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Correction: *Juglans regia* and *Pfaffia paniculata* extracts: implications for periodontal disease treatment and correlation with Alzheimer's risk

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Porphyromonas endodontalis, neurodegenerative disease, dementia, herbal medicine, gram-negative anaerobes, inflammation, antimicrobial agents

A Correction on

Juglans regia and *Pfaffia paniculata* extracts: implications for periodontal disease treatment and correlation with Alzheimer's risk

By Miranda DG, Carrouel F, Attik N, Araujo GF, Dos Santos Lopes NF, Marcucci MC, Rodrigues FP, Caires GA, Vigerelli H, Godoi BH, Pacheco-Soares C and Ramos LP (2025). *Front. Cell. Infect. Microbiol.* 15:1585438. doi: 10.3389/fcimb.2025.1585438

There was a mistake in [Figure 1](#) as published. [Figure 1](#) should show the phytochemical analysis of the compounds, but it displays the graph from [Figure 5](#) (genotoxicity analysis). The correct figure that should appear as [Figure 1](#) is shown in [Figure 2](#).

There was a mistake in [Figure 2](#) as published. [Figure 2](#) should show the Antibiofilm action of *J. regia* and *P. paniculata*. The correct figure that should appear as [Figure 2](#) is shown in [Figure 4](#).

There was a mistake in [Figure 3](#) as published. [Figure 3](#) should show the phytochemical analysis of the compounds by *P. paniculata*. The correct figure that should appear as [Figure 3](#) is shown in [Figure 6](#).

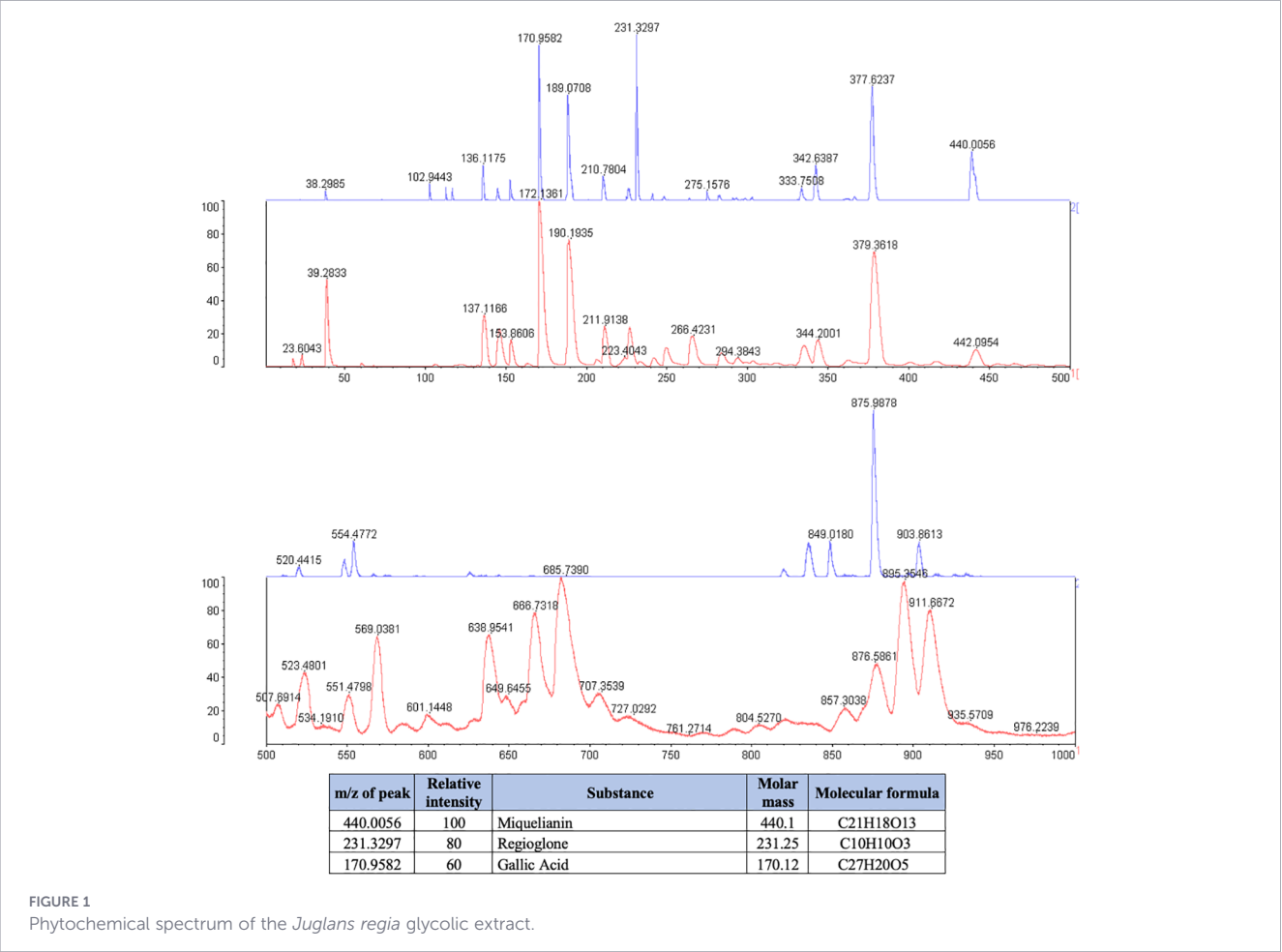
There was a mistake in Figure 4 as published. Figure 4 should show the Metabolic activity of *J. regia* and *P. paniculata* on Raw 264.7. The correct figure that should appear as Figure 4 is shown in Figure 3.

