

Mistakes in mouse models of IBD and how to avoid them

Anje te Velde

Mistakes In Articles

IBD

February 1, 2024

Experimental colitis models used to study IBD pathophysiology and develop treatments have limited predictive value for clinical therapeutic targets despite more than 50 available models.

KEY POINTS

- More than 50 experimental colitis models exist but have limited use in predicting the clinical relevance of therapeutic targets in IBD
- The models broadly fit into groups including spontaneous colitis, induced colitis from genetic abnormality, induced colitis from targeted mutation or transgene introduction, induced colitis from exogenous causative agents, and induction by immune system manipulation
- There is a necessity to improve the methodological quality of animal studies in this field

VIEW THIS CONTENT ON GUTFLIX

<https://gutflix.eu/search/d/440c576e-d3a4-11ed-a6c5-0242ac140004>



AI-generated summary

This summary was generated by an AI large language model based on the content transcript. It is for informational purposes only and should not be considered a substitute for clinical judgment. Always rely on your professional expertise and the full clinical context when making clinical decisions.