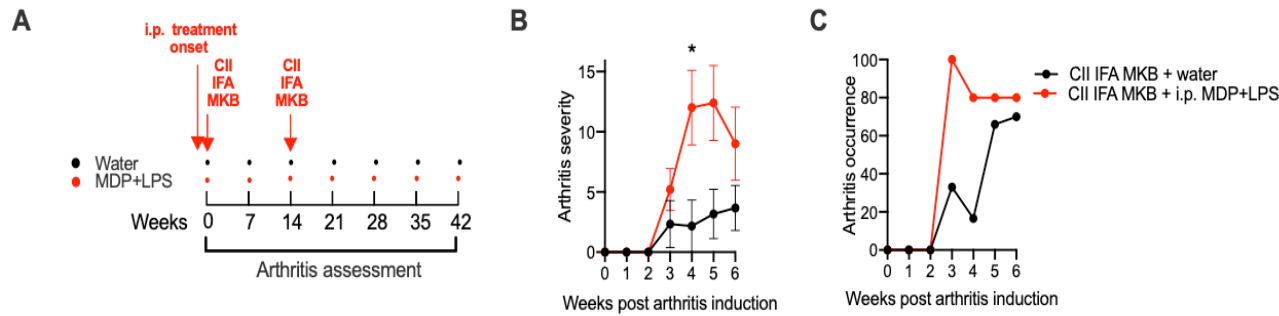


SUPPLEMENTARY MATERIALS

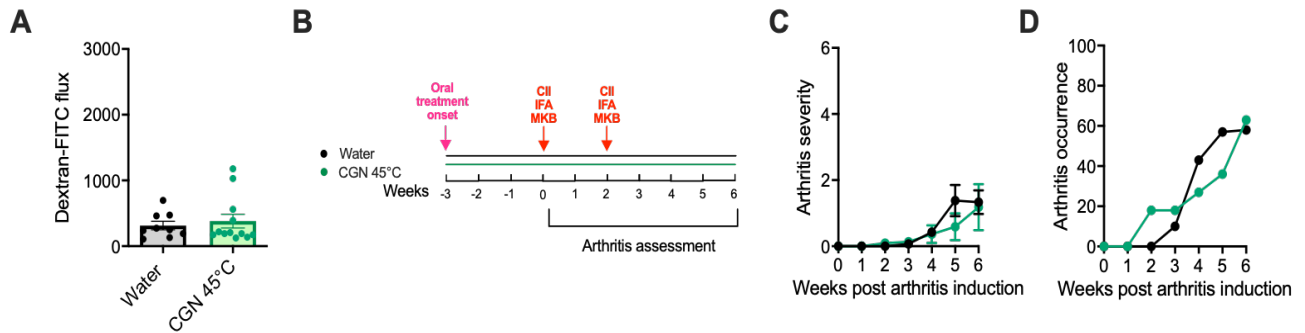


Supplementary figure S1. Impact of intraperitoneally inoculated MAMPs on CIA. (A-C)

Intraperitoneally administered MAMPs increase arthritis. **(A)** Experimental design. CIA was induced with mycobacteria in the treated group and with or without mycobacteria in the control groups. **(B)** Severity and **(C)** occurrence of CIA (n=5-6 DBA/1J mice/group). Statistical analyses: Mann-Whitney test (B).

*P<0.05, **P<0.01

SUPPLEMENTARY FIGURE 2.



Supplementary figure S2. Effect of oral treatment carrageenan heated at 45°C (CGN 45°C) on intestinal permeability and CIA. (A) Intestinal permeability evaluated by measuring 4kDa dextran-FITC translocation in Ussing chambers in C57BL/6J mice treated with CGN 45°C 1% in drinking water for 3 weeks and untreated controls. **(B)** The experimental scheme for assessing the **(C)** severity and **(D)** occurrence of collagen induced arthritis in C57BL/6J mice treated with CGN 45% 1% in drinking water (n=11) and untreated controls (n=21). Statistical analyses: Mann-Whitney test.