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Aerial Dispersal and Multiple-Scale Spread of Epidemic Disease: Unifying Principles or Wishful Thinking?

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Chris Mundt received his B.S. in Plant Science from Cornell University in 1979, his M.S. in Plant Pathology from Iowa State University in 1981, and his Ph.D. in Plant Pathology from North Carolina State University in 1985. He has since been on the faculty of the Department of Botany and Plant Pathology at Oregon State University, where he is currently a Professor. He also was a Visiting Scientist at the International Rice Research Institute from 1992-2001. His research interests are in the epidemiology of plant disease, the population genetics of plant pathogens, the genetics of host plant resistance, and sustainable agriculture. He has served as Associate Editor, Senior Editor, and Editor-in-Chief of the journal *Phytopathology* and is a Fellow of the American Phytopathological Society and the American Association for the Advancement of Science.

**Selected Publications:**

Mundt CC, Sackett KE, Wallace LD, Cowger C, Dudley JP. 2009. Long distance dispersal and accelerating waves of disease: Empirical relationships. *American Naturalist* 173(4):in press.

Mundt CC. 2002. Use of multiline cultivars and cultivar mixtures for disease management. *Ann. Review Phytopathology*. 40:381-410.

Zhu, Y. H. Chen, J. Fan, Y. Wang, Y. Li, J. Chen, J. Fan, S. Yang, L. Hu, H. Leungk, T.W. Mewk, P.S. Teng, Z. Wangk and C.C. Mundt. 2000. Genetic diversity and disease control in rice. *Nature* 406: 718-722.

<http://www.science.oregonstate.edu/bpp/faculty/mundt/>