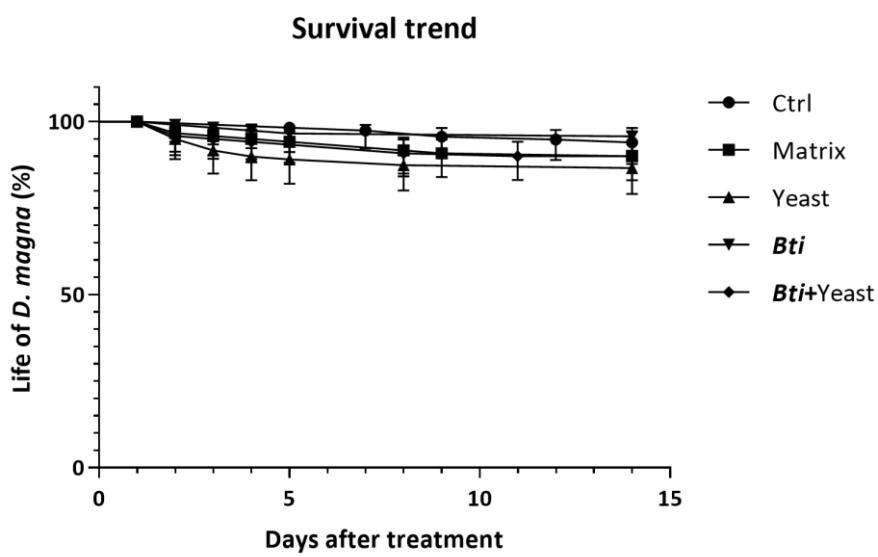
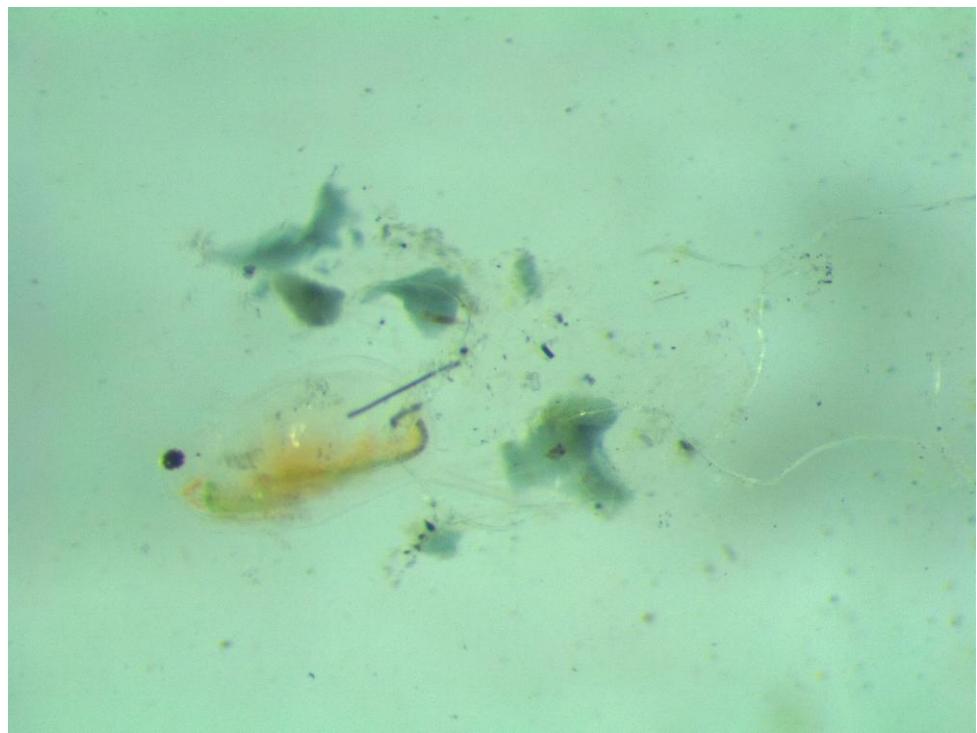


Sup.Fig. 1. Impact of MosChito rafts on the survival rate of zebrafish embryos over 120-hour exposure.
 Treatment groups: control (Ctrl); empty hydrogel (Matrix); hydrogel with yeast (Yeast); hydrogel with VectoBac® 12AS (Bti); hydrogel with yeasts and VectoBac® 12AS (Bti+Yeast). The Data are presented as mean (95% CI) of three independent experiments.



