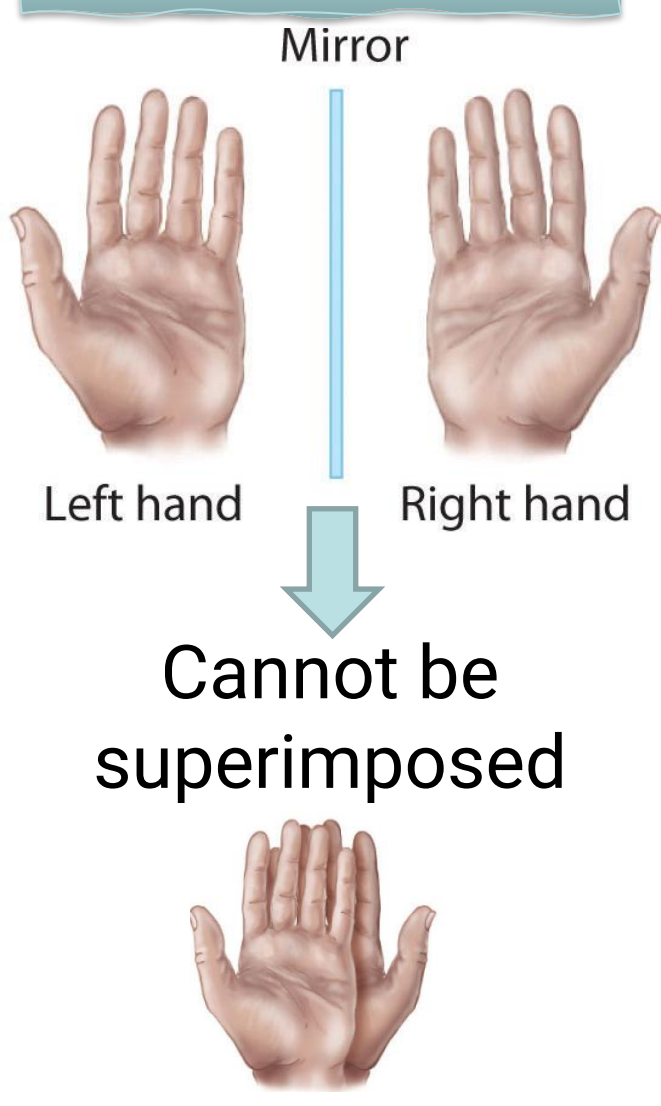
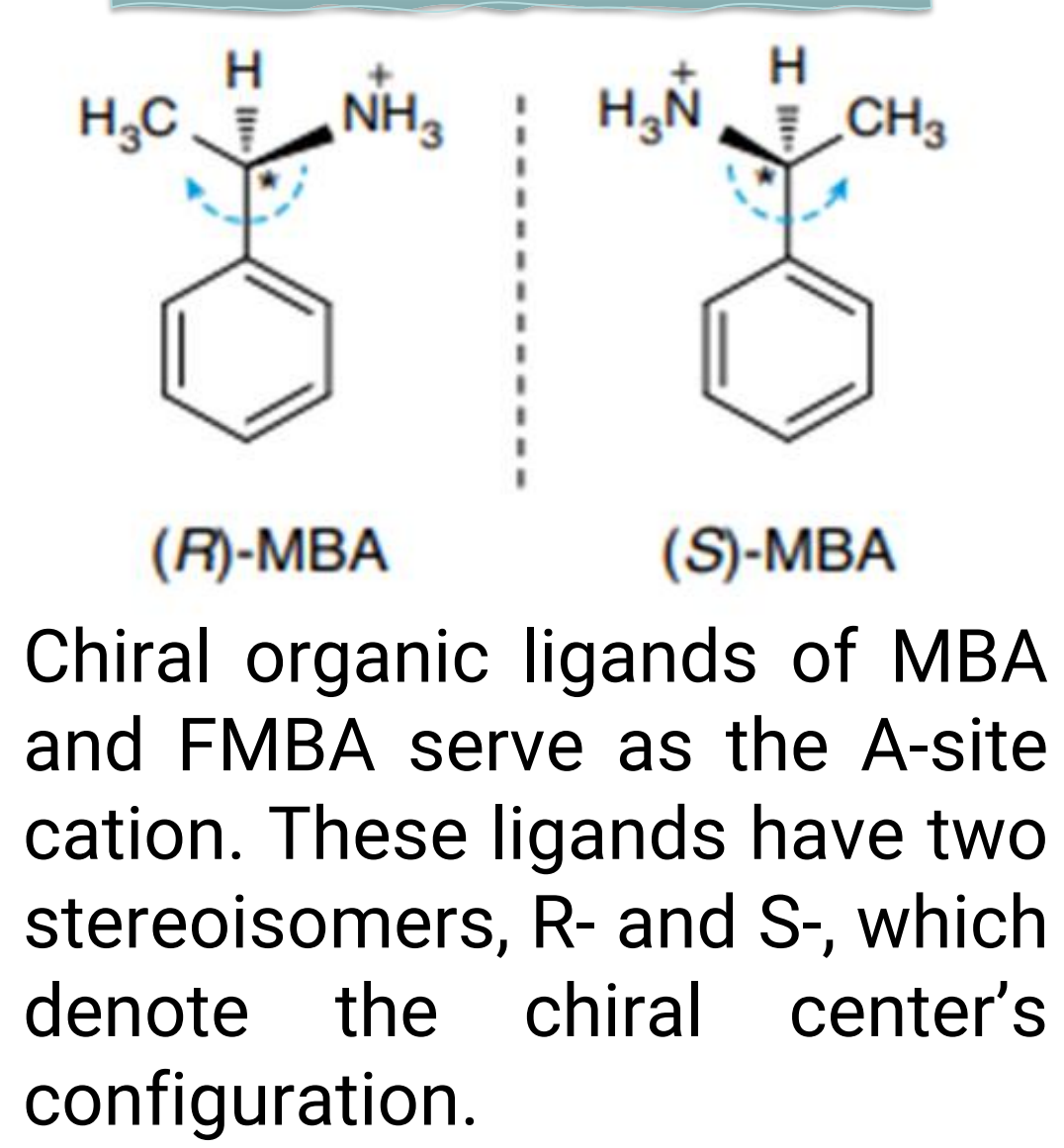


