

Supplementary Material

## **Zinc-chelating compounds as inhibitors of human and bacterial zinc metalloproteases**

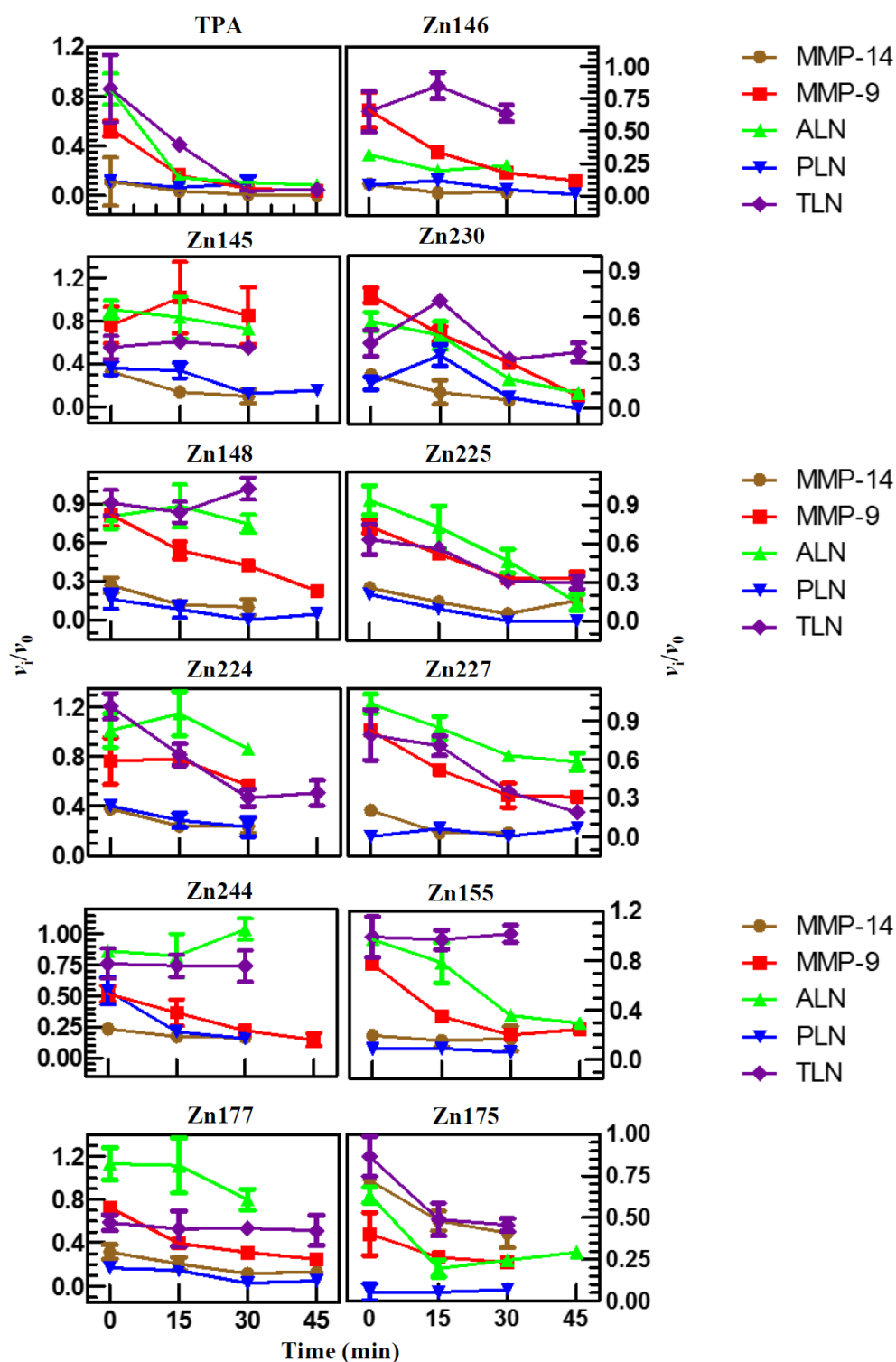
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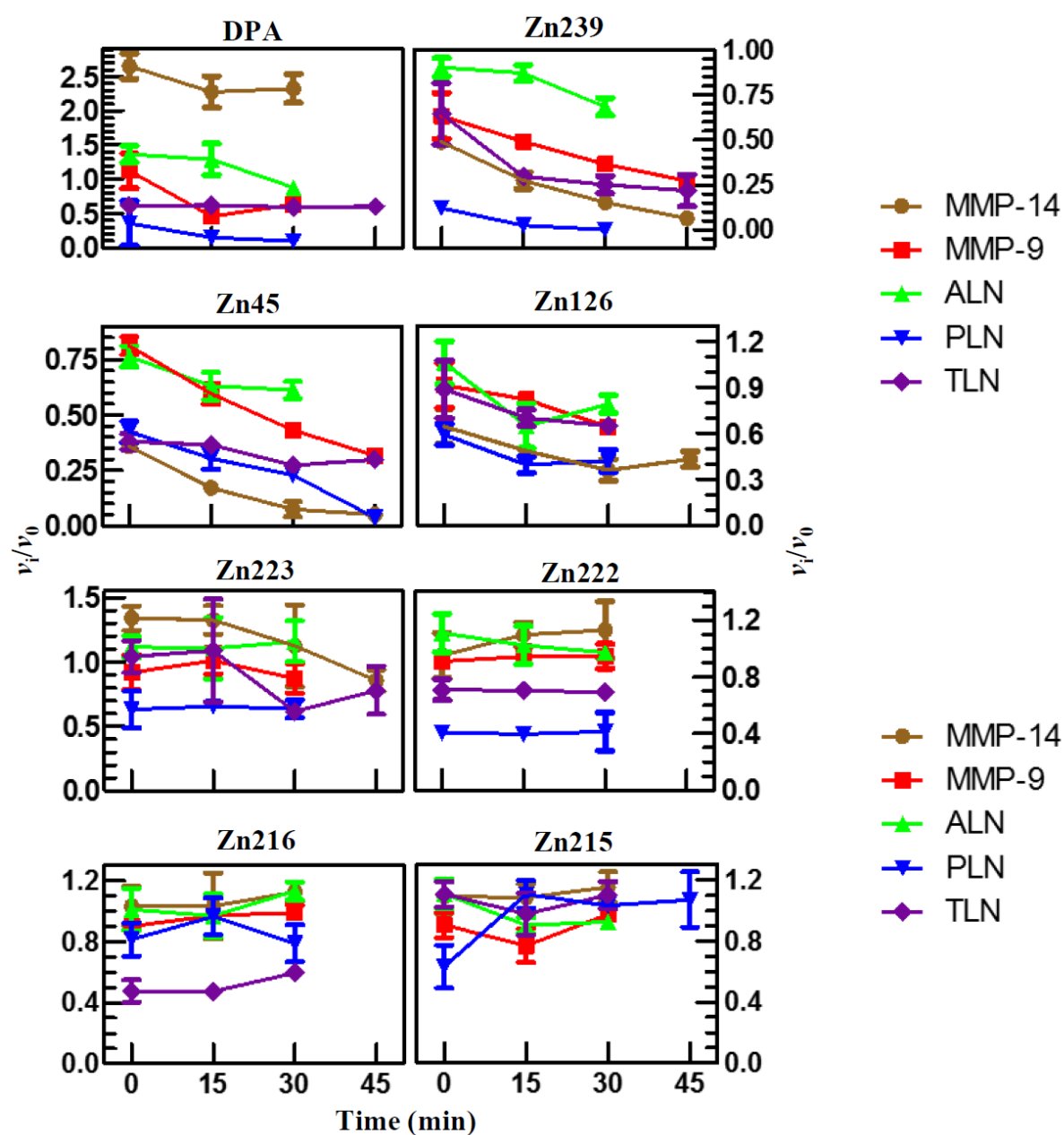
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Supplementary figure S1



