

Environmental Health

ABOUT THE COVER



We know that mosquitoes are potential pathogen-transmitting vectors, causing human illnesses such as West Nile virus, Zika, and chikungunya.

There are many ways to prevent these vector-borne diseases, including the use of repellents and insecticides. Permethrin, a repellent approved for human use, has been used to treat clothing to provide a layer of protection to the wearer without the direct application of repellent to the skin. This month's cover article, "Residual Effectiveness of Permethrin-Treated Clothing for Prevention of Mosquito Bites Under Simulated Conditions," evaluated the effectiveness of this clothing and the extent to which fabric type, temperature, and number of washes affected mosquito knockdown and mortality, and permethrin content.

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