There was a mistake in Figure 5 as published. Figure 5 should show the Genotoxicity assay. The correct figure that should appear as Figure 5 is shown in Figure 1.

There was a mistake in Figure 6 as published. Figure 6 should show the *J. regia* ELISA immunoassay. The correct figure that should appear as Figure 6 is shown in Figure 5.

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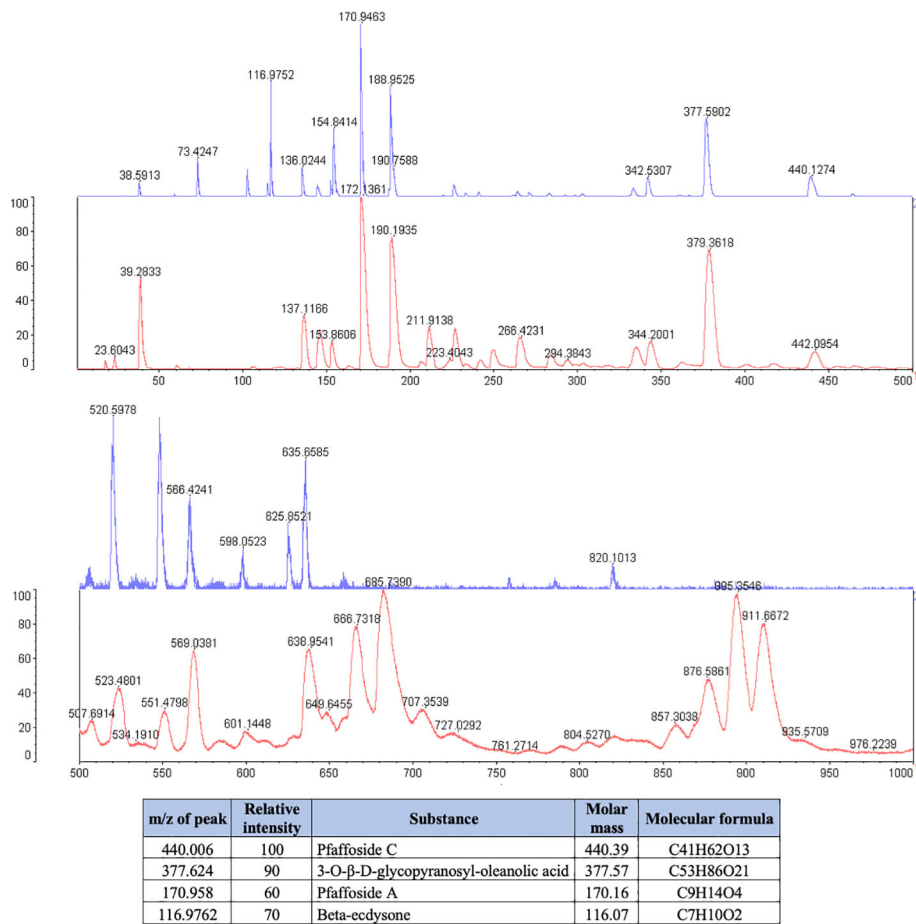
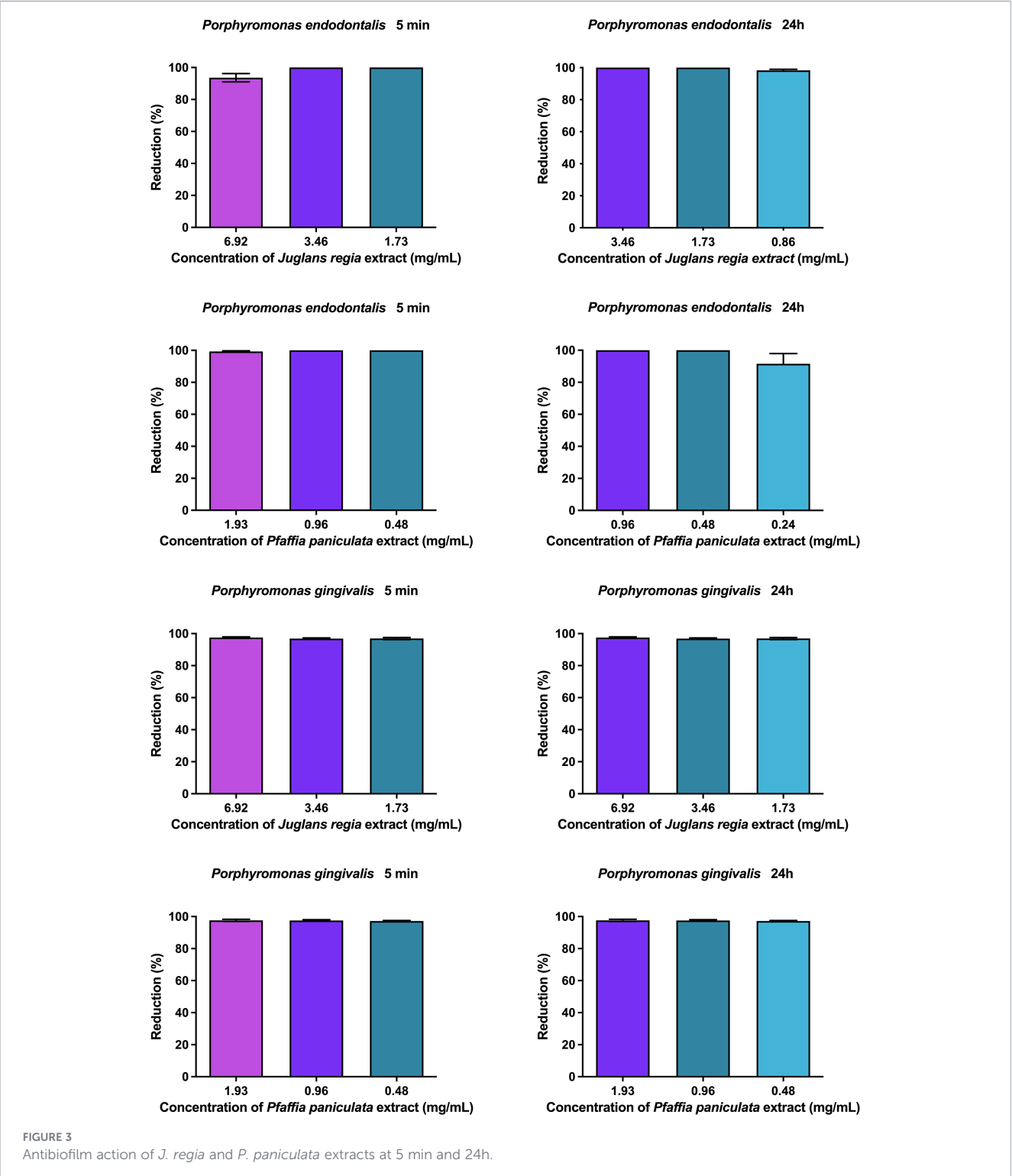


