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### CALL for EXPRESSION of INTEREST

The Institute of Molecular Biology and Biotechnology (IMBB) of the Foundation for Research and Technology (FORTH) in the context of the research program: ERC-MANNA-GA695190, launches a Direct Award for the supply of **one (1) Worm tracking and analysis software**.

#### Detailed Specifications

##### **One (1) worm tracking and analysis software, which includes:**

- Automated tracking of selected worms or all worms
- Track through entanglements
- Advanced worm model with peristaltic progression movement
- Selective viewing of worm outlines, midpoints, tracks, head/tail markers.
- Export locomotion data to Microsoft Excel or Matlab
- Built-in workflow to gather data efficiently
- Track at high, medium, or low magnification
- Optional camera interface to capture video
- Validation comparison to check detection accuracy

##### Analyses which include:

- Head, midpoint and tail worm position frame-by-frame-
- Velocity (instantaneous and averaged)
- Area
- Wavelength
- Track Length
- Direction

##### Additionally:

- Software upgrades and remote online and telephone technical support for 3 years.

Remote training and remote online connection.

**Budgetary expenditure:** 9.274,19 € (nine thousand two hundred forty nine and nineteen €), VAT not included (price with VAT: 11.500,00 €).

**Evaluation criterion:** The most economically advantageous tender, based on the best value for money.

#### **Information for submission of the tender**

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**Closing date for submission of the tender: 8 March 2018 @ 13.00**

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