## Introduction

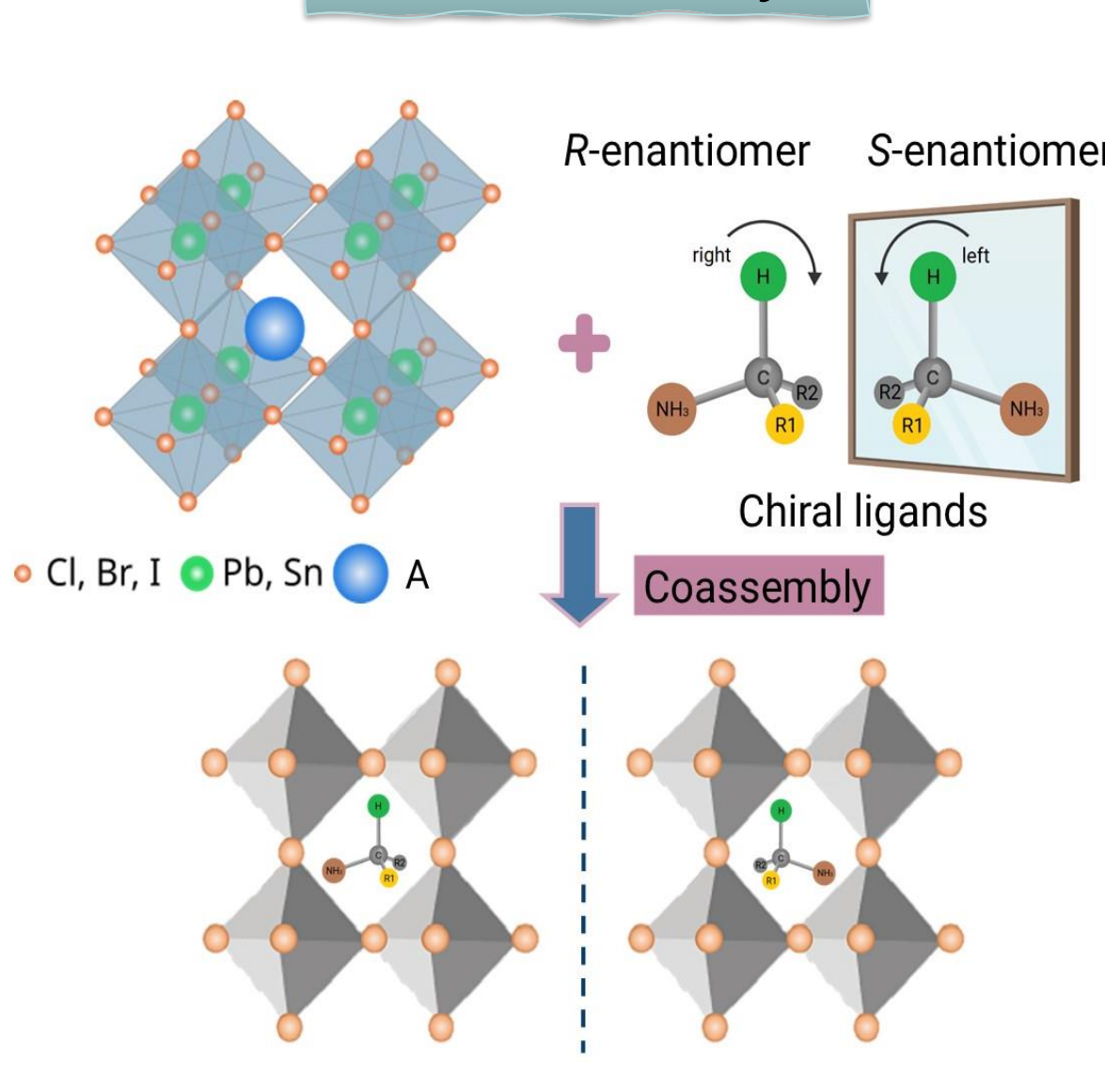
### About chiral



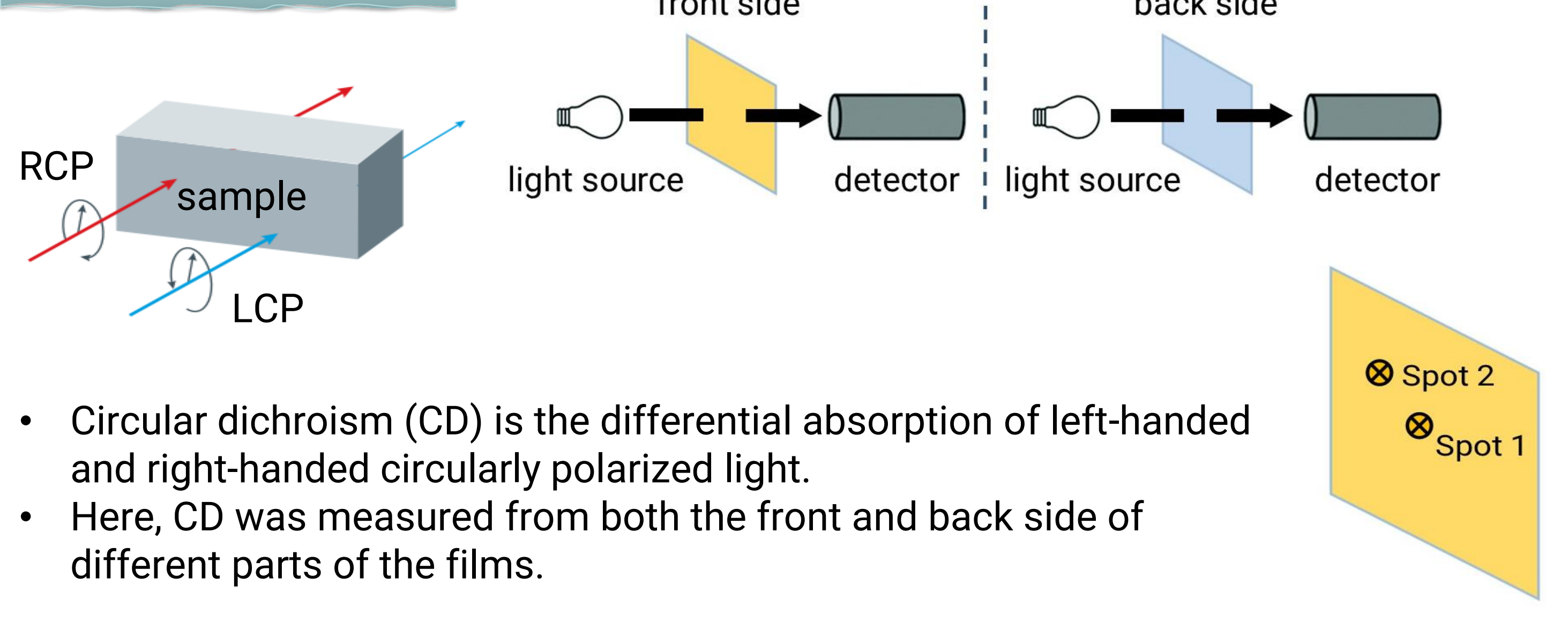
### A-site chiral cations



