

Metal-Organic Framework for Oral Antibody Delivery in Inflammatory Bowel Disease

Cheng Chen

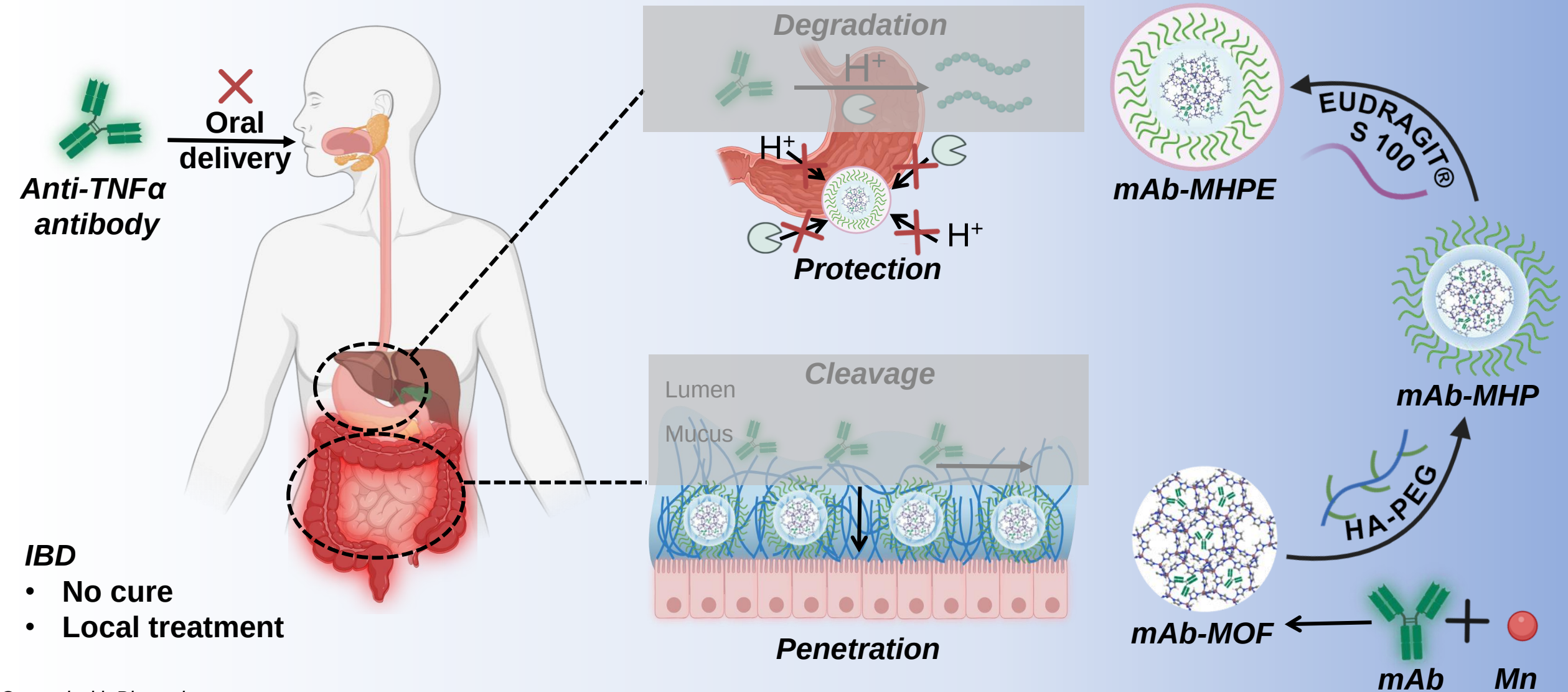
Supervisors: Prof. Ana Beloqui (UCLouvain)
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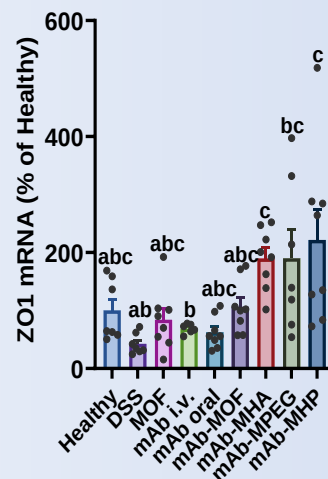
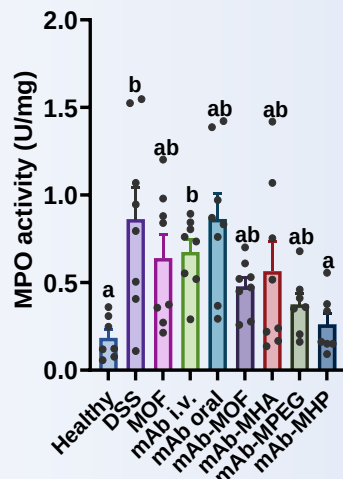
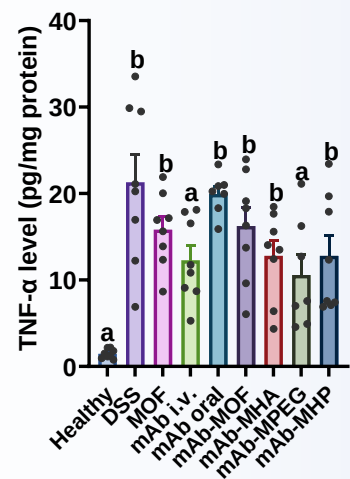
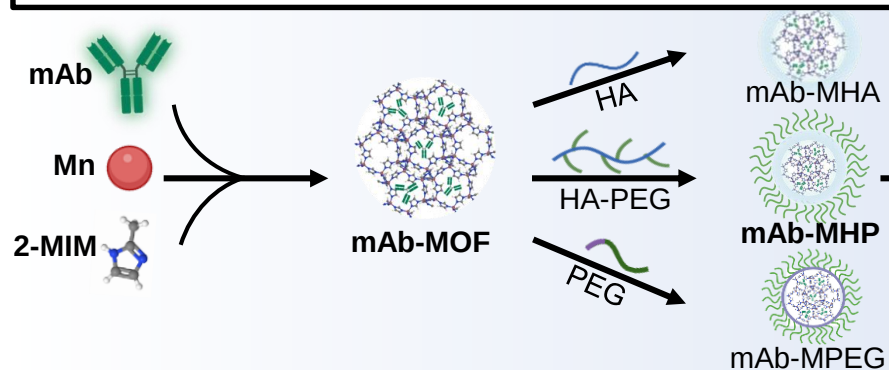
Introduction