Sup.Fig. 2. Impact of MosChito rafts on the survival rate of *D. magna* over 14 days exposure. Treatment groups: control (Ctrl); empty hydrogel (Matrix); hydrogel with yeast (Yeast); hydrogel with VectoBac® 12AS (*Bti*); hydrogel with yeasts and VectoBac® 12AS (*Bti+Yeast*). The Data are presented as mean (95% CI) of three independent experiments.



Sup.Fig. 3. Daphnid specimen, used during the test, with antennae stuck to the raft matrix (blue debris).

	One-Way ANOVA	Tukey's multiple comparisons test
Fig. 3A	$F_{(4, 324)} = 2,726 \ P=0,0294 *$	Ctrl vs. Matrix $P = 0,3028$
		Ctrl vs. Yeast $P = 0,7129$
		<i>Ctrl vs. Bti</i> $P= >0,9999$
		<i>Ctrl vs. Bti+Yeast</i> $P = 0,0528 *$
		Matrix vs. Yeast $P = 0,9634$
		<i>Matrix vs. Bti</i> $P= 0,3813$
		<i>Matrix vs. Bti+Yeast</i> $P= 0,9496$
		<i>Yeast vs. Bti</i> $P = 0,7942$
		<i>Yeast vs. Bti+Yeast</i> $P = 0,6169$
		<i>Bti vs. Bti+Yeast</i> $P = 0,0771$
Fig. 3B	$F_{(4, 324)}= 3,564 \ P= 0,0073 **$	Ctrl vs. Matrix $P= 0,0057 **$
		Ctrl vs. Yeast $P= 0,1294$
		<i>Ctrl vs. Bti</i> $P= 0,4804$
		<i>Ctrl vs. Bti+Yeast</i> $P= 0,0303 *$
		Matrix vs. Yeast $P= 0,8115$
		<i>Matrix vs. Bti</i> $P= 0,3631$
		<i>Matrix vs. Bti+Yeast</i> $P= 0,9687$
		<i>Yeast vs. Bti</i> $P= 0,9492$
		<i>Yeast vs. Bti+Yeast</i> $P= 0,9885$
		<i>Bti vs. Bti+Yeast</i> $P= 0,7268$

Sp.Tab. 1. Statistical results obtained from the analysis of *D. magna* swimming behavior.

(3A) Total distance moved(3B) Mobility

	One-Way ANOVA	Tukey's multiple comparisons test
Fig 4A	$F_{(4, 25)} = 2,961 \quad P = 0,0394^*$	<p>Ctrl vs. Matrix $P = 0,9427$</p> <p>Ctrl vs. Yeast $P = 0,4517$</p> <p><i>Ctrl vs. Bti</i> $P = 0,1294$</p> <p><i>Ctrl vs. Bti+Yeast</i> $P = 0,0468^*$</p> <p>Matrix vs. Yeast $P = 0,8736$</p> <p><i>Matrix vs. Bti</i> $P = 0,4382$</p> <p><i>Matrix vs. Bti+Yeast</i> $P = 0,2057$</p> <p><i>Yeast vs. Bti</i> $P = 0,9363$</p> <p><i>Yeast vs. Bti+Yeast</i> $P = 0,7132$</p> <p><i>Bti vs. Bti+Yeast</i> $P = 0,9871$</p>

Sp.Tab. 2. Statistical results obtained from the analysis of *D. magna* biomarkers.

(4A) Reactive oxygen species (ROS) levels