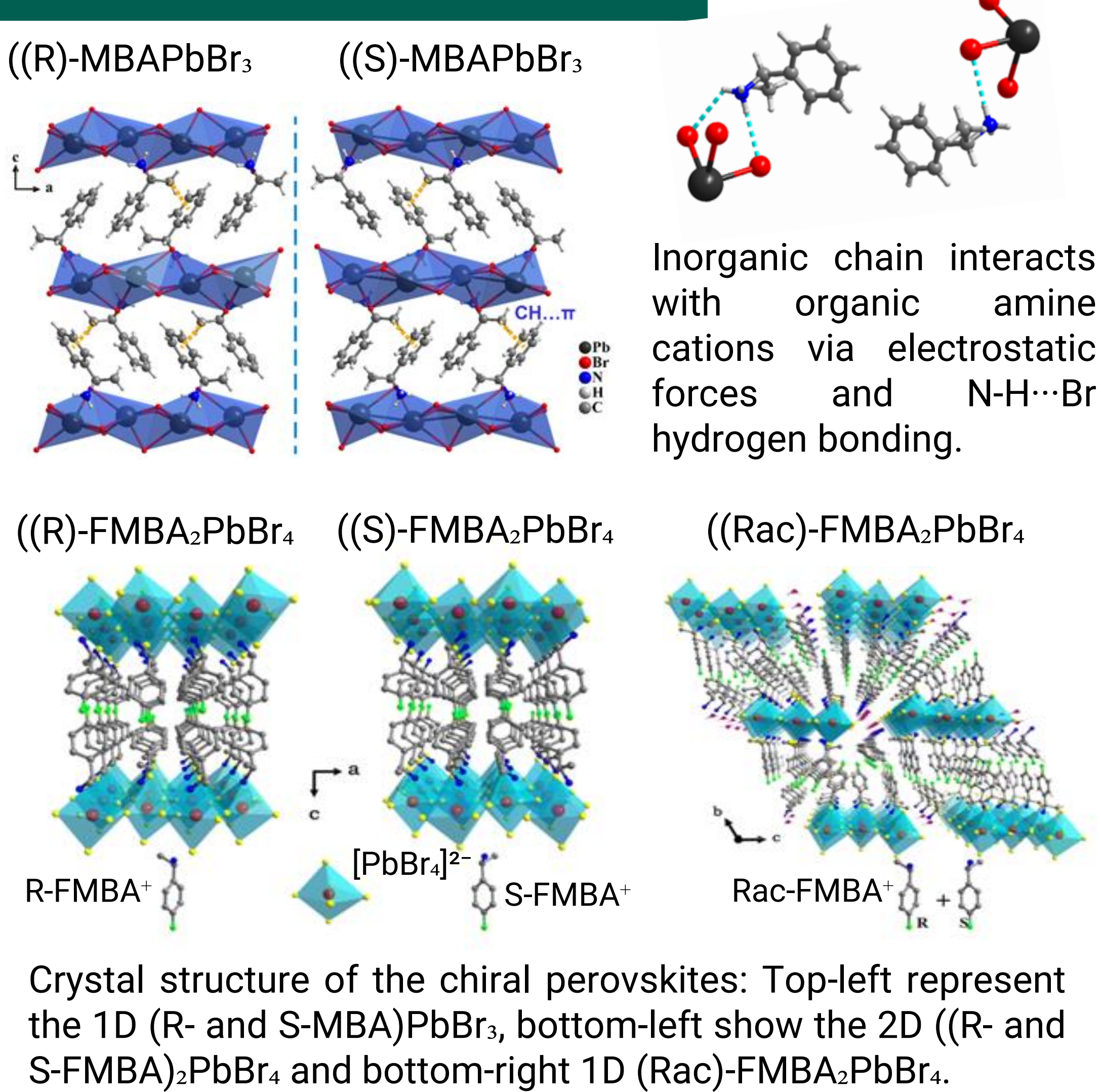
### Co-assembly



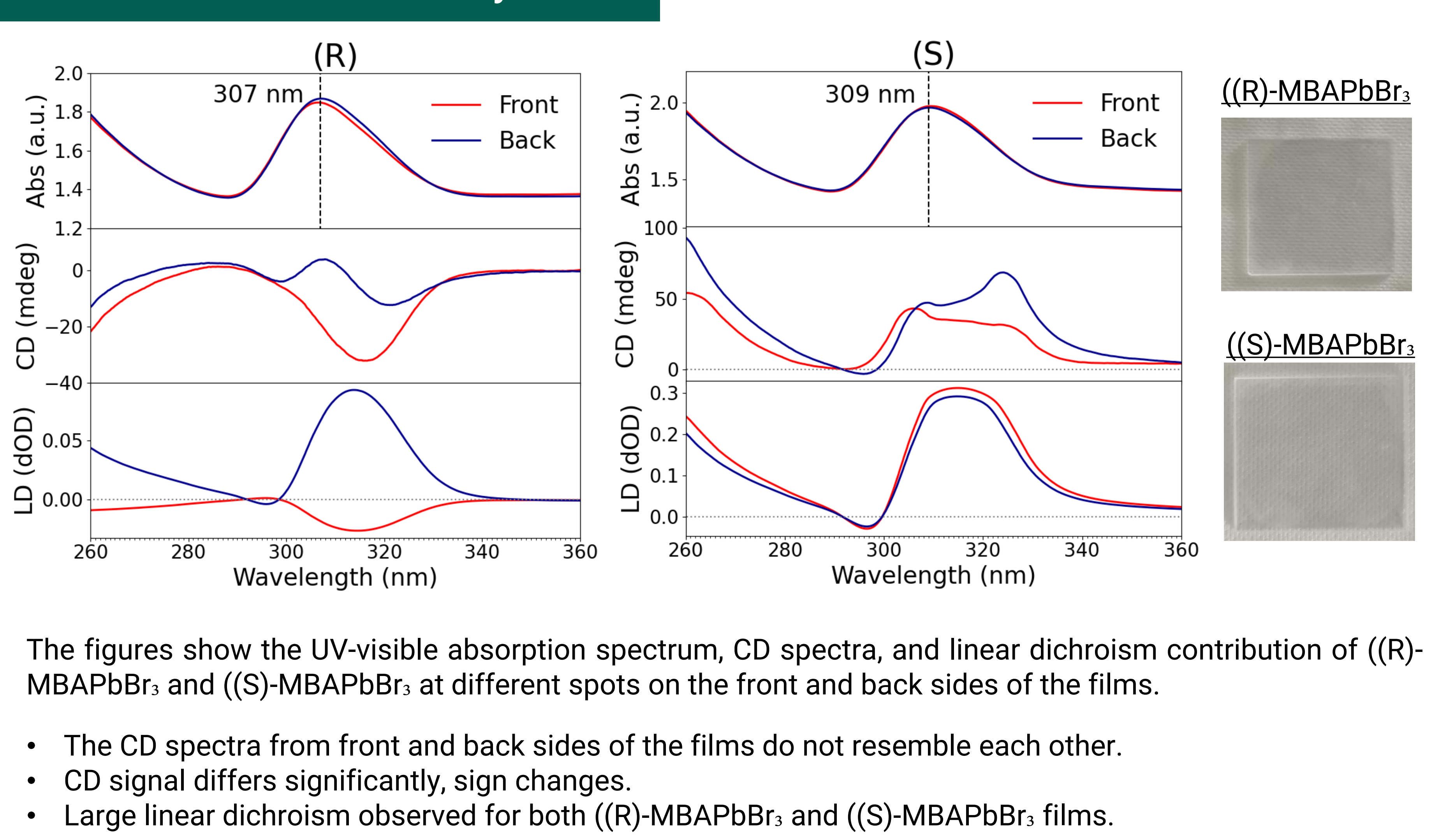
### Experimental approach



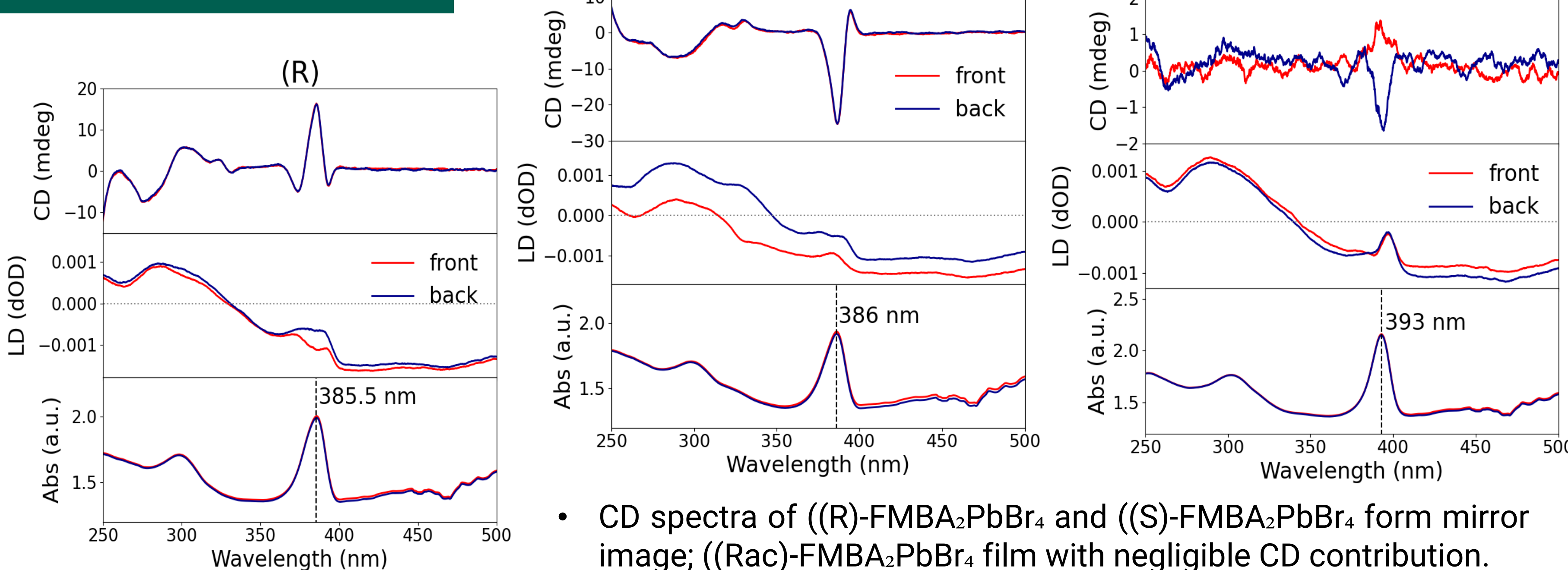
