

Summary

Microscopy of worms taken from animals treated with tetracycline for 14 and 21 days (14 d and 21 d) demonstrated substantial morphologic effects on the Wolbachia endobacterium by 14 d and complete degeneration of the endobacterial structures by 21 d. ³

[[SCORE=1.0]] [[WRD_COUNT = 84]]

We observed upregulation of transcripts primarily encoding proteins involved in amino acid synthesis and protein translation, and downregulation of transcripts involved in cuticle biosynthesis after both 7 d and 14 d of treatment. ³

[[SCORE=0.729166666667]] [[WRD_COUNT = 69]]

References

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@article{3,  
  author = {Ghedin E, Hailemariam T, Depasse JV, Zhang X,  
            Oksov Y, Unnasch TR, Lustigman S },  
  title = {Brugia malayi Gene Expression in Response to the  
            Targeting of the Wolbachia Endosymbiont by Tetracycline  
            Treatment. },  
  journal = {PLoS neglected tropical diseases },  
  year = {}  
}
```