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Email

sanfilip@sloankettering.edu

Dissertation

[Landscape, biogenesis and function of 3' UTR isoforms in Drosophila \(2017\)](#)

Mentor

[Eric C. Lai, PhD](#)

Start Year

2009

End Year

2017

Education

Keyon College

Fellowships

Geoffrey Beene Graduate Student Fellowship (2010-2011)

Publications

[Sanfilippo P, Wen J, Lai EC. \(2017\) Landscape and evolution of tissue-specific alternative polyadenylation across *Drosophila* species. *Genome Biol.* 18, 229. PMID: PMC5707805](#)

[Lin CJ, Wen J, Bejarano F, Hu F, Bortolamiol-Becet D, Kan L, Sanfilippo P, Kondo S, Lai EC. \(2017\) Characterization of a TUTase/RNase complex required for *Drosophila* gametogenesis. *RNA.* 23, 284-296. PMID: PMC5311484 \[Available on 2018-03-01\]](#)

[Sanfilippo P, Miura P, Lai EC. \(2017\) Genome-wide profiling of the 3' ends of polyadenylated RNAs. *Methods* 126, 86-94. PMID: PMC5583017 \[Available on 2018-08-15\]](#)

[Sanfilippo P, Smibert P, Duan H, Lai EC. \(2016\) Neural specificity of the RNA-binding protein Elav is achieved by post-transcriptional repression in non-neural tissues. *Development* 143, 4474-4485. PMID: PMC5201049 \[Available on 2017-12-01\]](#)

[Sanfilippo P, Smibert P, Duan H, Lai EC. \(2017\) Neural specificity of the RNA-binding protein Elav is achieved by post-transcriptional repression in non-neural tissues. *Development* 144, 1578. PMID: PMC5201049](#)

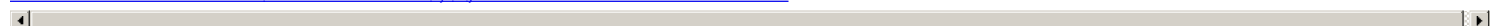
[Shenker S, Miura P, Sanfilippo P, Lai EC. \(2015\) IsoSCM: improved and alternative 3' UTR annotation using multiple change-point inference. *RNA.* 21, 14-27. PMID: PMC4274634.](#)

[Garaulet DL, Castellanos MC, Bejarano F, Sanfilippo P, Tyler DM, Allan DW, Sánchez-Herrero E, Lai EC. \(2014\) Homeotic function of *Drosophila* Bithorax-complex miRNAs mediates fertility by restricting multiple Hox genes and TALE cofactors in the CNS. *Dev Cell.* 29, 635-48. PMID: PMC4111139.](#)

[Miura P, Sanfilippo P, Shenker S, Lai EC. \(2014\) Alternative polyadenylation in the nervous system: to what lengths will 3' UTR extensions take us? *Bioessays.* 36, 766-77. PMID: PMC4503322.](#)

[Westholm JO, Miura P, Olson S, Shenker S, Joseph B, Sanfilippo P, Celniker SE, Graveley BR, Lai EC. \(2014\) Genome-wide Analysis of *Drosophila* Circular RNAs Reveals Their Structural and Sequence Properties and Age-Dependent Neural Accumulation. *Cell Rep.*, 9, 1966-80. PMID: PMC4279448.](#)

[Hayes ET, Wilks JC, Sanfilippo P, Yohannes E, Tate DP, Jones BD, Radmacher MD, BonDurant SS, Slonczewski JL. \(2006\) Oxygen limitation modulates pH regulation of catabolism and hydrogenases, multidrug transporters, and envelope composition in *Escherichia coli* K-12. *BMC Microbiol.*, 6, 89. PMID: PMC1626474.](#)



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