## 1D and 2D Chiral Perovskites



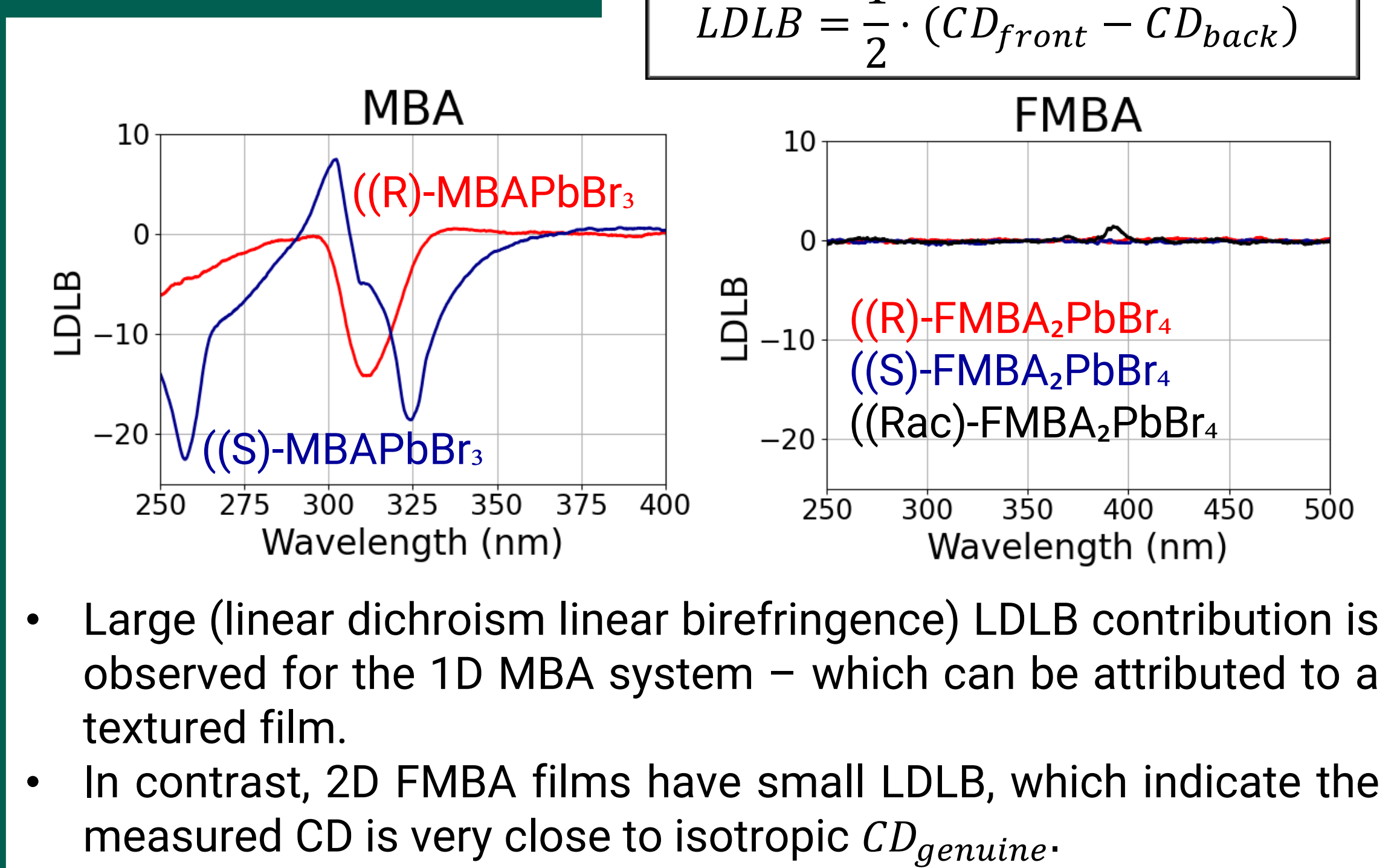
## Circular Dichroism of MBA-system



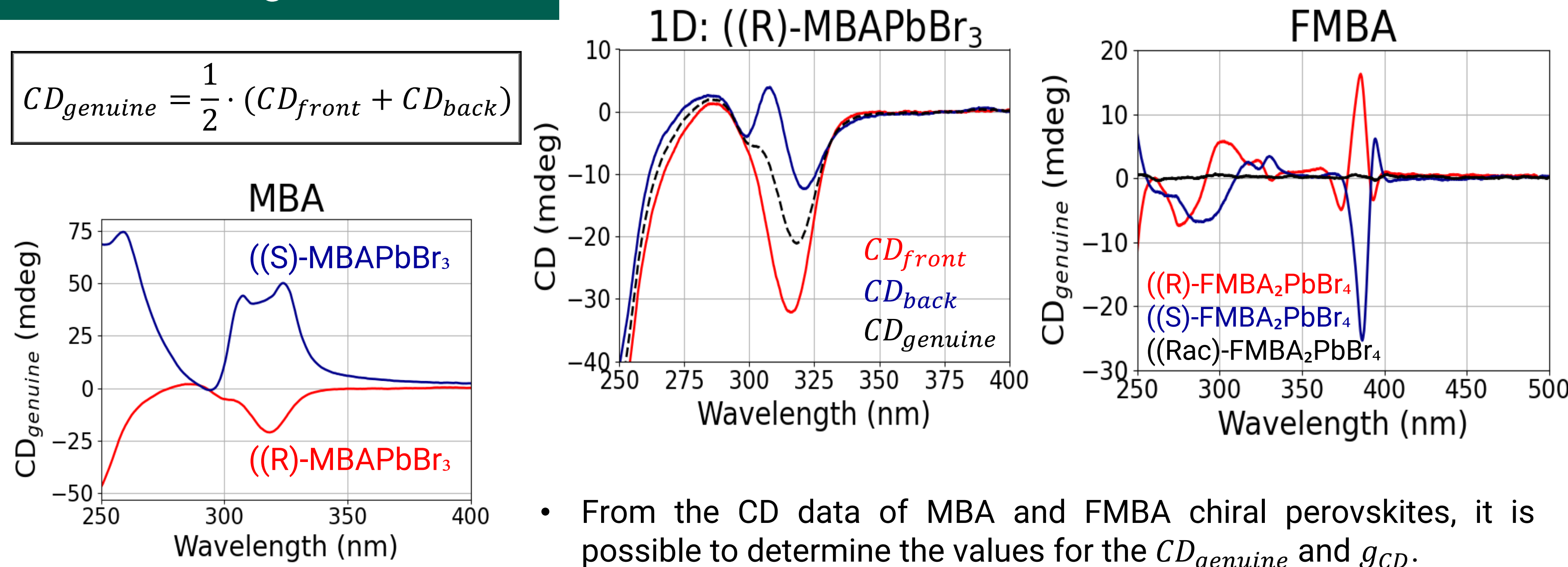
