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Increased Tryptophan Metabolism is Associated With Activity of Inflammatory Bowel Diseases

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Title: Increased Tryptophan Metabolism is Associated With Activity of Inflammatory Bowel Diseases

Short Title: Tryptophan in inflammatory bowel diseases

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Abbreviations: ACE, angiotensin-converting enzyme; AHR, aryl hydrocarbon receptor; ANT, anthranilic acid; ATP, adenosine triphosphate; AUC, area under the curve; BMI, body mass index; CAI, clinical activity index for ulcerative colitis; CARD9, caspase recruitment domain family member 9; CI, confidence interval; CD, Crohn’s disease; CDAI, Crohn’s disease activity index; CRP, C-reactive protein; DSS, dextran sulfate sodium; GPR, G-protein coupled receptor; 3-HAA, 3-hydroxyanthranilic acid; HBI, Harvey-Bradshaw-Index; 3-HK, 3-hydroxykynurenine; IBD, inflammatory bowel diseases; IDO, indoleamine 2,3-dioxygenase; IFN, interferon; IL, Interleukin; KYA, kynurenic acid; KYN, kynurenine; LLOD, lower limit of

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