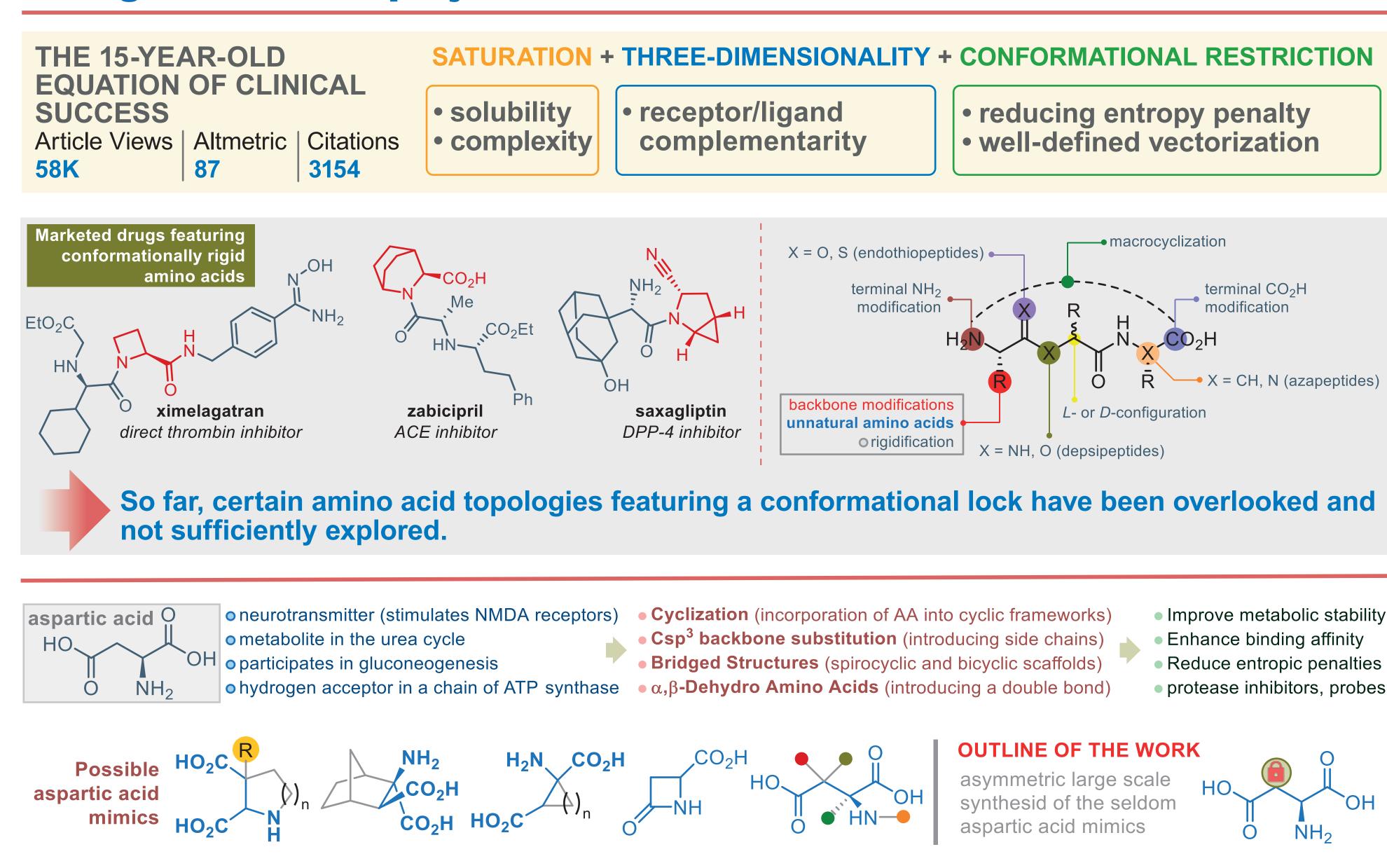
# Easy access to enantiopure aspartic acids featuring conformational lock



