

Oleoresins and naturally occurring compounds of *Copaifera* genus as antibacterial and antivirulence agents against periodontal pathogens

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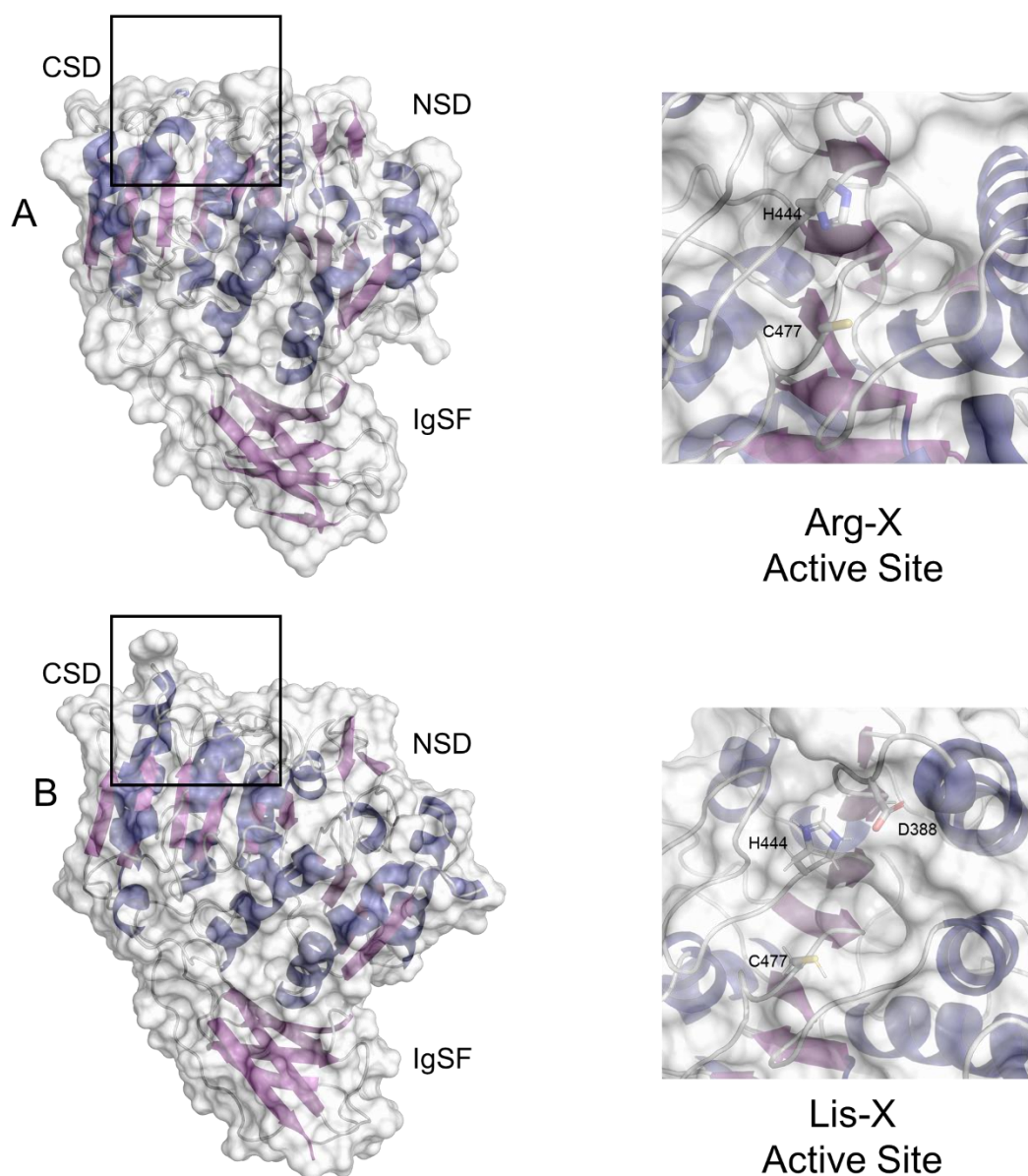


Figure S1. Illustration of the target proteins A. Arg-X (PDB ID 1CVR) and B. Lis-X gingipain (PDB ID 6I9A) from *P. gingivalis*. The active sites of each enzyme are also shown. For Arg-X, H444 and C477 form the catalytic dyad, while for the Lis-X enzyme the catalytic triad is composed by H444, C477 and D388, as shown in recent studies.¹

Reference

1. Guevara, T. *et al.* Structural determinants of inhibition of *Porphyromonas gingivalis* gingipain K by KYT-36, a potent, selective, and bioavailable peptidase inhibitor. *Sci. Rep.* **9**, 4935 (2019).