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Dissertation

[Structure and function of Hedgehog Acyltransferase in normal and cancer cells \(2015\)](#)

Mentor

[Marilyn Resh, PhD](#)

Start Year

2008

End Year

2016

Education

University of Massachusetts Amherst

Publications

[Matevossian A, Resh MD. \(2015\) Hedgehog Acyltransferase as a target in estrogen receptor positive, HER2 amplified, and tamoxifen resistant breast cancer cells. *Mol Cancer*, 14, 72 \[Epub ahead of print\]](#)

[Matevossian A, Resh MD. \(2015\) Membrane topology of hedgehog acyltransferase. *J Biol Chem.*, 290, 2235-43. PMID: PMC4303674.](#)

[Petrova E, Matevossian A, Resh M. \(2014\) Hedgehog acyltransferase as a target in pancreatic ductal adenocarcinoma. *Oncogene*, 1-6.](#)

[Callier P, Calvel P, Matevossian A, Makrythanasis P, Bernard P, Kurosaka H, Vannier A, Thauvin-Robinet C, Borel C, Mazaud-Guittot S, Rolland A, Desdoits-Lethimonier C, Guipponi M, Zimmermann C, Stévant I, Kuhne F, Conne B, Santoni F, Lambert S, Huet F, Mugneret F, Jaruzelska J, Faivre L, Wilhelm D, Jégou B, Trainor P, Resh M, Antonarakis S, Nef S. \(2014\) Loss of function mutation in the palmitoyl-transferase HHAT leads to syndromic 46, XY disorder of sex development by impeding Hedgehog protein palmitoylation and signaling. *PLoS Genet*, 10, 1-12. PMID: PMC4006744.](#)

[Amrani Y, Gill J, Matevossian A, Alonzo E, Yang C, Shieh J, Moore M, Park C, Sant-Angelo D, Denzin L. \(2011\) The Paf oncogene is essential for hematopoietic stem cell function and development. *J Exp Med*, 208, 1757-1765. PMID: PMC3171089.](#)

[View a full listing of Armine Matevossian's journal articles.](#)

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