

Dr. Gail Waring's Publications

- 2010** Wu., T., Manogaran, A.L., Beauchamp, J.M., and Waring, G.L. 2010. *Drosophila* vitelline membrane assembly: A critical role for an evolutionarily conserved cysteine in the “VM domain” of sV23. *Developmental Biology*: 347, 360-68.
- 2007** Spangenberg, D. K. and G.L. Waring. (2007) A mutant *dec-1* transgene induces dominant female sterility in *Drosophila*. *Genetics* 177:1595-1608
- 2004** Manogaran, A. and G.L. Waring. 2004. The N-terminal prodomain of sV23 is essential for the assembly of a functional vitelline membrane network in *Drosophila*. *Developmental Biology*, 270:261-271.
- 2003** Mauzy-Melitz, D. and G.L. Waring. 2003. fc177, a minor *dec-1* proprotein, is necessary to prevent ectopic aggregation of the endochorion during eggshell assembly in *Drosophila*. *Developmental Biology*, 255:193-205.
- 2001** Trougakos, I.P., I.S. Papassideri, G.L. Waring and L.H. Margaritis. 2001. Differential sorting of constitutively co-secreted proteins in the ovarian follicle cells of *Drosophila*. *European J of Cell Biology*, 80: 271-84.
- Badciong, J.C, J.M. Otto and G.L. Waring. 2001. The functions of the multiproduct and rapidly evolving *dec-1* eggshell gene are conserved between evolutionarily distant species of *Drosophila*. *Genetics*. 159:1089-102
- 2000** Nogueron, M.I., D. Mauzy-Melitz and G.L. Waring. 2000. *Drosophila dec-1* eggshell proteins are differentially distributed via a multi-step extracellular processing and localization pathway. *Developmental Biology*, 225:459-70.
- 1996-97** Pascucci, T., J. Perrino, A.P. Mahowald and G.L. Waring. 1996. Eggshell assembly in *Drosophila*: Processing and localization of vitelline membrane and chorion proteins. *Developmental Biology*, 177:590-598.
- 1995-96** Nogueron, M.I. and G.L. Waring. 1995. Regulated processing of *dec-1* eggshell proteins in *Drosophila*. *Developmental Biology*, 172, 272-279.
- 1990-91** Waring, G. L., R. J. Hawley, T. Schoenfeld. 1990. Multiple proteins are produced from the *dec-1* eggshell gene in *Drosophila* by alternative RNA splicing and proteolytic cleavage events. *Devel. Biol.*, 142: 1-12.
- 1989-90** Savant, S.S. and G.L. Waring. 1989. Molecular analysis and rescue of a vitelline membrane mutant in *Drosophila*. *Dev. Biol.*, 135:43-52.
- 1988-89** Popodi, E., P. Minoo, T. Burke and G.L. Waring. 1988. Organization and expression of a second chromosome follicle cell gene cluster in *Drosophila*. *Dev. Biol.*, 127:248-256.
- 1987-88** Burke, T. G.L. Waring, E. Popodi and P. Minoo. 1987. Characterization and sequence of follicle cell genes selectively expressed during vitelline membrane formation in *Drosophila*. *Dev. Biol.*, 124:441-450.
- Hawley, R.J. and G.L. Waring. 1988. Cloning and analysis of the *dec-1* female-sterile locus, a gene required for proper assembly of the *Drosophila* eggshell. *Genes and Dev.*, 2:341-349.

- 1986-87** Waring, G.L. and J.C. Pollack. 1987. Cloning and characterization of a dispersed, multicopy, X chromosome sequence in *Drosophila melanogaster*. *Proc. Nat'l. Acad. Sci.*, 84:2843-2847.
- Bauer, B.J. and G.L. Waring. 1987. 7C female sterile mutants fail to accumulate early eggshell proteins necessary for later chorion morphogenesis in *Drosophila*. *Dev. Biol.*, 121:349-358.
- 1984-85** Fargnoli, J. and G.L. Waring. 1984. Identification and cytogenetic localization of vitelline membrane messenger RNAs in *Drosophila*. *Dev. Biol.*, 105:41-47.
- 1983-84** Waring, G.L., J.P. DiOrio and S. Hennen. 1983. Isolation of a germ line dependent female sterile mutation that affects yolk specific sequestration and chorion formation in *Drosophila*. *Dev. Biol.*, 100:452-463.
- 1982-83** Fargnoli, J. and G.L. Waring. 1982. Identification of vitelline membrane proteins in *Drosophila melanogaster*. *Dev. Biol.*, 92:306-314.

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- 1978-79** Waring, G.L., C.D. Allis and A.P. Mahowald. 1978. Isolation of polar granules and the identification of polar granule specific protein. *Dev. Biol.*, 66:197-206.
- Waring, G.L. and A.P. Mahowald. 1979. Identification and time of synthesis of chorion proteins in *Drosophila melanogaster*. *Cell*, 16:599-608.
- Spradling, A.C., G.L. Waring and A.P. Mahowald. 1979. *Drosophila* bearing the ocelliless mutation under produce two major chorion proteins both of which map near this gene. *Cell*, 16:609-616.
- Waring, G.L. 1978. Nonsecreting myeloma variants with heavy chain carbohydrate deficiencies. *Biochem. Gen.*, 16:69-78.
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- Waring, G., M.C. Poon and S.T. Bowen. 1970. The hemoglobins of *Artemia salina* II. Isolation of three hemoglobins. *Int. J. Biochem.*, 1:537-545. (reprint unavailable)