

Accepted Manuscript

Title: Leptin Augments Protective Immune Responses in Murine Macrophages and Enhances Potential of Miltefosine against Experimental Visceral Leishmaniasis

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PII: S0001-706X(15)30045-0
DOI: <http://dx.doi.org/doi:10.1016/j.actatropica.2015.06.024>
Reference: ACTROP 3666

To appear in: *Acta Tropica*

Received date: 5-3-2015
Revised date: 19-6-2015
Accepted date: 22-6-2015

Please cite this article as: Shivahare, Rahul, Ali, Wahid, Vishwakarma, Preeti, Natu, S.M., Puri, Sunil K., Gupta, Suman, Leptin Augments Protective Immune Responses in Murine Macrophages and Enhances Potential of Miltefosine against Experimental Visceral Leishmaniasis. *Acta Tropica* <http://dx.doi.org/10.1016/j.actatropica.2015.06.024>

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**Leptin Augments Protective Immune Responses in Murine Macrophages and Enhances
Potential of Miltefosine against Experimental Visceral Leishmaniasis**

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Highlights

- Leptin reduces effective concentration of miltefosine by two-folds.
- Leptin induces host macrophages for the activation of Th1 biased immune responses.
- Leptin when combining with miltefosine boosted up host immunity.
- Leptin plus miltefosine heightened the phagocytic activity of macrophages.

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