FIGURE 2
Phytochemical spectrum of the *Pfaffia paniculata* glycolic extract.



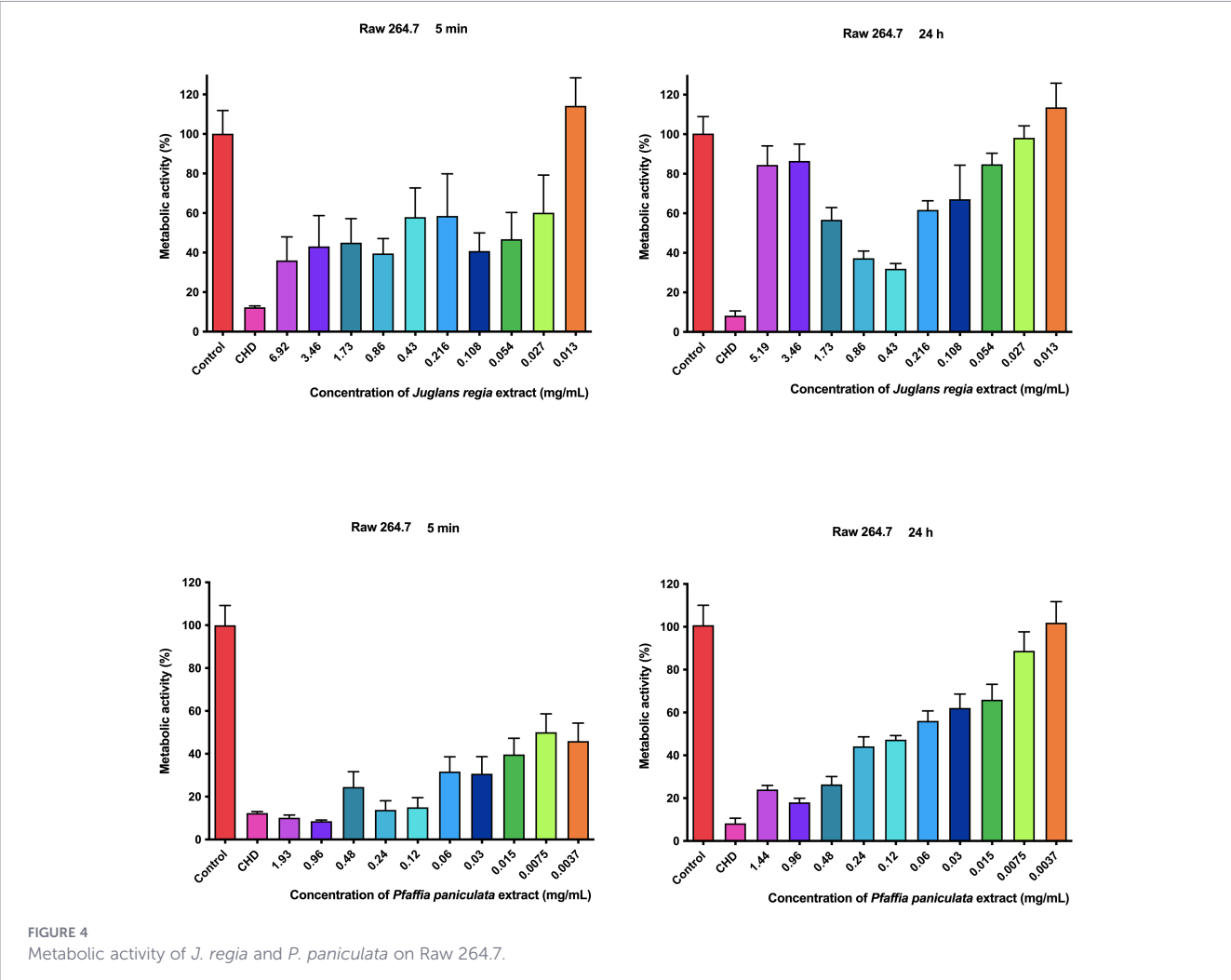


FIGURE 4
Metabolic activity of *J. regia* and *P. paniculata* on Raw 264.7.

