

Supplementary information to:

***TOXOPLASMA GONDII*: PREVENTIVE AND THERAPEUTIC
EFFECTS OF MORPHINE AND EVALUATION OF TREATMENT
PARAMETERS OF TACHYZOITES AND INFECTED MACROPHAGES
IN VITRO AND IN A MURINE MODEL**

Leila Zaki¹, Fatemeh Ghaffarifar^{1*}, Zohreh Sharifi², John Horton³, Javid Sadraei¹

- 1 Department of Parasitology, Faculty of Medical Sciences, Tarbiat Modares University, Tehran, Iran
- 2 Blood Transfusion Research Center, High Institute for Research and Education in Transfusion Medicine, Tehran, Iran
- 3 Tropical Projects, Hitchin, United Kingdom

* **Corresponding author:** Fatemeh Ghaffarifar, Ph.D., Department of Parasitology, Faculty of Medical Sciences, Tarbiat Modares University, Tehran, P.O. Box 14115-111, Iran, Tel: +98-21-82884553, Fax: +98-21-82884555, E-mail: ghafarif@modares.ac.ir

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Supplementary Table 1: The Mean and SD of the tachyzoites number influenced by various concentrations of morphine and control group after 3 and 24 hours

Groups	Time	3 h ($\times 10^4$)	24 h ($\times 10^4$)
		Mean \pm SD	Mean \pm SD
	Control	85 \pm 2.8	57 \pm 3.5
	Morphine 100 μ g/ml	79 \pm 4.2	30 \pm 1.4*
	Morphine 10 μ g/ml	81 \pm 4	33 \pm 4.2*
	Morphine 1 μ g/ml	77.5 \pm 0.7	26.5 \pm 7.7*
	Morphine 0.1 μ g/ml	72.5 \pm 2.1	23 \pm 2.8*
	Morphine 0.01 μ g/ml	71 \pm 5.6	22 \pm 5.6*
	Sulfadiazine 40 μ g/ml + pyrimethamine 1 μ g/ml	60 \pm 7*	8 \pm 1.4*
	Sulfadiazine 40 μ g/ml + pyrimethamine 1 μ g/ml + Morphine 1 μ g/ml	68 \pm 9.8	14 \pm 2.8*

Supplementary Table 2: Viability of drug-treated macrophages in comparison with the control group using MTT

(μ g/ml)	Name of drugs	Viability (%)	Cytotoxicity
	Control	100	0
	Morphine 100 μ g/ml	70.3	29.7
	Morphine 10 μ g/ml	72.1	27.9
	Morphine 1 μ g/ml	77.2	22.8
	Morphine 0.1 μ g/ml	77.9	22.1
	Morphine 0.01 μ g/ml	88.8	11.2
	Sulfadiazine 40 μ g/ml + Pyrimethamine 1 μ g/ml	75.6	24.4
	Sulfadiazine 40 μ g/ml + Pyrimethamine 1 μ g/ml + Morphine 1 μ g/ml	73	27