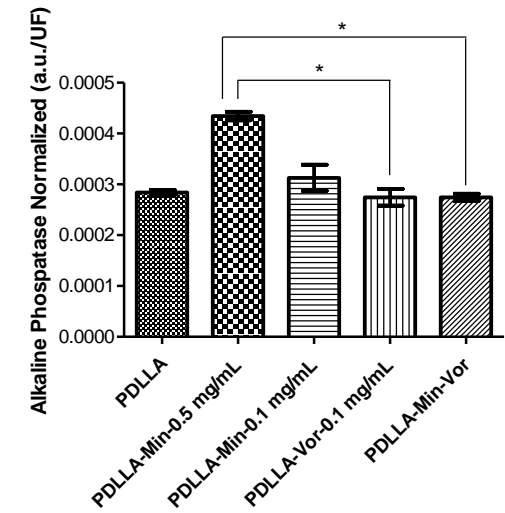
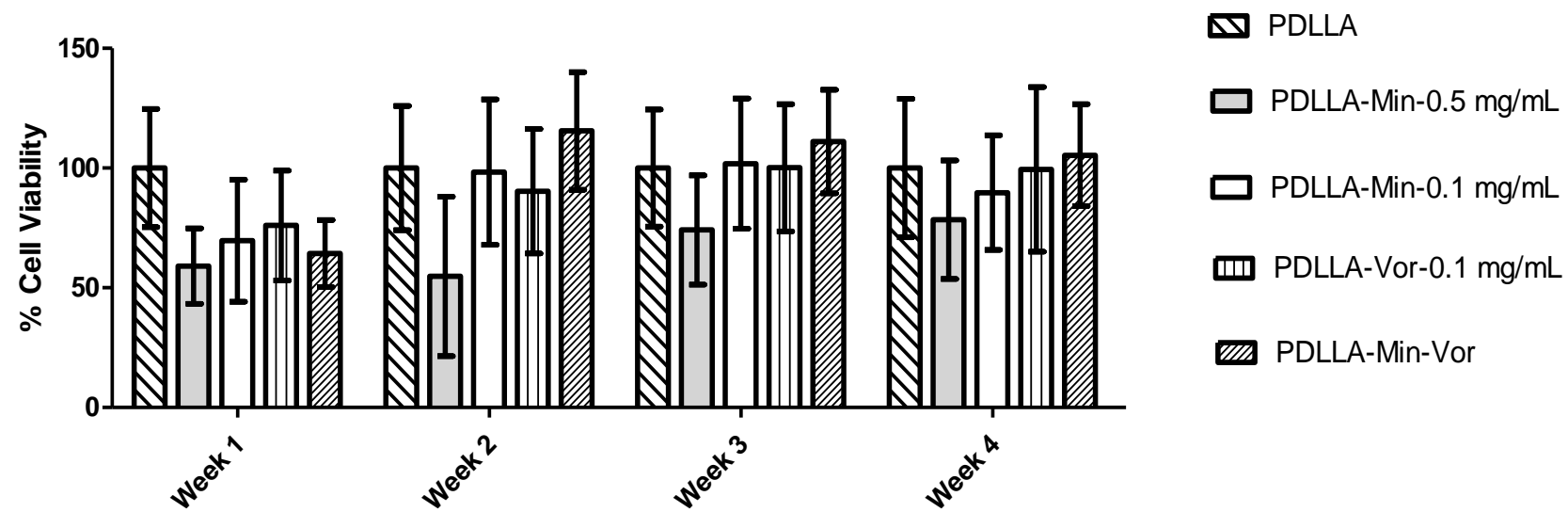


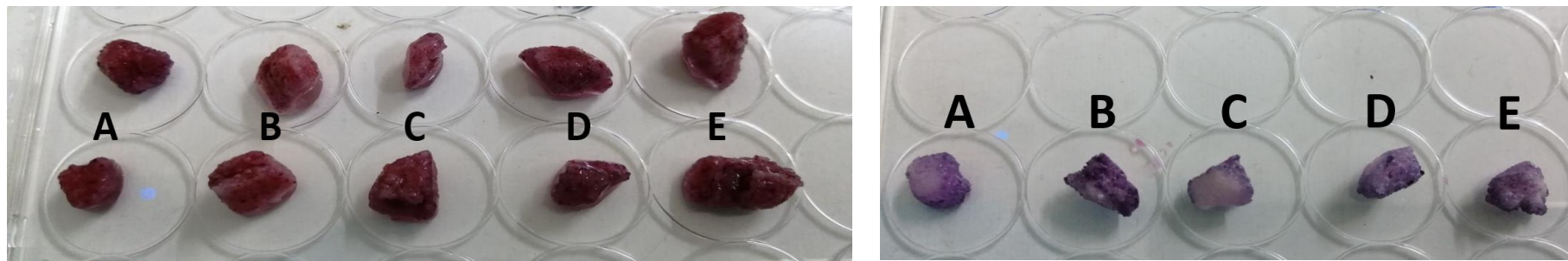
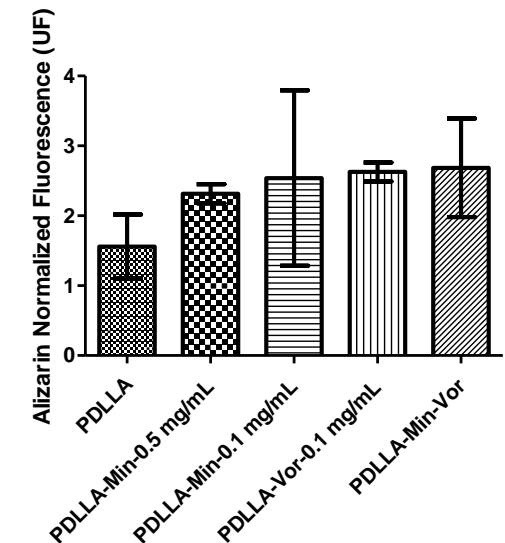
# In vitro cytocompatibility evaluation of poly(DL-lactic acid) scaffolds loaded with minocycline and voriconazole addressing osteomyelitis

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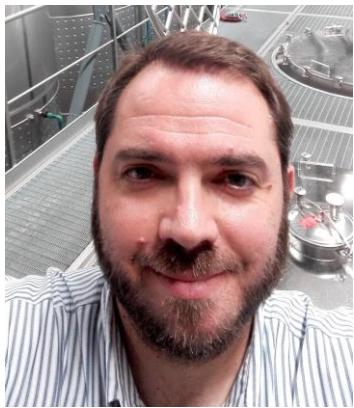


\* p < 0.05



**Qualitative evaluation of osteoblast activity through Alizarin Red (left) and ALP (right) assays** A – PDLLA, B - PDLLA-MH 0.5 mg/mL, C - PDLLA-MH 0.1 mg/mL, D - PDLLA-VCZ 0.1 mg/mL and E - PDLLA-MH-VCZ

**Conclusion:** Once the described scaffolds enhanced osteoblasts differentiation, matrix mineralization and evidenced no cytotoxic effects, they come to light as an auspicious alternative for local antimicrobial therapy addressing osteomyelitis prevention and therapeutics.



**Objectives:** In this work is proposed the cytocompatibility evaluation of an innovative system based in the dual delivery of minocycline (Min) and voriconazole (Vor), aiming bone infection therapeutics.