

David Hirschberg PhD is Director of the Center for Human Immune Monitoring at Stanford University Medical School and Institute of Medicine in Palo Alto, CA. In his position, he develops and runs a translational medicine facility that incorporates genomic and proteomic assays to measure the health of the immune system into clinical medicine work flow. Previously, Dr Hirschberg worked as a Senior Research Scientist at Agilent Technologies where he was responsible for the creation of new applications using Agilent's genomic and proteomic platforms. Prior to his tenure at Agilent, Dr Hirschberg was employed at Bristol Myers Squibb, making antibody therapeutics to tumor associated antigens. Dr Hirschberg is a co-founder of BayHill Therapeutics, a company developing DNA vaccinations against autoimmune disease. He also serves on the scientific advisory board of Revalesio Inc. and has an academic appointment at the Mailman School of Public Health at Columbia University.

Shawn Levy PhD is an Assistant Professor of Biomedical Informatics, Molecular Physiology and Biophysics, and Director of the Vanderbilt Microarray Shared Resource and Functional Genomics Core facilities at Vanderbilt University Medical Center in Nashville, TN. His research focuses on structural and functional genomics, computational tools to understand genetic variation and its relationship to complex disease, and the relationship between metabolism and epigenetics. Dr Levy also maintains an active role in technology development, evaluation, and integration for Vanderbilt University Medical Center and is the founding Director for three core facilities that provide genomic services to the Vanderbilt community and external collaborators.

W Richard McCombie PhD is a Professor at Cold Spring Harbor Laboratory in New York. Dr McCombie's research areas of expertise include genome structure, DNA sequencing, and computational molecular biology. Dr McCombie is an expert in large-scale DNA sequence analysis, and his group played a major role in the complete sequencing of the genome of the plant model organism, *Arabidopsis thaliana*. From 1988-1992, Dr McCombie was a Senior Staff Fellow at the National Institutes of Health (NIH) where he was the leader of one of the first groups to carry out large-scale automated sequencing of genomic DNA and helped to organize the first large-scale EST sequencing project. Dr McCombie also participates in the Human Genome Project and concentrates on understanding the correlation between the structure and function of genetic material.

Richard Wilson PhD is Professor of Genetics, Professor of Molecular Microbiology, Research Member of the Siteman Cancer Center, and Director of the Genome Sequencing Center at Washington University School of Medicine, St. Louis, Missouri. Dr Wilson is an expert in molecular genetics and large-scale DNA sequence analysis, and his group in St. Louis is among the world's leaders in genome analysis. They have sequenced and analyzed billions of bases of DNA from the genomes of bacteria, yeast, roundworms, plants, vertebrates and humans. Dr Wilson and his colleagues at the Genome Center sequenced the first animal genome – that of the roundworm *Caenorhabditis elegans* – and contributed substantially to the sequencing and analysis of the human genome. More recently, Dr Wilson's laboratory has sequenced the genomes of additional animals, including chimpanzee, orangutan, mouse, chicken and platypus, in an effort to better interpret and understand the human genome sequence. Their current focus is to utilize genome sequencing and analysis technology to find clues that will facilitate more effective diagnosis and treatment of cancer and other human diseases.