The Remote Control of Gene Expression

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ABOUT THE SPEAKER
Professor Wendy Bickmore is Director of the MRC Human Genetics Unit, part of the MRC Institute of Genetics and Molecular Medicine at the University of Edinburgh.

After an undergraduate degree in Biochemistry at Oxford, she obtained her PhD at Edinburgh University. During postdoctoral training, she became fascinated by the structure and organization of chromosomes in the nucleus and as an independent fellow of the Lister Institute of Preventive Medicine (1991-1996) she went on to show that different human chromosomes have preferred positions in the nucleus, related to their gene content.

As an MRC group leader she then investigated how individual genes are organized and packaged in the nucleus and how they move in the cell cycle and during development. Current research in Wendy Bickmore’s laboratory focuses on how the spatial organization of the nucleus influences genome function in development and disease.

Wendy is an EMBO member and a Fellow of the Royal Society of Edinburgh and of the Academy of Medical Sciences. She is an editor on many journals including PLoS Genetics and Cell and is the President-Elect of the Genetics Society.