

**Pravrutha Raman**  
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**Education**

2019-present	Postdoctoral Associate, Basic Sciences Division, Fred Hutchinson Cancer Research Center, Seattle, WA, USA. Advisor: Dr. Harmit Malik
2012 - 2019	Ph. D. Biological Sciences, Department of Cell Biology and Molecular Genetics, University of Maryland, College Park, MD, USA. Advisor: Dr. Antony Jose
2009 - 2010	MSc. Medical Genetics, Newcastle University, Newcastle upon Tyne, UK. Advisor: Dr. Robert Taylor
2005 - 2009	B. Tech. Biotechnology, VIT University, Vellore, TN, India.

**Employment**

2011-2012	Research assistant, Sultan Qaboos University, Genetics Department, Muscat, Oman.
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**Awards and Honors**

2018	Awarded Jacob K. Goldhaber Travel Grant, UMD, College Park, MD
2018	Board of Visitors Fellowship (Best All Around Award - Summer Fellowship) UMD, College Park, MD.
2018	Winner, University of Maryland 3 Minute Thesis Competition.
2017	Genetics Society of America and <i>C.elegans</i> Conference Travel Award.
2017, 2018	Molecular and Cell Biology Travel Award, UMD, College Park, MD.
2014, 2017	Best Poster Award at Annual Molecular and Cell Biology (MOCB) Retreat, UMD, College Park, MD.
2012-2013	Dean's Fellowship from Biological Sciences Graduate Program, UMD, College Park, MD.

**Professional Experience and Service**

2020	Co-organizer, Fragile Nucleosome Discussion Group and Seminar Series ( <a href="https://generegulation.org/fragile-nucleosome/">https://generegulation.org/fragile-nucleosome/</a> )
2018	Mentor, New York Academy of Science and Global Stem Alliance (1000 girls 1000 futures program).
2016	Attendee, AHEAD (Association on Higher Education and Disability) conference.
2015-16, 2017-19	Member, Genetics Society of America.
2013	Session Moderator, Annual MOCB Retreat UMD, College Park, MD.
2013-2014	Treasurer, BISI Graduate Student Association, UMD, College Park, MD.

## Posters

- 2018 CSHL Epigenetics and Chromatin Meeting, Cold Spring Harbor, NY.  
Authors: Devanapally, S.\*, **Raman, P.\***, Allgood, S., Ettefa, F., Diop, M. et al.
- 2018 Annual MOCB Retreat UMD, College Park, MD.  
Authors: Devanapally, S.\*, **Raman, P.\***, Allgood, S., Ettefa, F., Diop, M. et al.
- 2017 21<sup>st</sup> International *C.elegans* Conference, UCLA, Los Angeles, CA.  
Authors: **Raman, P.**, Zaghab, S., Traver, E.T. and Jose, A.
- 2017 Annual MOCB Retreat UMD, College Park, MD.  
Authors: **Raman, P.**, Zaghab, S., Traver, E.T. and Jose, A.
- 2015 20<sup>th</sup> International *C.elegans* Conference, UCLA, Los Angeles, CA.  
Authors: **Raman, P.\***, Zaghab, S.\*, Traver, E.T. and Jose, A.
- 2014, 2015 Annual MOCB Retreat UMD, College Park, MD.  
Authors: **Raman, P.\***, Zaghab, S.\*, Traver, E.T. and Jose, A.

\*Equal contribution.

## Talks

- 2016 Annual MOCB Retreat UMD, College Park, MD.
- 2013-2018 Annual presentation at Baltimore Worm Club, UMBC, Baltimore, MD.
- 2013, 2016, 2018 Departmental Research in Progress Seminar, UMD, College Park, MD.
- 2018, 2019 Biological Sciences Lightning talks, UMD, College Park, MD.

## Preprint Publications

1. Devanapally, S.\*, **Raman, P.\***, Allgood, S., Ettefa, F., Diop, M., Chey, M., Lin, Y., Cho, Y.E., Yin, R. and Jose, A.M. (2020). Recovery from transgenerational RNA silencing is driven by gene-specific homeostasis. *bioRxiv*.  
\*Equal contribution.

## Peer-reviewed Publications

1. **Raman, P.**, Zaghab, S., Traver, E.C., and Jose, A.M. (2017) The double-stranded RNA binding protein RDE-4 can act autonomously during feeding RNAi in *C. elegans*. *Nucleic Acids Res.* 45(14):8463-8473.
2. Alston, C.L., Schaefer, A.M., **Raman, P.**, Solaroli, N., Krishnan, K.J. et al. (2013) Late-onset respiratory failure due to TK2 mutations causing multiple mtDNA deletions. *Neurology*. 81(23):2051-3.
3. Fratter, C., **Raman, P.**, Alston, C.L., Blakely, E.L., Craig, K. et al. (2011) RRM2B mutations are frequent in familial PEO with multiple mtDNA deletions. *Neurology* 76(23):2032-4.