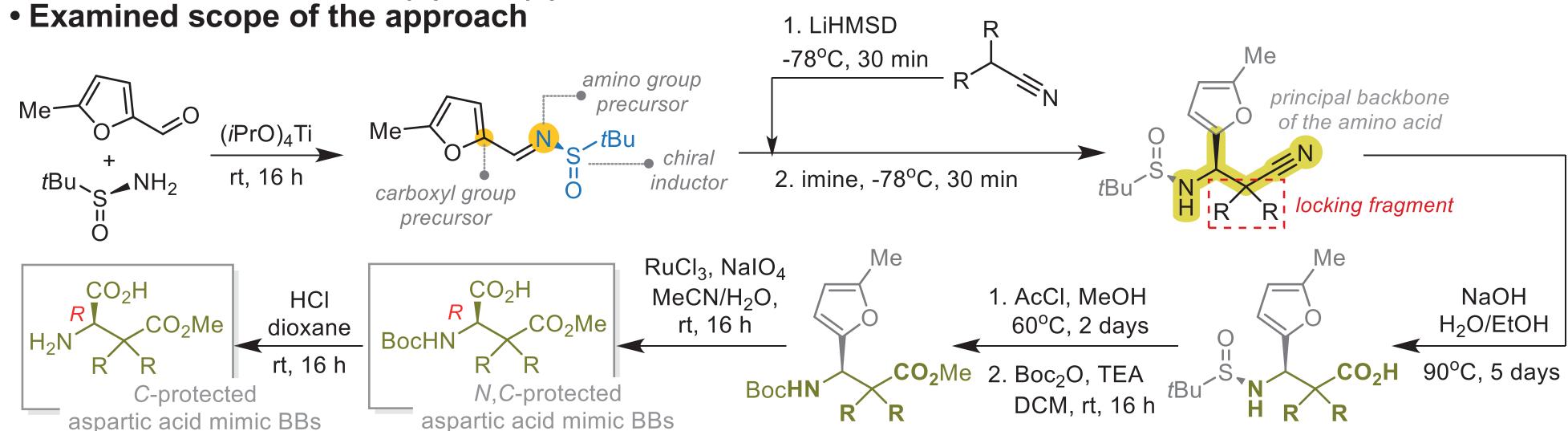
Yelyzaveta Zvarych, Oleksandr Kucher, Dmytro Volochnyuk, Serhiy Ryabukhin

### **Background of the project**



## Outline of the synthetic results

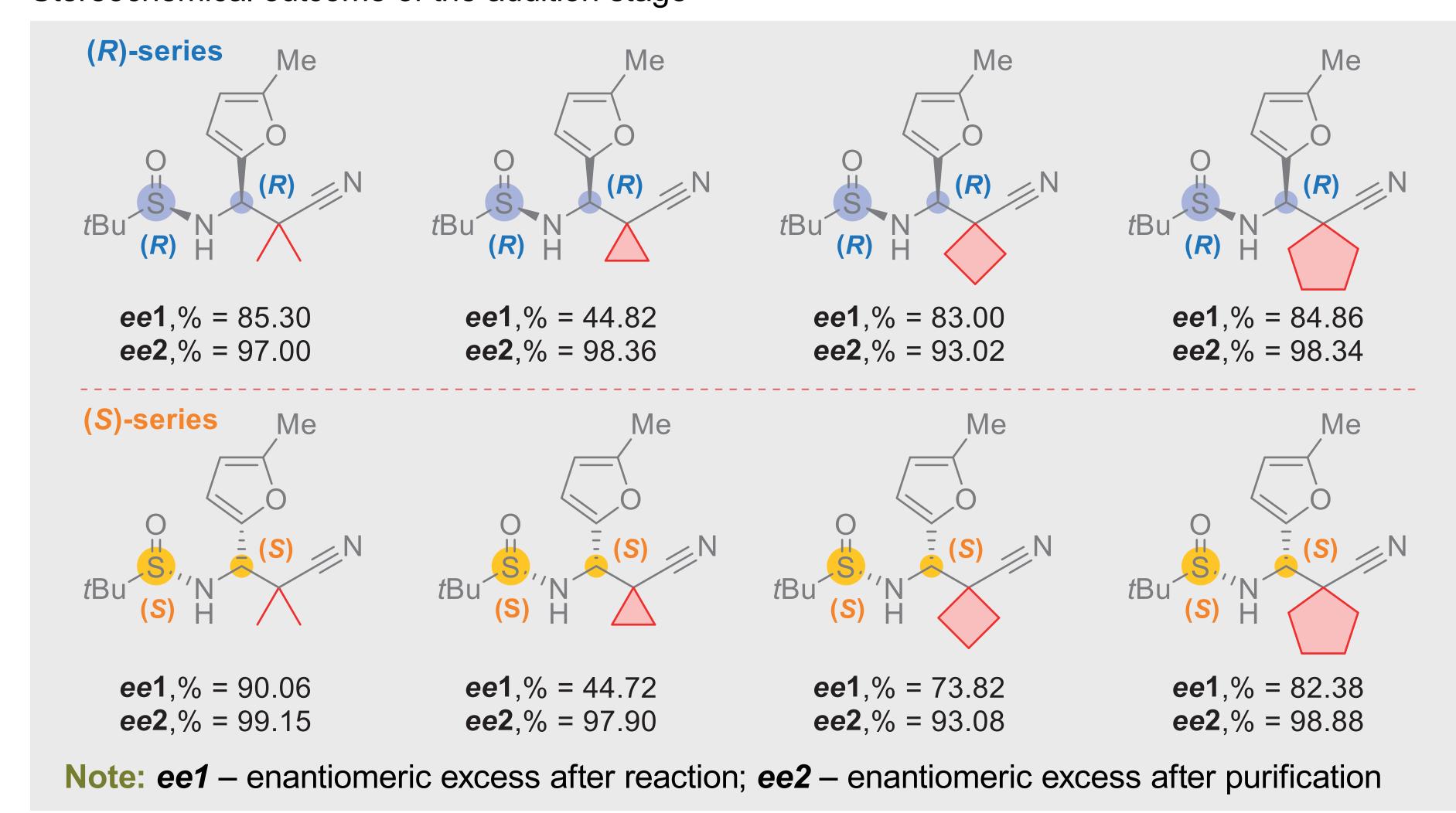
- Elegant synthetic decision
- Effective access to both (R) and (S) enantiomers



