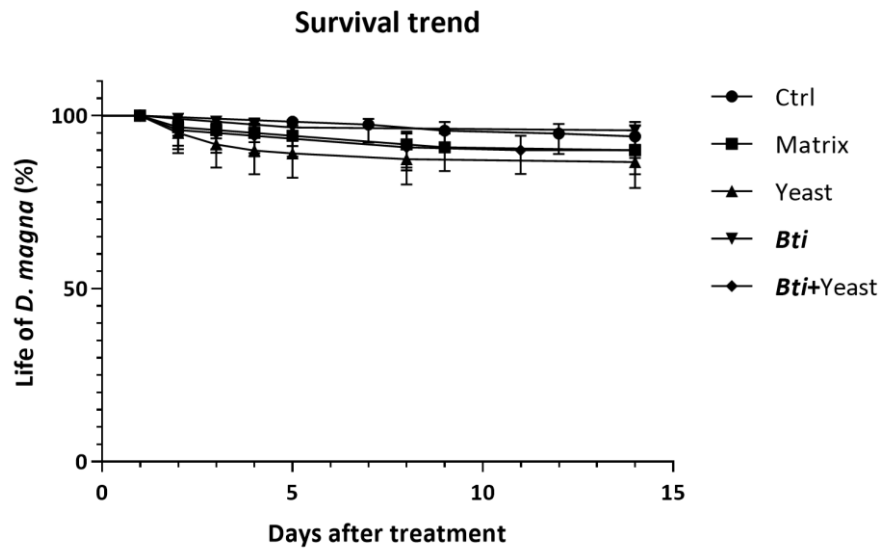
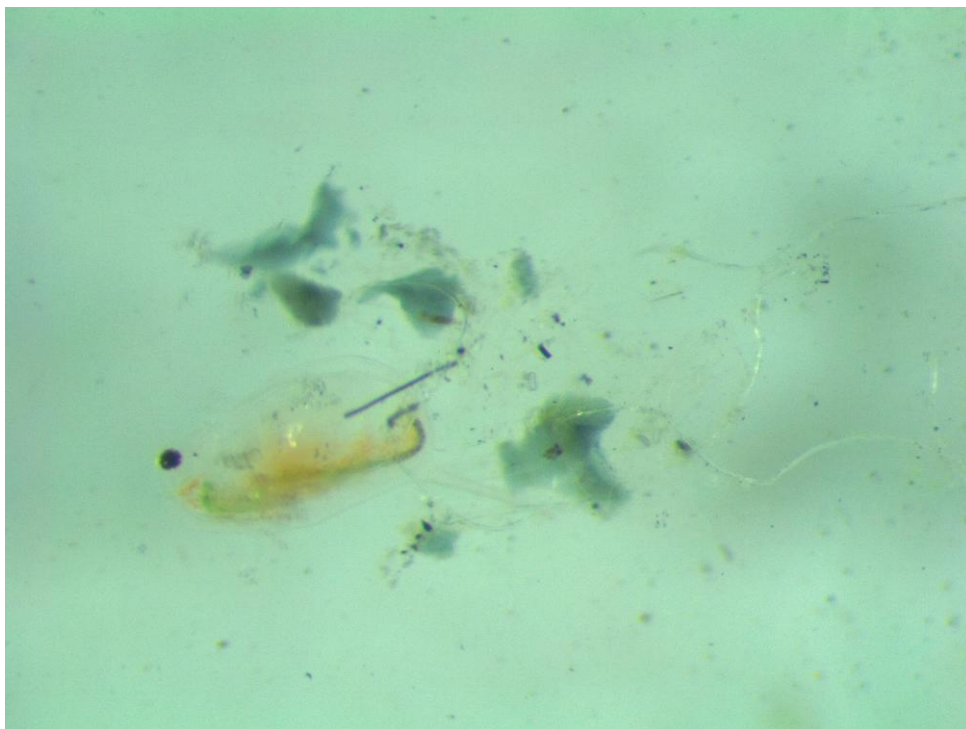


Sup.Fig. 1. Impact of MosChito rafts on the survival rate of zebrafish embryos over 120-hour exposure.

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	$F_{(4, 25)} = 2,961$ $P = 0,0394^*$	Ctrl vs. Matrix $P = 0,9427$
		Ctrl vs. Yeast $P = 0,4517$
		Ctrl vs. <i>Bti</i> $P = 0,1294$
		Ctrl vs. <i>Bti</i> +Yeast $P = 0,0468^*$
		Matrix vs. Yeast $P = 0,8736$
		Matrix vs. <i>Bti</i> $P = 0,4382$
		Matrix vs. <i>Bti</i> +Yeast $P = 0,2057$
		Yeast vs. <i>Bti</i> $P = 0,9363$
		Yeast vs. <i>Bti</i> +Yeast $P = 0,7132$
		<i>Bti</i> vs. <i>Bti</i> +Yeast $P = 0,9871$

Sp.Tab. 2. Statistical results obtained from the analysis of *D. magna* biomarkers.
(4A) Reactive oxygen species (ROS) levels