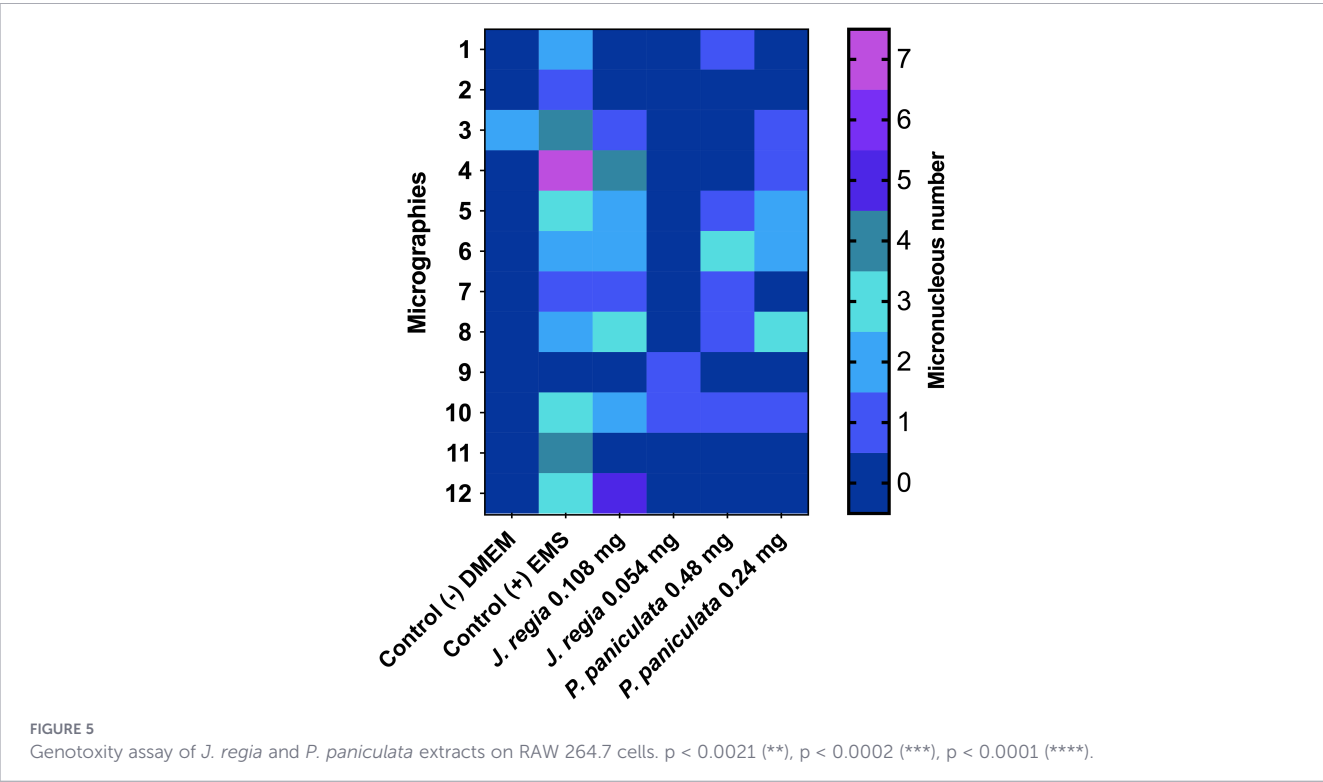


FIGURE 5
Genotoxicity assay of *J. regia* and *P. paniculata* extracts on RAW 264.7 cells. $p < 0.0021$ (**), $p < 0.0002$ (***), $p < 0.0001$ (****).

