

Scott Hultgren biography

Scott Hultgren is the Helen Lehbrink Stoeber Professor of Molecular Microbiology at Washington University in St. Louis where he also serves as the inaugural Director of the Center for Women's Infectious Disease Research. He was elected to the National Academy of Sciences in 2011. He received his undergraduate education at Indiana University, his Ph.D. at Northwestern University in Chicago, and his postdoctoral training at Umeå University in Sweden under the tutelage of Staffan Normark. He is also a Fellow of the American Association for the Advancement of Science (AAAS) and has been honored with a Distinguished Investigator Award at Washington University. He received the Eli Lilly award (1998), the preeminent Microbiology award granted for individuals younger than 40. In 2012 he was received "The Fellows Award" that recognizes a distinguished individual for outstanding achievement in science by the St. Louis Science Academy. He was the Co-Chair of National Conference sponsored by ORWH/NIH and Washington University, "Moving into the Future: New Dimensions and Strategies for Women's Health Research." Other honors include a Nobel Fellowship; an NIH Merit grant; an honorary Doctor of Philosophy at Umeå University in Sweden, a Shipley Lectureship at Harvard University and Chairmanship of a Gordon Conference on Microbial Attachment. Further, he has been recognized as Course Master of the Year and Academic Women's Network Mentor of the Year in honor of his dedication to teaching. Dr. Hultgren has mentored more than 50 individuals as pre- or post-doctoral trainees; fostering their success in establishing their own professional careers.



For further reading:

1. Anderson GG, Palermo JJ, Roth R, Heuser J, and Hultgren SJ. Intracellular bacterial biofilm-like pods in urinary tract infections. *Science* 2003. 301:105-107. PMID: 12843396.
2. Schwartz DJ, Kalas V, Pinkner JS, Chen SL, Spaulding CN, Dodson KW, and Hultgren SJ. Positively selected FimH residues enhance virulence during urinary tract infection by altering FimH conformation. *Proc Natl Acad Science USA*. 2013. 110:15530-7. PMID: 23785778.
3. Enterococcus faecalis to fibrinogen to prevent catheter-associated bladder infection in mice. *Sci Transl Med*. 2014. 6:254ra127. PMID: 25232179.

4. Cusumano CK, Pinkner JS, Han Z, Greene SE, Ford BA, Crowley JR, Henderson JP, Janetka JW, Hultgren SJ. Treatment and Prevention of urinary tract infections with orally active FimH inhibitors. *Sci Transl Med.* 2011. 3:109ra115. PMID: PMC3694776.

5. Hannan TJ, Roberts PL, Riehl TE, van der Post S, Binkley JM, Schwartz DJ, Miyoshi H, Mack M, Schwenderner RA, Hooton TM, Stappenbeck TS, Hansson GC, Stenson WF, Colonna M, Stapleton AE, and Hultgren SJ. Inhibition of cyclooxygenase-2 prevents chronic and recurrent cystitis. *EBioMedicine* 2014. 1:46-57.