## CD of FMBA-system



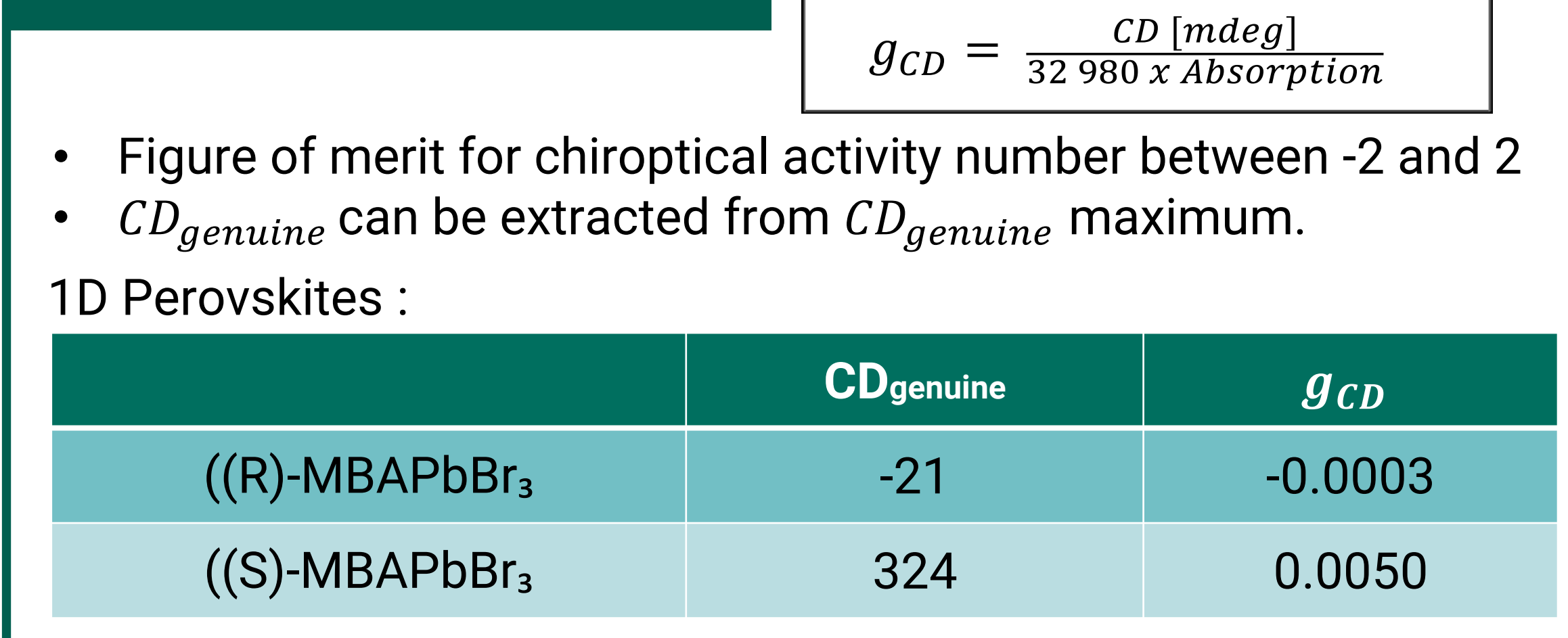
## Linear contributions



## Extraction of genuine CD



## Anisotropy factor, $g_{CD}$



## Summary

- Textured films can give artifacts in CD measurements due to strong linear effects.

## References:

- [1] Makhija, Urmila et al. (2024) "Effect of film morphology on circular dichroism of low-dimensional chiral hybrid perovskites." *The Journal of chemical physics*, 160(2), 021102.  
[2] Zhao et al. (2023) "Circularly polarized luminescence enlargement from crystals to oriented films of Enantiopure 2d Hybrid perovskites." *Chemical Communications*, 59(45), 6881–6884.