

Accepted Manuscript

Title: Behavioral asymmetries in ticks – lateralized questing of *Ixodes ricinus* to a mechatronic apparatus delivering host-borne cues

Authors: Giovanni Benelli, Donato Romano, Guido Rocchigiani, Alice Caselli, Francesca Mancianti, Angelo Canale, Cesare Stefanini



PII: S0001-706X(17)31272-X
DOI: <https://doi.org/10.1016/j.actatropica.2017.11.024>
Reference: ACTROP 4514

To appear in: *Acta Tropica*

Received date: 25-10-2017
Revised date: 27-11-2017
Accepted date: 27-11-2017

Please cite this article as: Benelli, Giovanni, Romano, Donato, Rocchigiani, Guido, Caselli, Alice, Mancianti, Francesca, Canale, Angelo, Stefanini, Cesare, Behavioral asymmetries in ticks – lateralized questing of *Ixodes ricinus* to a mechatronic apparatus delivering host-borne cues. *Acta Tropica* <https://doi.org/10.1016/j.actatropica.2017.11.024>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Behavioral asymmetries in ticks – lateralized questing of *Ixodes ricinus* to a mechatronic apparatus delivering host-borne cues

Giovanni Benelli ^{1,2} *, Donato Romano ², Guido Rocchigiani ³, Alice Caselli ¹,
Francesca Mancianti ³, Angelo Canale ¹, Cesare Stefanini ^{2,4}

¹ Department of Agriculture, Food and Environment, University of Pisa, Via del Borghetto 80, 56124, Pisa, Italy

² The BioRobotics Institute, Scuola Superiore Sant'Anna, Viale Rinaldo Piaggio 34, 56025 Pontedera, Pisa, Italy

³ Department of Veterinary Sciences, University of Pisa, viale delle Piagge 2, 56124 Pisa, Italy

⁴ Department of Biomedical Engineering and Robotics Institute, Khalifa University PO Box, 127788, Abu Dhabi, UAE

* Corresponding author. Tel.: +390502216141. Fax: +39 0502216087. E-mail addresses: benelli.giovanni@gmail.com; giovanni.benelli@santannapisa.it (G. Benelli).

Graphical abstract

Download English Version:

<https://daneshyari.com/en/article/8744452>

Download Persian Version:

<https://daneshyari.com/article/8744452>

[Daneshyari.com](https://daneshyari.com)