



American Society for Investigative Pathology  
*Investigating the Mechanisms of Disease*  
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## David Sullivan, PhD, Recipient of the 2015 ASIP Young Scientist Leadership Award



Dr. David Sullivan is the 2015 recipient of the ASIP Young Scientist Leadership Award, which recognizes outstanding and sustained achievements at the earliest stages of a career in biomedical research. Accomplishments include, but are not limited to, publications and presentations as well as volunteered service to ASIP. This award is funded through the generous support of the A.D. Sobel-ASIP Education Fund.

Dr. William Muller of Northwestern University praises Dr. Sullivan's many accomplishments as a young scientist by explaining his newly developed technique to "specifically enrich LBRC membrane away from contaminating membranes of the endothelial cell border, plasma membrane, and other organelles by subcellular fractionation on density gradients. The approach to selectively change the density of LBRC membrane was clever, but this was also a Herculean effort, requiring the pooling of multiple gradients from dozens of culture plates in order to obtain enough membrane." Dr. Sullivan is also heavily involved in ASIP as a past trainee member of the Program Committee and as an organizer of the Vascular and Mucosal Pathobiology Scientific Interest Group. His abstracts and his scientific achievements have earned him many travel awards from ASIP to attend the Annual Meeting at Experimental Biology.

Dr. F. William Luscinikas of Brigham and Women's Hospital, chair of the Vascular and Mucosal Pathobiology SIG, explains the importance of Dr. Sullivan's work by stating: "his results revealed new insights into the role of adhesion molecules CD99, CD155, and PECAM-1 localized in the endothelial cell LBRC. Interestingly, all three molecules participate in a sequential manner during monocyte transmigration."

Dr. Conrad Epting of Northwestern University touches on Dr. Sullivan's compassion and willingness to work with and help others. He states that Dr. Sullivan has "personally gone out of his way to support my technicians and three different clinical post-doctoral fellows." Dr. Epting goes on to describe how strong a leader and mentor Dr. Sullivan is within Dr. Muller's lab and the entire Pathology Department at Northwestern as well.

Dr. Sullivan received his PhD in Biochemistry from Cornell Medical College in 2008. Since then, he has been a postdoctoral fellow in the Department of Pathology at the Feinberg School of Medicine of Northwestern University under Dr. William Muller.

Dr. Sullivan presented his award lecture, "IQGAP1 is a Critical Regulator of Transendothelial Migration," on Saturday, March 28, 2015 at the ASIP 2015 Annual Meeting at Experimental Biology in Boston, Massachusetts during the Graduate Students Highlights in Pathology Research session. He received the ASIP Young Scientist Leadership Award on Monday, March 30, 2015 during the ASIP Membership Business Meeting and Awards Presentation.