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Chicken intestine inflammation model for predictive *in vitro* screening of Anti-

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Objective

A key goal in pharmacological screening is a good understanding of the *in vivo* performance. So development of *in vitro* evaluations that c

Methods

Kappa-carrageenan was used to induce inflammation on the chicken intestine. We proposed a new apparatus which we name 'Jijith-Jaya

Results and Conclusion

The developed *in vitro* method using chicken intestine was worth for screening ant-inflammatory activities. A good correlation was obtaine

Jijith-Jayakumari apparatus, Kappa-Carrageenan, Diclofenac sodium, Chicken intestine.

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