

MBL SPECIAL LECTURE SERIES

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The S. Meryl Rose Lectureship

The Neural Crest

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Clare Baker received her B.A. in Zoology from the University of Cambridge in 1991 and her PhD from the University of Cambridge in 1995, where she worked with Chris Wylie and Janet Heasman. After a year's postdoctoral work with Nicole Le Douarin in Paris, she spent six years as a postdoc with Marianne Bronner-Fraser at the California Institute of Technology, working on both neural crest and neurogenic placode development in the chick. She returned to the University of Cambridge in 2002 to set up her own research group in what is now the Department of Physiology, Development and Neuroscience (then the Department of Anatomy). Her lab focuses on the development of the vertebrate head, in particular the peripheral sensory nervous system, from neurogenic placodes and the neural crest. She was a student in the MBL Embryology course in 1993 and has been involved in teaching the course since 1999.

ABOUT THE S. MERYL ROSE LECTURESHIP

The S. Meryl Rose Lectureship was established in honor of Dr. Rose's distinguished career as a research scientist and his dedication to teaching. Dr. Rose conducted innovative zoological research with a major emphasis on the regeneration of limbs of amphibians. He received his M.A. from Amherst College in 1935 and his Ph.D. in Zoology from Columbia in 1940.

During his career, Dr. Rose held professorships at Smith College, the University of Illinois, and Wesleyan University. From 1961 until his retirement, he was professor of experimental embryology and University Professor of Biology at Tulane University Medical School. Dr. Rose mentored 23 Ph.D. candidates and one M.D., encouraging all to develop and defend ideas even when they differed from his own. He authored and co-authored more than 50 published research papers, a number written in collaboration with his wife, Florence Rose, his long-time research co-worker and critic.

Dr. Rose spent many summers in Woods Hole doing research at the MBL. He was course director of the Marine Embryology course from 1950 to 1955 and served two terms as a member of the MBL's Board of Trustees. Dr. Rose was an avid sailor who loved sailing his sloop, *Mystic*, in Vineyard Sound. He will long be remembered by his students, colleagues, and friends for his great wit, devotion to science, boundless imagination, and unending generosity.



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