

Acetaminophen removal from water by microalgae and effluent toxicity assessment by the zebrafish embryo bioassay

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Figure S1	Periods of the embryo development of <i>Danio rerio</i> : (a,b) gastrula period; (c,d) pharyngula period; (e,f) larval stage. Note: Sketches have been taken from Kimmel et al. [28] and pictures from the microscope.
Table S1	Effects on zebrafish embryo exposed to effluents from microalgae treatments at a 1:3 dilution with freshwater. Note: Mean results (n= 12 for control; n=6 exposed groups) are shown together with SE. Results significantly different from control ($p \leq 0.05$) are in bold.

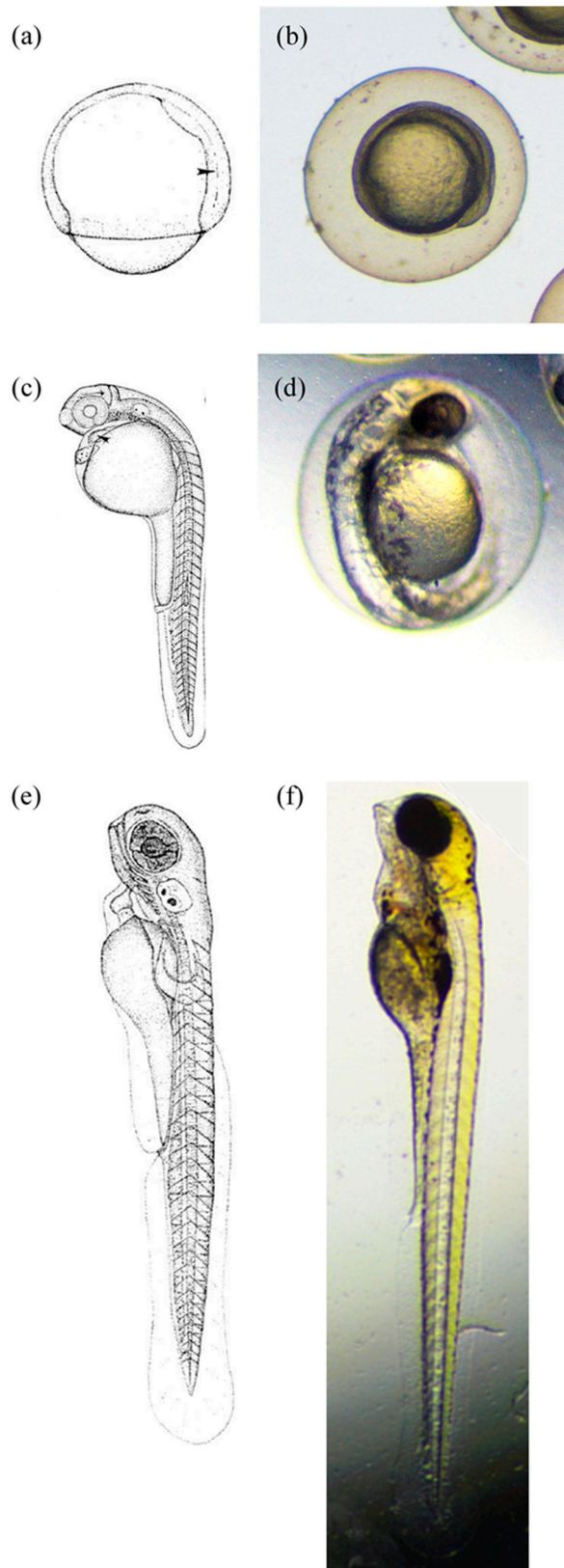


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Table S1. Effects on zebrafish embryo exposed to effluents from microalgae treatments at a 1:3 dilution with freshwater. Note: Mean results (n= 12 for control; n=6 exposed groups) are shown together with SE. Results significantly different from control ($p \leq 0.05$) are in bold.

		Mortality rate	75%-epiboly rate		Total abnormalities		Developmental delay		Lack of pigmentation		Excess of pigmentation		Lateral position	Involuntary movements	Larval length (μm)
8 hpf	Control	1.7 \pm 3.9	96.6 \pm 5.1		1.8 \pm 4.1		1.8 \pm 4.1								
	CS	3.3 \pm 5.2	96.7 \pm 5.2		0.0 \pm 0.0		0.0 \pm 0.0								
	CV	3.3 \pm 5.2	93.3 \pm 5.2		3.3 \pm 5.2		1.7 \pm 4.1								
	SO	1.7 \pm 4.1	98.3 \pm 4.1		0.0 \pm 0.0		0.0 \pm 0.0								
32 hpf	Control	3.3 \pm 4.9			0.0 \pm 0.0		0.0 \pm 0.0		0.0 \pm 0.0		0.0 \pm 0.0				
	CS	5.0 \pm 5.5			7.5 \pm 5.8		0.0 \pm 0.0		7.5 \pm 5.8		0.0 \pm 0.0				
	CV	5.2 \pm 5.7			12.4 \pm 3.7		0.0 \pm 0.0		12.4 \pm 3.7		0.0 \pm 0.0				
	SO	3.3 \pm 5.2			10.4 \pm 6.4		0.0 \pm 0.0		10.4 \pm 6.4		0.0 \pm 0.0				
80 hpf	Control	4.2 \pm 5.1			0.9 \pm 3.2		0.0 \pm 0.0		0.0 \pm 0.0		0.0 \pm 0.0				
	CS	6.7 \pm 5.2			9.5 \pm 4.7		0.0 \pm 0.0		0.0 \pm 0.0		5.6 \pm 6.1				
	CV	5.0 \pm 5.5			16.1 \pm 6.0		0.0 \pm 0.0		0.0 \pm 0.0		16.1 \pm 6.0				
	SO	3.3 \pm 5.2			10.4 \pm 6.4		0.0 \pm 0.0		0.0 \pm 0.0		8.5 \pm 7.6				
144 hpf	Control	4.2 \pm 5.1			0.9 \pm 3.2		0.0 \pm 0.0		0.0 \pm 0.0		0.0 \pm 0.0		0.0 \pm 0.0	0.0 \pm 0.0	3856.88 \pm 45.84
	CS	6.7 \pm 5.2			26.9 \pm 5.2		0.0 \pm 0.0		0.0 \pm 0.0		25.0 \pm 4.3		0.0 \pm 0.0	0.0 \pm 0.0	3869.60 \pm 28.80
	CV	5.0 \pm 5.5			37.2 \pm 6.1		0.0 \pm 0.0		0.0 \pm 0.0		37.2 \pm 6.1		1.9 \pm 4.5	0.0 \pm 0.0	3890.21 \pm 22.28
	SO	3.3 \pm 5.2			29.3 \pm 6.2		0.0 \pm 0.0		0.0 \pm 0.0		29.3 \pm 6.2		0.0 \pm 0.0	0.0 \pm 0.0	3911.49 \pm 17.80