

- Past attempts to inhibit Cks1–Skp2 interaction with small molecules yielded unsatisfying results.

- Protein–protein interactions are challenging to target using small molecules due to large and flat interfaces.

Jones S, Thornton JM, *Proc. Natl. Acad. Sci. U.S.A.* **93**, 13-20 (1996)

Ungermannova, D. et al., *J. Biomol. Screen.* **18**, 910-920 (2013)

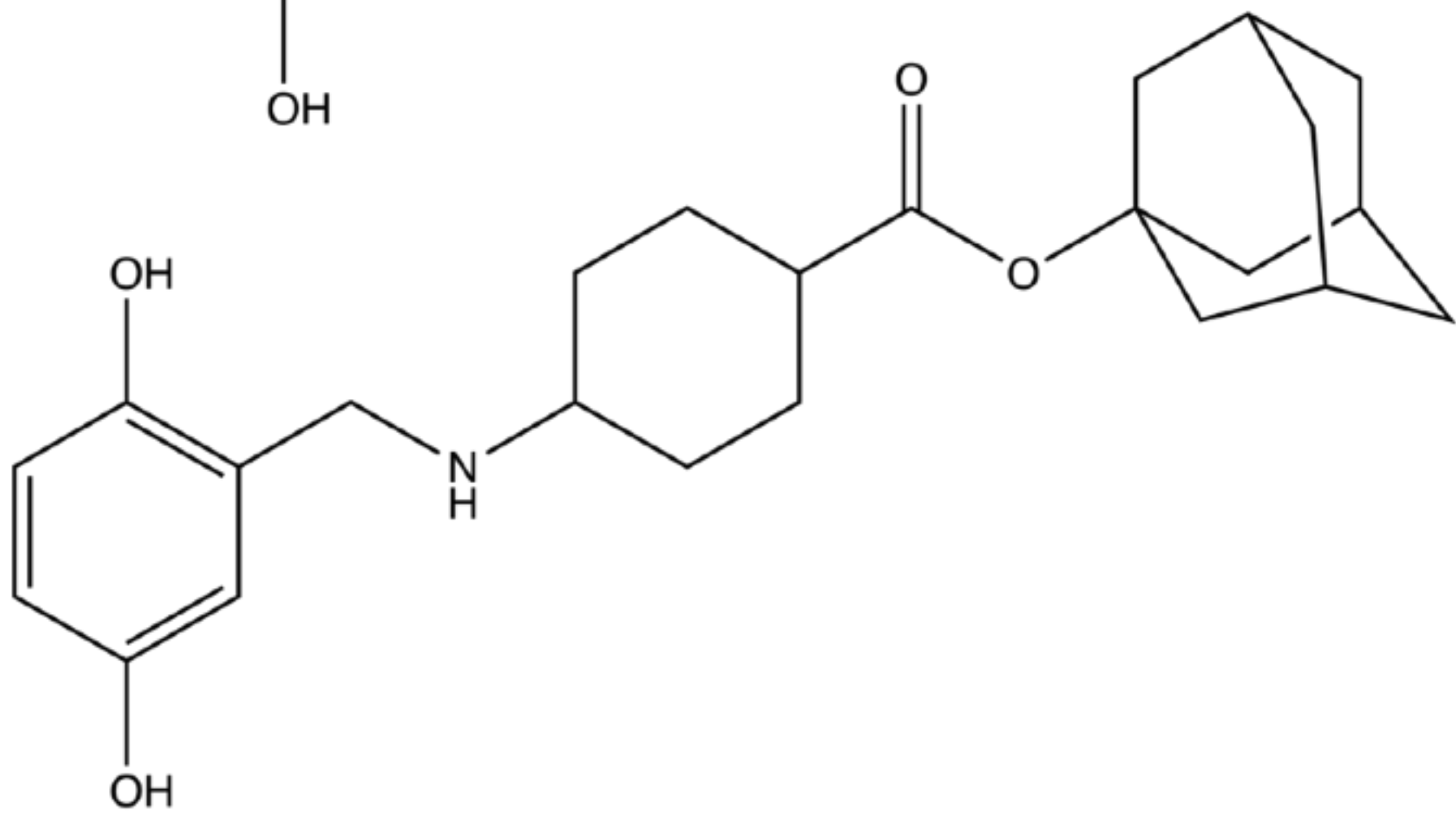
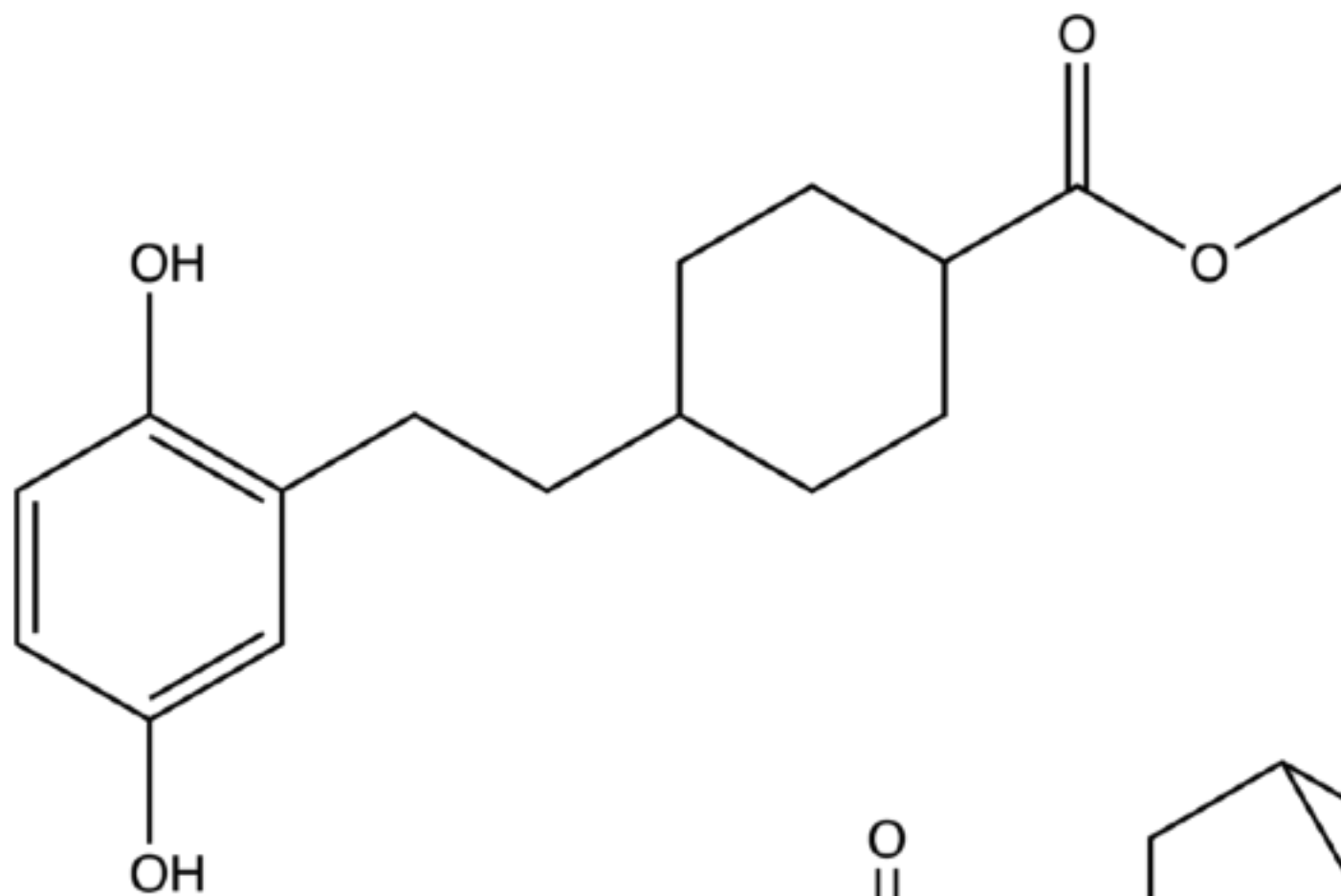
Background

Project Description

Results

Conclusion

Small molecules are insufficient to inhibit Cks1-Skp2



models due to large and flat

resuits.

models yield unsatisfying

• Past attempts to inhibit Cks1-

interfaces.