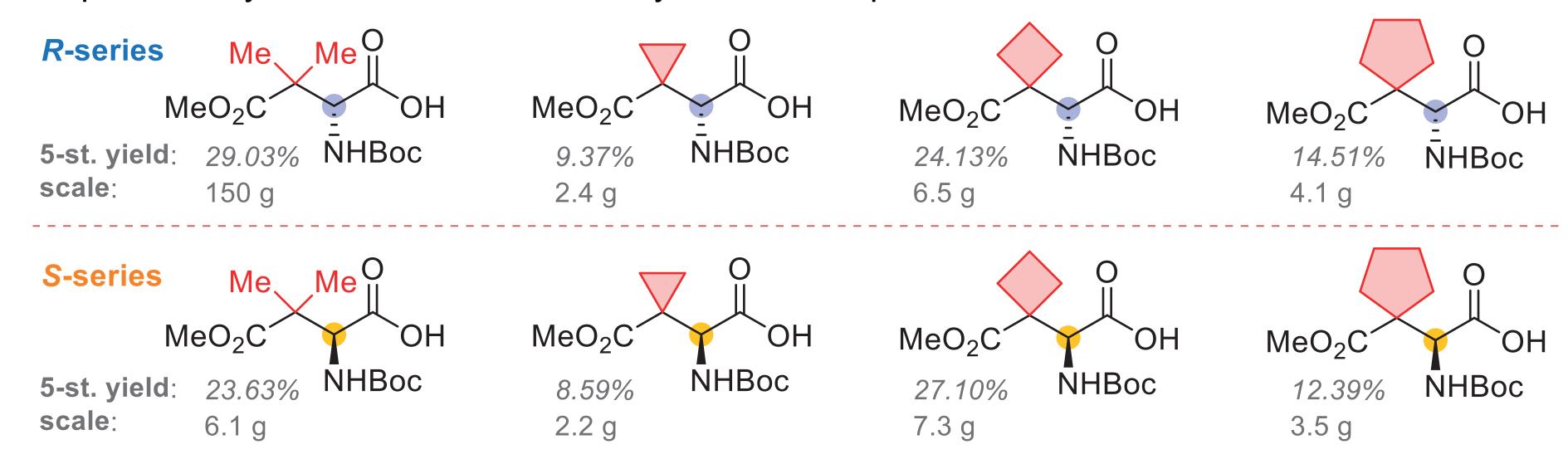
## Contact

Serhiy V. Ryabukhin, Prof. Dr. Sci., s.v.ryabukhin@gmail.com Dmytro M. Volochnyuk, Prof. Dr. Sci., d,volochnyuk@gmail.com

## Stereochemical outcome of the addition stage



Scope of the synthesized conformationally restricted aspartic acids



#### LIMITATION

Application of the approach to higher cycloalkane analogs is currently limited by the nitrile hydrolysis step, which is accompanied by the disassembling of the molecule

