

Chemspace RNA-targeted library

RNAs participate in more cell mechanisms than it has been thought before. Aside from transferring information from the DNA, this type of biomolecules appears to affect numerous cell processes: very small part of the transcripts actually codes proteins.

Targeting RNA with small molecules was suggested after discovering “druggability” of the nucleic acids similar to that of proteins. The targeting could be aimed at cell processes in humans or blocking RNA functions in bacteria or viruses.

Starting with Chemspace Screening collection, we focused on **15 binding motifs** in different RNAs associated with bacterial and viral infections.

- Both ligand- and target-based approach
- Annotations to the target and docking score are available

Library size:

4 572 in-stock compounds

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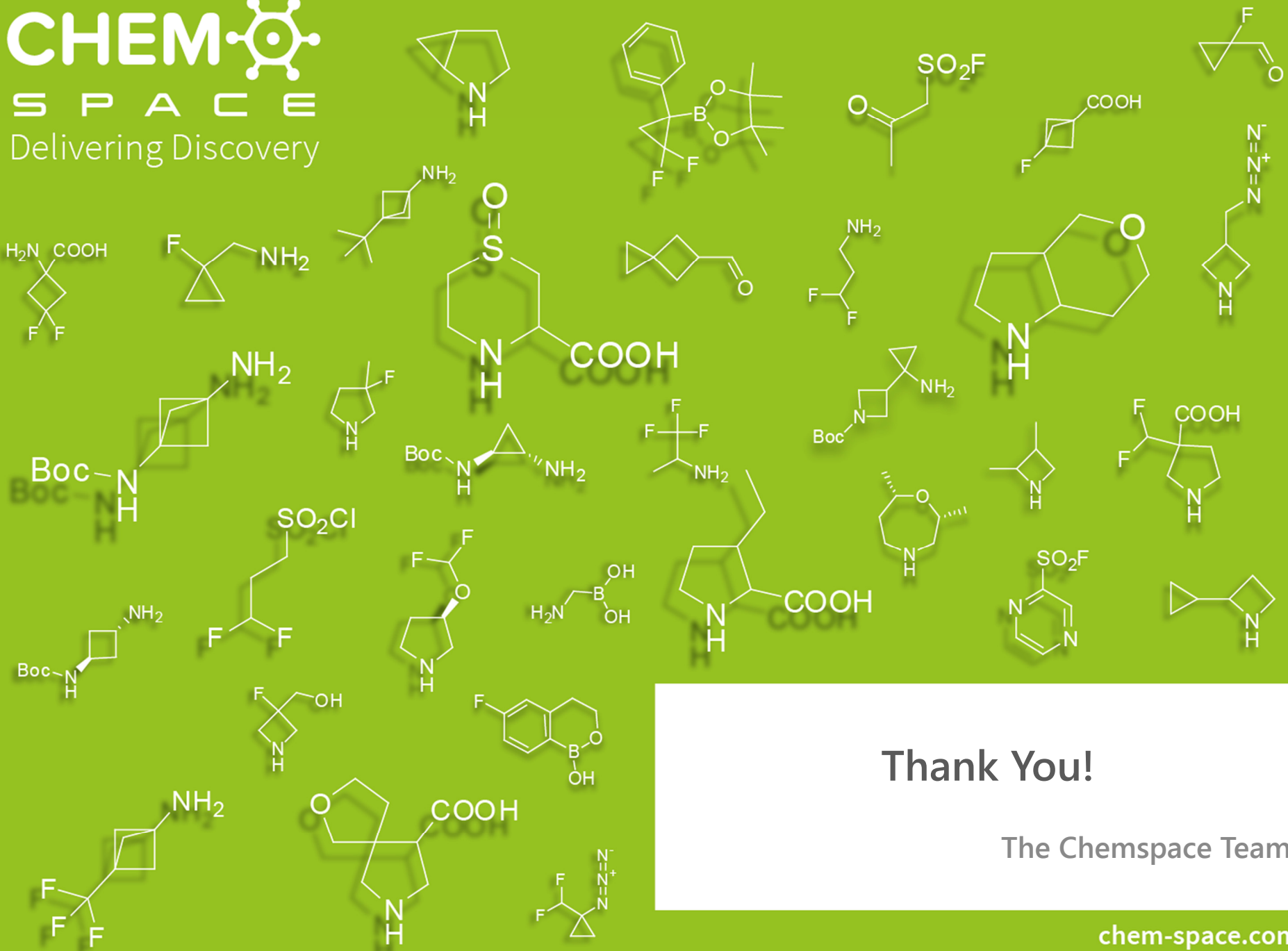
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Thank You!

The Chemspace Team