skip interaction with snail

challenging to target using small

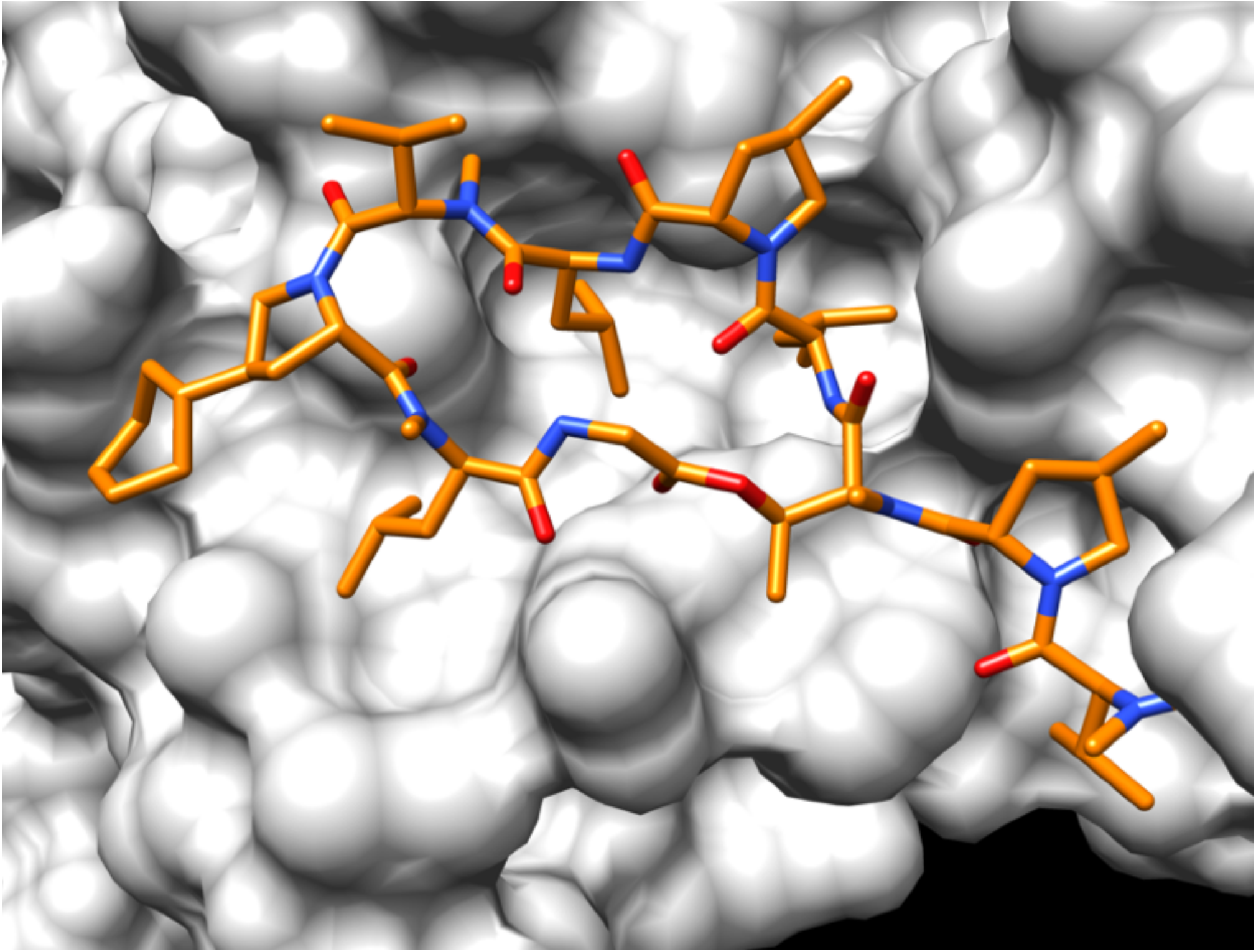
• Protein-protein interactions are

Ungeranova, D. et al. *J. Biol. Screen.* 18, 910–920 (2013)

Jones S, Thornton JNM, *Proc Natl Acad Sci U S A* 93, 113-120 (1996)

A. King et al., *Science* 348, 1106-1112 (2015)

Cyclic peptides bind proteins with high affinity



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