

# Launch of 'DeWorm3' collection

January 18 2018

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The DeWorm3 team. Credit: Natural History Museum, 2017

*PLOS Neglected Tropical Diseases* is happy to announce the publication of a new Collection, "DeWorm3" on January 18, 2018.

Soil-Transmitted Helminth (STH) infections cause chronic and insidious effects on the host's health, nutritional status and development. Chronic and intense STH infections can contribute to malnutrition, iron-deficiency anaemia, mental and physical growth retardation in childhood. Judd Walson, Principal Investigator of the DeWorm3 Project, and co-Editor-in-Chief of *PLOS NTDs*, along with colleagues from the DeWorm3 global partner network, provide new evidence in this [collection](#) that can aid in interrupting the transmission of STHs.

The DeWorm3 collection compiles numerous studies on STHs, including:

- Evaluations of the sustainability, scalability, and replicability of STH transmission interruption
- A series of cluster randomized trials in India and Malawi to evaluate the impact of biannual community-wide MDA with albendazole compared to the current standard of care
- An analysis of the impact of different diagnostic tools to aid in soil-transmitted helminth [transmission](#) elimination

Additional articles will be added to the collection as the STH elimination evidence base continues to grow. Key research in this Collection is summarized below.

**More information:** [collections.plos.org/deworm3](https://collections.plos.org/deworm3)

Means AR, Ajjampur SSR, Bailey R, Galactionova K, Gwayi-Chore MC, et al. (2018) Evaluating the sustainability, scalability, and replicability of an STH transmission interruption intervention: The DeWorm3 implementation science protocol. *PLOS Neglected Tropical Diseases* 12(1): e0005988. [doi.org/10.1371/journal.pntd.0005988](https://doi.org/10.1371/journal.pntd.0005988)

Ásbjörnsdóttir KH, Ajjampur SSR, Anderson RM, Bailey R, Gardiner I, et al. (2018) Assessing the feasibility of interrupting the transmission of soil-transmitted helminths through mass drug administration: The DeWorm3 cluster randomized trial protocol. *PLOS Neglected Tropical Diseases* 12(1): e0006166. [doi.org/10.1371/journal.pntd.0006166](https://doi.org/10.1371/journal.pntd.0006166)

Werkman M, Wright JE, Truscott JE, Easton AV, Oliveira RG, et al. (2018) Testing for soil-transmitted helminth transmission elimination: Analysing the impact of the sensitivity of different diagnostic tools. *PLOS Neglected Tropical Diseases* 12(1): e0006114.

[doi.org/10.1371/journal.pntd.0006114](https://doi.org/10.1371/journal.pntd.0006114)

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