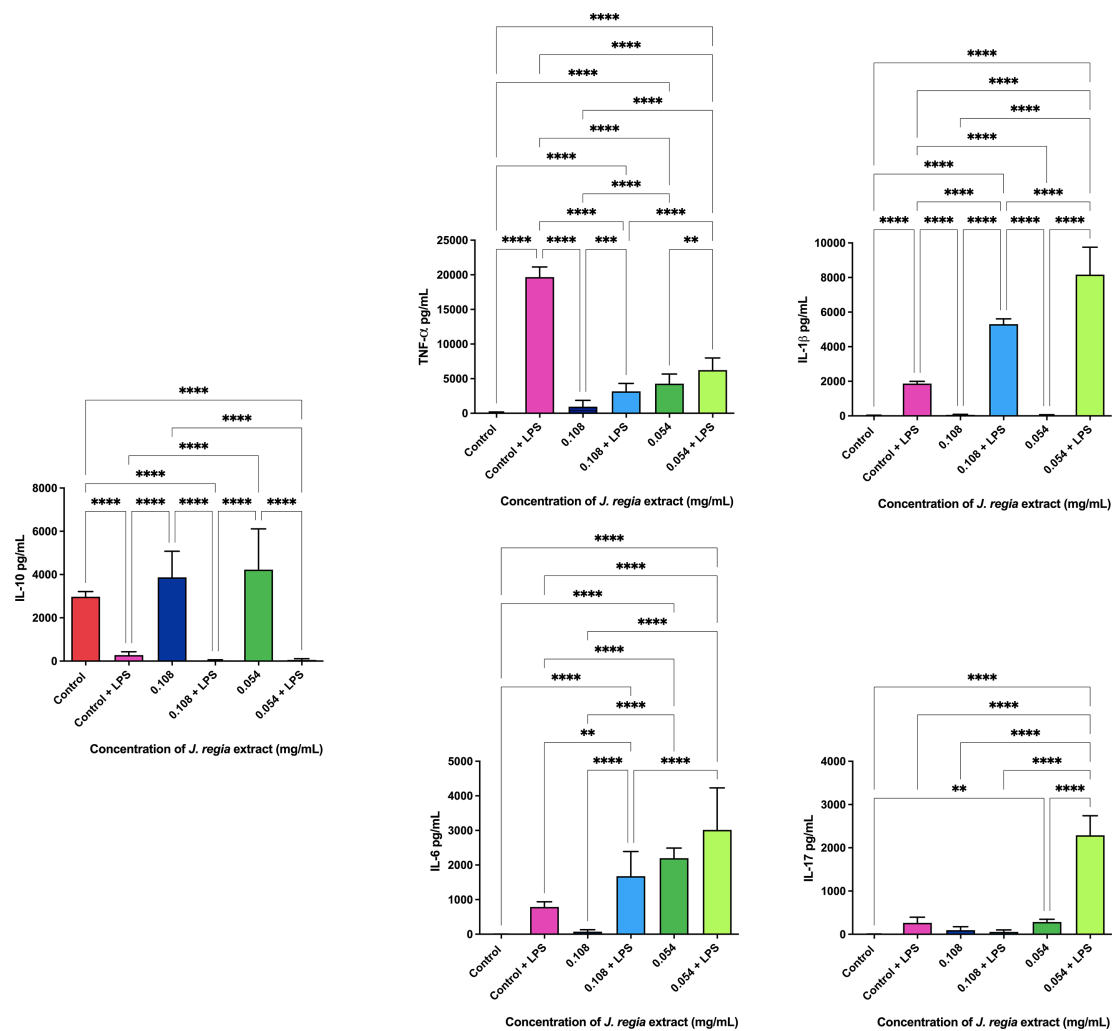


FIGURE 6
J. regia ELISA immunoassay.