



Alan H. Schulman

Alan H. Schulman is a professor of plant biotechnology and research director for genomics at MTT Agrifood Research Finland, as well as group leader at the Institute of Biotechnology, University of Helsinki. He holds a PhD in Cell and Developmental Biology (Yale University, 1986). His research concerns the role of retrotransposons in shaping plant genomes and epigenetic imprinting as well as their application as markers in mapping, genome analysis, and map-based cloning. His group has been dissecting the various stages of the retrotransposon life cycle in plants. This grew out of his fortuitous discovery of the first transposable element in barley in 1989. Map-based cloning efforts exploiting cereal genomic synteny focus on genes conferring biotic and abiotic stress resistance as well as grain quality traits.