

Figure S1. Zebrafish embryo and larvae development treated with *Centella asiatica* at 24, 48, 72 and 96 hpf. Images were captured using a stereo microscope at 40X (unhatched embryo) and 25X (for hatched embryo) magnification. DG, delayed gastrulation; LEB, lack of eye bud; TM, tail malformation; C, coagulation; NDT, non-detachment of the tail; PE, pericardial edema; YSE, yolk sac edema; ND, notochord deformation; N, normal.

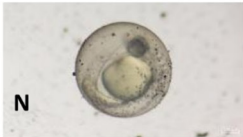



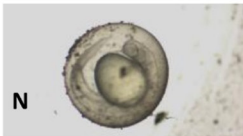
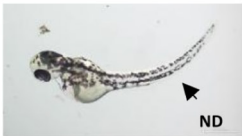


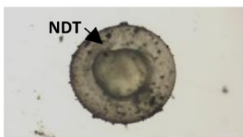



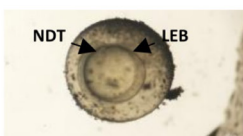
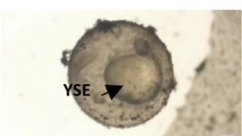


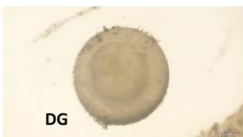
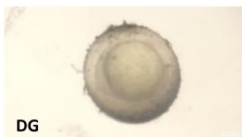
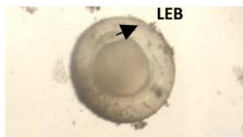
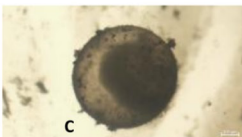
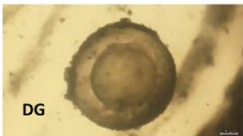
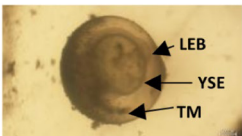
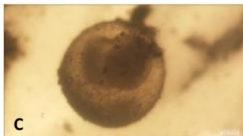
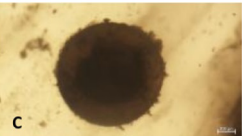
Extract concentration (µg/ml)	24 hpf	48 hpf	72 hpf	96 hpf
156.25				
312.50				
625.00				
1,250.00				
2,500.00				
5,000.00				

Figure S2. Zebrafish embryo and larvae development treated with *Moringa oleifera* at 24, 48, 72 and 96 hpf. Images were captured using a stereo microscope at 40X (unhatched embryo) and 25X (for hatched embryo) magnification. DG, delayed gastrulation; LEB, lack of eye bud; C, coagulation; NDT, non-detachment of the tail; PE, pericardial edema; YSE, yolk sac edema; SM, spine malformation; N, normal.

Extract concentration (µg/ml)	24 hpf	48 hpf	72 hpf	96 hpf
31.25				
62.50				
125.00				
250.00				
500.00				
1,000.00				

Figure S3. Zebrafish embryo and larvae development treated with *Curcuma longa* at 24, 48, 72 and 96 hpf. Images were captured using a stereo microscope at 40X (unhatched embryo) and 25X (for hatched embryo) magnification. DG, delayed gastrulation; LS, lack of somite; LEB, lack of eye bud; C, coagulation; NDT, non-detachment of the tail; PE, pericardial edema; YSE, yolk sac edema; SM, spine malformation; N, normal.

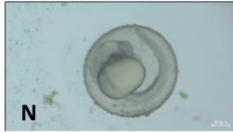
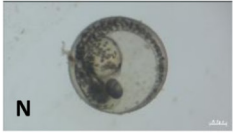

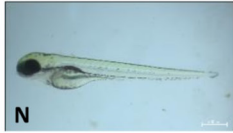
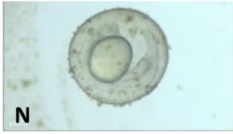
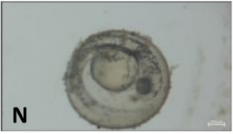
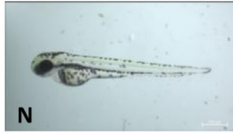

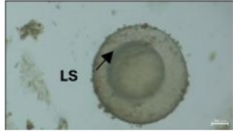
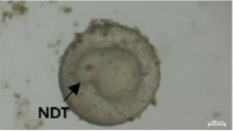