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Results

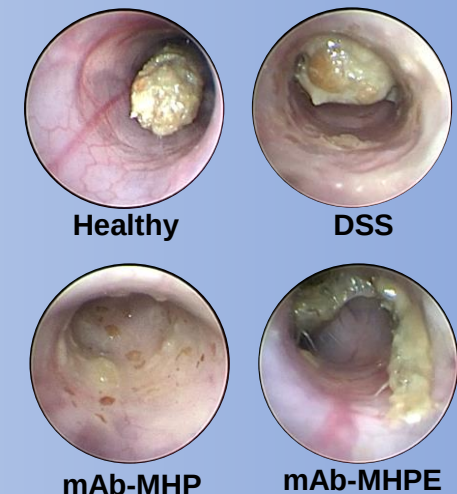
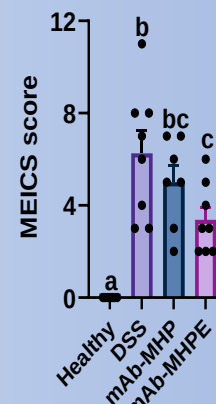
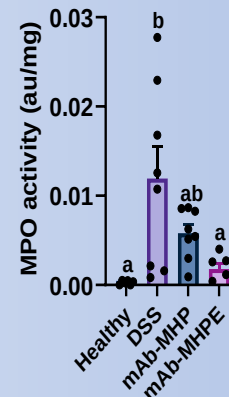
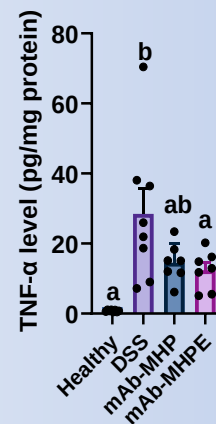
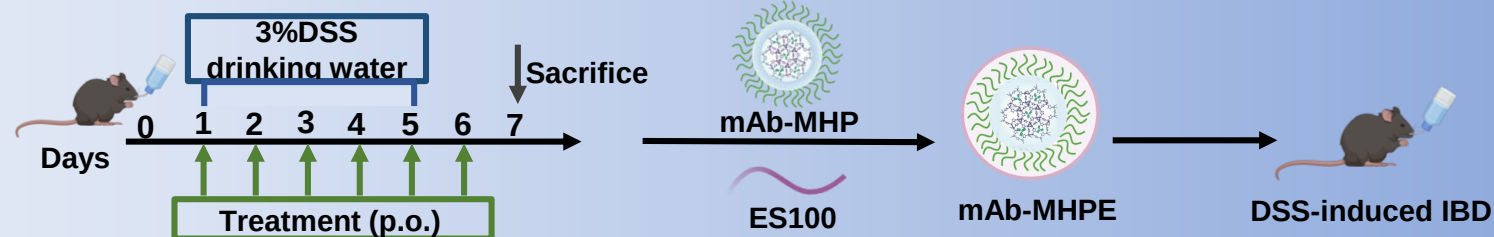
1. To exploit mucus interaction and disease targeting



mAb-MHP enhanced the anti-inflammatory efficacy of oral mAb

Data: mean ± SEM; n = 6~8.

2. To exploit colon-specific release



Colon-specific release further enhanced the anti-inflammatory effect of mAb-MHP

MEICS: murine endoscopic index of colitis severity

Acknowledgement

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See you at Poster #933!



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