Michael L. Grieneisen

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Education and postdoctoral studies:

Post Doctoral Studies

Department of Biochemistry, University of Nevada, Reno, Nevada, 1992-1995, Project: Juvenile hormone degradation pathways in various insects.

Doctorate of Philosophy (PhD)

Department of Biology, University of North Carolina, Chapel Hill, North Carolina, 1988-1992, Dissertation: The biosynthesis of ecdysteroids by prothoracic glands of *Manduca sexta*.

Bachelor of Science

Biology and Chemistry, Shippensburg University, Shippensburg Pennsylvania, 1983-1988

Publications:

Scientometric articles:

Grieneisen, M.L.; Zhang, M.H. (2011) Nanoscience and nanotechnology: Evolving definitions and growing footprint on the scientific landscape. *Small* 7: 2836-2839 (DOI: 10.1002/smll.201100387)

Grieneisen, M.L.; Zhang, M.H. (2011) The current status of climate change research. *Nature Climate Change* 1:72-73 (DOI: 10.1038/nclimate1093)

Grieneisen, M.L. (2010) The proliferation of nano journals. *Nature Nanotechnology* 5:825 (DOI: 10.1038/nnano.2010.216)

Review article:

Grieneisen, M.L. (1994) Recent advances in our knowledge of ecdysteroid biosynthesis in insects and crustaceans. *Insect Biochemistry and Molecular Biology* 24:115-132

Research articles:

Grieneisen, M.L.; Mok, A.; Kieckbusch, T.D.; Schooley, D.A. (1997) The specificity of juvenile hormone esterase revisited. *Insect Biochemistry and Molecular Biology* 27:365-376

Grieneisen, M.L.; Kieckbusch, T.D.; Mok, A.; Dorman, G.; Latli, B.; Prestwich, G.D.; Schooley, D.A. (1995) Characterization of the juvenile hormone epoxide hydrolase (JHEH) and juvenile hormone diol phosphotransferase (JHDPT) from *Manduca sexta* Malpighian tubules. *Archives of Insect Biochemistry and Physiology* 30:255-270

Grieneisen, M.L.; Warren, J.T.; Gilbert, L.I. (1993) Early steps in ecdysteroid biosynthesis: Evidence for the involvement of cytochrome P450 enzymes. *Insect Biochemistry and Molecular Biology* 23:13-23

Grieneisen, M.L.; Warren J.T.; Sakurai, S.; Gilbert, L.I. (1991) A putative route to ecdysteroids: Metabolism of cholesterol *in vitro* by mildly disrupted prothoracic glands of *Manduca sexta*. *Insect Biochemistry* 21:41-51

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Awards and honors:

National Science Foundation (NSF) Graduate Fellowship: 1988 -1992

Relevant employment:

Junior Specialist
University of California, Davis, Department of Land, Air and Water Resources. 2009 to present

Bibliographic Consultant
TDI Library Services (Los Angeles), Infotrieve Australia (Clayton, VIC, Australia), and Pinpoint Documents (Berkeley, CA). 2000 to 2010

President, Scientific Reference Resources
Company which published scientific newsletters on entomological topics, based in Davis, CA. 1997 to 2002