

OHSU radiation medicine resident funded by ASTRO

Shushan Rana, M.D., co-chief resident in the Department of Radiation Medicine is one of three early-career physician scientists to receive \$25,000 awards from the American Society for Radiation Oncology.

Rana will investigate how the microRNA miR-15a affects endothelial radiosensitivity through regulation of acid sphingomyelinase ceramide-induced apoptosis, a pathway which is preferentially induced at higher doses of radiation. His goal is find ways to improve the effectiveness of anti-tumor treatment.

The ASTRO Radiation Oncology Research Seed Awards support residents or fellows who are planning a career in basic science or clinical research in radiation oncology. The other recipients are Devarati Mitra, M.D., Ph.D., from the Dana-Farber Cancer Institute, and Ye Yuan, M.D., from the University of California, Los Angeles. They were recognized at ASTRO's 59th Annual Meeting, which took place September 24-27 at the San Diego Convention Center.



Shushan Rana, M.D.



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Posted by: Joseph Rojas in [Research awards](#)

On: Thursday, October 5, 2017

Tags: [American Society for Radiation Oncology](#), [ASTRO](#), [microRNA](#), [radiation medicine](#)

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About the Author

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