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Non-Viral Gene Transfer

Progress in non-viral gene transfer will be reviewed as well as the challenges that have to be overcome. These include the formation of DNA complexes and their cellular interactions. Success in the use of non-viral vectors in the whole body in vivo will be emphasized.

Dr. Jon Wolff took his B.A. Degree in Chemistry at Cornell University in New York and earned his M.D. at The Johns Hopkins University School of Medicine in Maryland. He completed his medical residency and a fellowship in genetics and metabolism at the University of California, San Diego. He served as an Assistant Professor at the same institution for three years prior to his move to the University of Wisconsin, Madison in 1988. He began his career at the University of Wisconsin as an Assistant Professor and was appointed Director of the Biochemical Genetics Program at the Waisman Center for Mental Retardation in 1989. He currently serves the University as a Professor in the departments of Pediatrics and Medical Genetics and continues as Director of the Biochemical Genetics Program at the Waisman Center. Dr. Wolff holds board certifications in Pediatrics and Biochemical, Clinical, and Molecular Genetics. He is an associate editor for the *Journal of Gene Medicine* and is on the editorial board for the journals *Human Gene Therapy*, *Gene Therapy*, and *Cancer Gene Therapy*. His research on gene transfer was designated by the *Harvard Medical Newsletter* as one of the top ten medical advances of 1991. Currently, he serves on the National Institutes of Health's Recombinant DNA Advisory Committee.