

## Erratum to: Heparan sulfate expression is affected by inflammatory stimuli in primary human endothelial cells

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**Erratum to: Glycoconj J (2012) 29:67–76**  
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The original version of this article unfortunately contained mistakes. The changes are as follows emphasized in **bold**:

Page 72:

”Treatment with TNF- $\alpha$  and TGF $\beta$ , on the other hand, resulted in a small decrease in the total amount of 6-O-sulfated glucosamine residues whereas IL-1 $\alpha$  treatment had the opposite effect.”

*Should read:*

”Treatment with TNF- $\alpha$  and **IL-1 $\alpha$** , on the other hand, resulted in a small decrease in the total amount of 6-O-sulfated glucosamine residues whereas **TGF $\beta$**  treatment had the opposite effect.”

Page 73, Table 1:

”TNF $\alpha$ ” should read ”**IL-1 $\alpha$** ”

”IL-1 $\alpha$ ” should read ”**TGF $\beta$** ”

”TGF $\beta$ ” should read ”**TNF $\alpha$** ”

The online version of the original article can be found at <http://dx.doi.org/10.1007/s10719-011-9365-y>.

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*Please find the correct version of Table 1 below*

Page 74, second paragraph:

”Finally, compositional analyses of 35S-HS disaccharides generated by low pH nitrous acid deamination demonstrated reduced total 6-O-sulfation after treatment with TNF- $\alpha$  and TGF- $\beta$  and a small increase with IL-1 $\alpha$ .”

*Should read:*

”Finally, compositional analyses of 35S-HS disaccharides generated by low pH nitrous acid deamination demonstrated reduced total 6-O-sulfation after treatment with TNF- $\alpha$  and **IL-1 $\alpha$**  and a small increase with **TGF- $\beta$** ”

Page 75, second paragraph:

”Results from the present study show that the 6-O-sulfation is changed when HUVEC were cultured with TNF- $\alpha$ , IL-1 $\alpha$  or IL-1 $\beta$  for only 24 h.”

*Should read:*

”Results from the present study show that the 6-O-sulfation is changed when HUVEC were cultured with TNF- $\alpha$ , **IL-1 $\alpha$**  or **TGF- $\beta$**  for only 24 h.”

The correct version of Table 1:

**Table 1** % of O-<sup>35</sup>S-sulfated disaccharides after the indicated treatments

Treatment	Total 2-O- <sup>35</sup> S containing disaccharides	Total 6-O- <sup>35</sup> S containing disaccharides
LG	92.8±1.5	32.2±4.9
HG	92.5±2.0	32.2±7.7
IL-1 $\alpha$	92.1±2.0	27.3±6.2
TGF $\beta$	91.6±2.1	34.5±8.0
TNF $\alpha$	93.5±1.6	28.4±6.1
IL-1 $\beta$	92.5±2.5	32.5±0.5