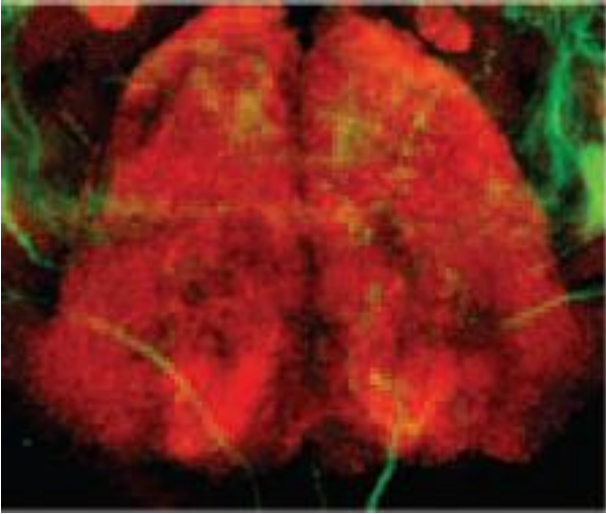


DEET-FREE REPELLENTS

for Agriculture, Home, Pets and Human Protection



Expression of GFP1 in the suboesophageal ganglion (SOG).

BACKGROUND

Blood-feeding insects are known to transmit deadly diseases such as malaria, West Nile fever and yellow fever. Insect repellents can be very effective by blocking the contact between blood-seeking insects and humans. However, repellents are seldom used in disease-prone areas of Africa and Asia due to high costs and need for continuous application on skin.

DESCRIPTION

UCR Research has recently discovered alternative compounds to DEET that can be used as insect repellent that is affordable and safe for human use.

LEARN MORE

CATEGORIES: Biotechnology, Animal Health, Agriculture, Pests

KEYWORDS: Deet, Repellents, Arthropods

INVENTORS: Anandasankar Ray

PATENT STATUS: Provisional Application Filed

RELATED PUBLICATIONS:

<http://www.nature.com/nature/journal/vaop/ncurrent/full/nature12594.html>

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joyce.patrona@ucr.edu. Reference UC case number 2013-043

BENEFITS:

- Arthropod repellents safe for human use.
- Affordable arthropod repellents.
- Do not dissolve plastic.
- Safe in human foods.

APPLICATIONS:

- Repellent for arthropods.
- Ag pest repellents for application to plants.
- Bedbug repellents for home.