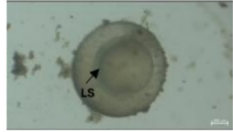

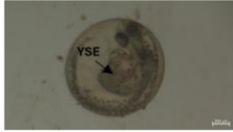
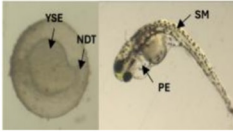
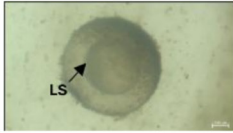
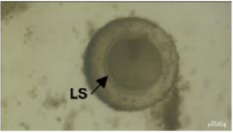
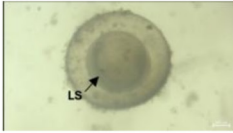
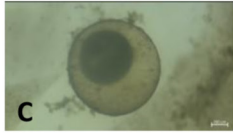
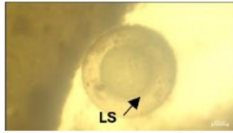
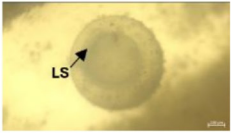
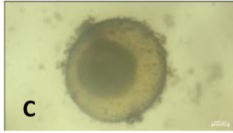
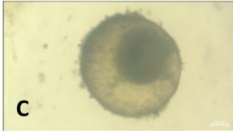
Extract concentration (μg/ml)	24 hpf	48 hpf	72 hpf	96 hpf
156.25				
312.50				
625.00				
1,250.00				
2,500.00				
5,000.00				

Figure S4. Zebrafish embryo and larvae development treated with *Piper nigrum* at 24, 48, 72 and 96 hpf. Images were captured using a stereo microscope at 40X (unhatched embryo) and 25X (for hatched embryo) magnification. DG, delayed gastrulation; LS, lack of somite; C, coagulation; NDT, non-detachment of the tail; PE, pericardial edema; YSE, yolk sac edema; SM, spine malformation; TM, tail malformation; HM, head malformation; N, normal.

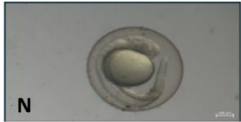
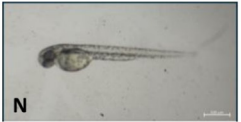


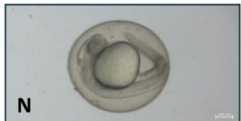



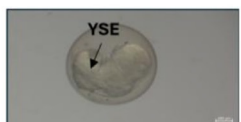

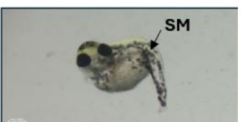

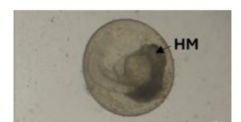

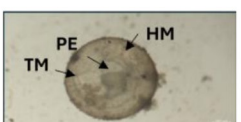

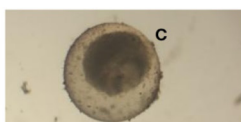
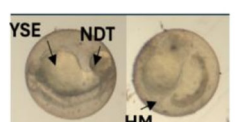


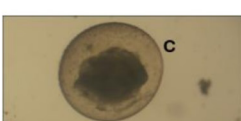

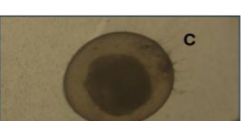
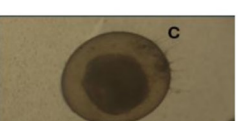
Extract concentration (µg/ml)	24 hpf	48 hpf	72 hpf	96 hpf
31.25				
62.50				
125.00				
250.00				
500.00				
1,000.00				

Figure S5. Zebrafish embryo and larvae development treated with *Channa striata* at 24, 48, 72 and 96 hpf. Images were captured using a stereo microscope at 40X (unhatched embryo) and 25X (for hatched embryo) magnification. DG, delayed gastrulation; LEB, lack of eye bud; C, coagulation; NDT, non-detachment of the tail; PE, pericardial edema; YSE, yolk sac edema; SM, spine malformation; N, normal.

Extract concentration (µg/ml)	24 hpf	48 hpf	72 hpf	96 hpf
31.25	 N	 N	 N	 N
62.50	 N	 N	 N	 N
125.00	 LEB	 YSE	 N	 N
250.00	 NDT	 YSE	 YSE	 SM
500.00	 NDT	 NDT	 YSE	 YSE SM
1,000.00	 LEB NDT	 DG	 C	 C