**Figure S1.** Time dependent inhibitory effects of 100  $\mu\text{M}$  TPA derivatives on the activity of MMP-9, MMP-14, TLN, PLN and ALN. The inhibition experiments were performed as described in Materials and Methods using a concentration of 4  $\mu\text{M}$  of the MMP-9 and MMP-14 substrate McaPLGL(Dpa)AR-NH<sub>2</sub> and the ALN, PLN and TLN substrate McaRPPGFSAFK(Dnp)-OH, except for ALN, where 5  $\mu\text{M}$  was used. The  $v_i/v_0$  (mean  $\pm$  s.d.) were based on 3-6 experiments.

Supplementary figure S2



**Figure S2.** Time dependent inhibitory effects of 100  $\mu$ M DPA, TPEN, pyridine and thiophene derivatives on the activity of MMP-9, MMP-14, TLN, PLN and ALN. The inhibition experiments were performed as described in Materials and Methods using a fixed concentration of 4  $\mu$ M of the MMP-9 and MMP-14 substrate McaPLGL(Dpa)AR-NH<sub>2</sub> and the ALN, PLN and TLN substrate McaRPPGFSAFK(Dnp)-OH. For ALN 5  $\mu$ M was used. The  $v_i/v_0$  (mean  $\pm$  s.d.) were based on 3-6 experiments.