

Accepted Manuscript

Mathematical Analysis of the Transmission Dynamics of the Liver Fluke, *Opisthorchis viverrini*

Christine Bürlı, Helmut Harbrecht, Peter Odermatt, Somphou Sayasone, Nakul Chitnis

PII: S0022-5193(17)30527-1
DOI: [10.1016/j.jtbi.2017.11.020](https://doi.org/10.1016/j.jtbi.2017.11.020)
Reference: YJTBI 9276



To appear in: *Journal of Theoretical Biology*

Received date: 22 December 2016
Revised date: 10 November 2017
Accepted date: 28 November 2017

Please cite this article as: Christine Bürlı, Helmut Harbrecht, Peter Odermatt, Somphou Sayasone, Nakul Chitnis, Mathematical Analysis of the Transmission Dynamics of the Liver Fluke, *Opisthorchis viverrini*, *Journal of Theoretical Biology* (2017), doi: [10.1016/j.jtbi.2017.11.020](https://doi.org/10.1016/j.jtbi.2017.11.020)

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Highlights

- Humans, snails and fish are a maintenance-hosts and without them transmission of *O. viverrini* cannot be sustained.
- Cats and dogs are non-maintenance hosts; they cannot sustain transmission in absence of humans as a definitive host.
- The most effective control interventions are targeting death rates of parasites in humans through regular treatment, the transmission rate from humans to snails through improved sanitation and from fish to humans through safe fish production.

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