

POSSIBLE THERAPEUTIC EFFECT OF HELIX POMATIA MUCUS ON AN EXPERIMENTALLY INDUCED MODEL OF ULCERATIVE COLITIS

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Poster

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A murine study investigated helix pomatia snail mucus as a potential treatment for dextran sulphate sodium-induced ulcerative colitis.

KEY POINTS

- In a 24-mouse experiment with four groups, oral helix pomatia mucus treatment was compared to sulfasalazine and pathological controls in dextran sulphate sodium-induced colitis over seven days.
- Mice treated with helix pomatia mucus showed improvement in histopathology with regression of intestinal lesions compared to the pathological control group.
- Nuclear-kappa B and IL-1B levels decreased significantly after helix pomatia mucus treatment.
- The authors conclude that helix pomatia mucus could be a potential therapy to protect against experimentally induced ulcerative colitis.

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