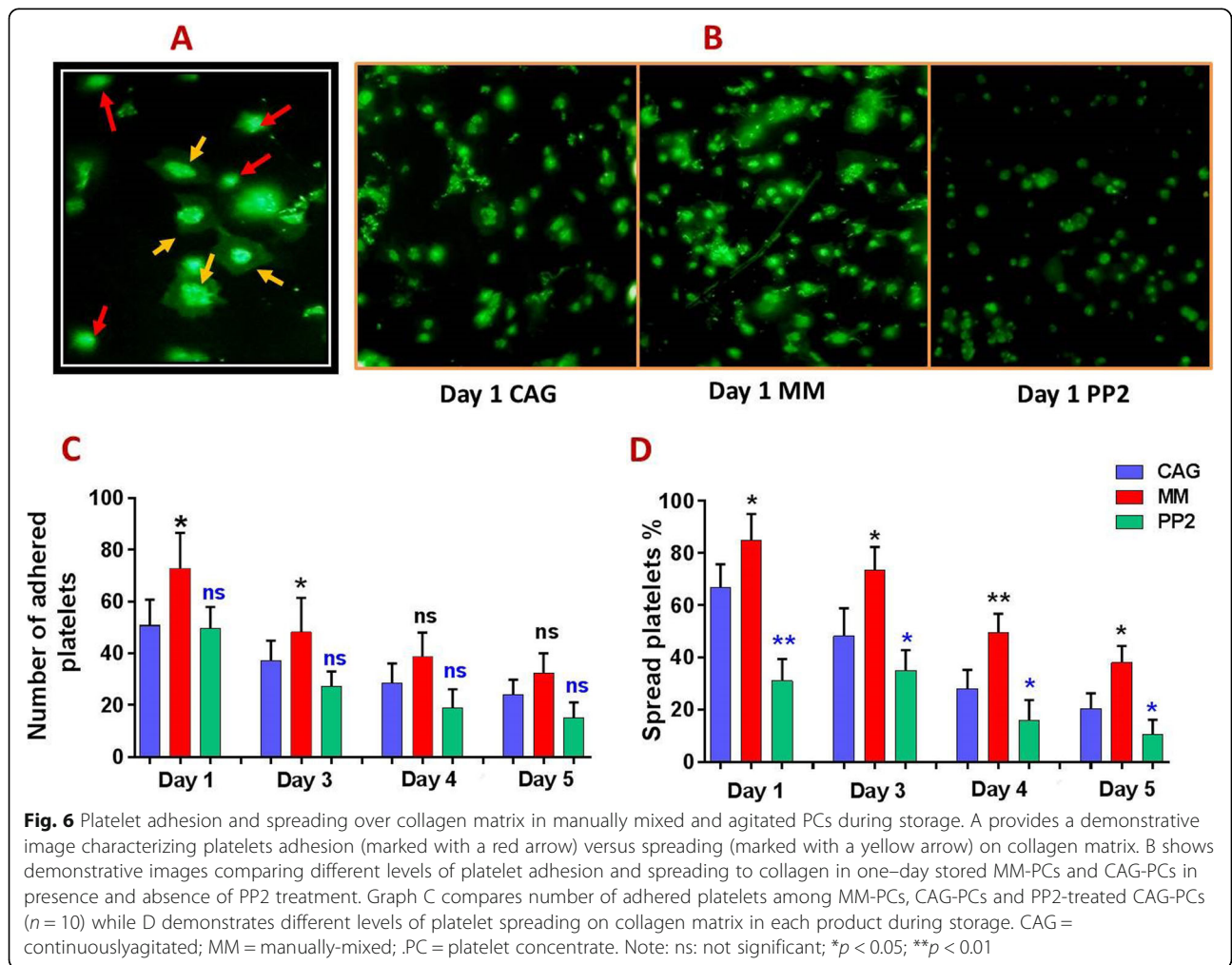
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**Fig. 2** GPVI expression in response to different agonists. The representative histograms show different levels of GPVI expression in response to low (1  $\mu$ M) and high (10  $\mu$ M) concentrations of potent agonist ionophore A23187 (A) as well as 10  $\mu$ g/ml collagen (B) in one-day stored CAG platelets. Graph (C) also depicts the significant increments of GPVI in response to collagen in both MM- and GAG- PCs whereas this agonist did not increase GPVI expression in PP2 treated GAG-PCs (all in one-day stored PCs,  $n = 5$ ). CAG = continuously-agitated; MM = manually-mixed; PC = platelet concentrate. Note: ns: not significant;  $*p < 0.05$



**Table 1** Swirling scores and pH levels of PCs under the conditions of manually mixing (MM), continuing agitation (CAG) and CAG with PP2 treatment

Sample	Swirling			pH		
	CAG	MM	PP2	CAG	MM	PP2
Day						
1	3+	3+	2-3+	7.52 ± 0.09	7.31 ± 0.06	7.41 ± 0.1
3	2-3+	3+	1-2+	7.59 ± 0.08	7.15 ± 0.08	7.52 ± 0.07
4	2+	2-3+	1+	7.41 ± 0.05	6.92 ± 0.09	7.36 ± 0.08
5	2+	2+	1+	7.26 ± 0.09	6.75 ± 0.06	7.19 ± 0.07