Curriculum Vitae

Joris Vermeesch, Ph.D.Ir.
Professor molecular cytogenetics and genome research

Birth date and place: 7 July 1965, Kortrijk
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Education

1988	Ir. Bioengineer University of Gent, Belgium
1988-1993	Ph.D in Chemistry, Nebraska, USA

Positions

1993-1999	Postdoctoral fellow, KU Leuven
1999-2001	Groupleader genomics in Aventis CropScience, Ghent, Belgium
2001-	Director Cytogenetics unit, Center of Human Genetics, UZ Leuven
2004-2007	Assistant Professor, Department of Human Genetics, KU Leuven
2007-2009	Associate Professor, Department of Human Genetics, KU Leuven
2008-	Coordinator Genomics Core, UZ-KU Leuven
2009-	Part time full Professor, Department of Human Genetics KU Leuven
2013-	Full Professor, Department of Human Genetics, KU Leuven
2016-	Chair Department of Human Genetics, KU Leuven

Memberships and affiliations

2008-2010	President-elect of the Belgian Society of Human Genetics
2008-	Elected board member of International Standards on Array CGH Consortium (ISCA)
1997-	Scientific board member of European Cytogenetics Association
2007-	Teaching at the European Genetic Foundation
2011	Board member of the International Society of prenatal Diagnosis
2012-2015	Scientific board member of European Society of Human Genetics (ESHG)

Member of the European Society of Human Reproduction (ESHRE)
Board member of Molecular Cytogenetics, Cytogenetics and Genome research, Prenatal diagnosis.
(Founding) Member of the steering committee of the European Cytogenetics external Quality Control
Founder of a spin-off company Cartagenia (www.cartagenia.com)

Biosketch *Joris R. Vermeesch, Ph.D. Ir*, is heading the department of human genetics, is professor Molecular Cytogenetics and genome research. He is heading the Constitutional Cytogenetics unit of the Center of Human Genetics, and coordinating the genomic core. Before taking up his current position, he was head of the genomics unit in the basic research division of Aventis CropScience and responsible for large scale genome analyses in several crops.

The laboratory has been pioneering genomic applications with a focus on preimplantation, prenatal and postnatal diagnosis. The group has a special focus on structural variation detection. The laboratory studies the mechanisms underlying chromosomal instability and rearrangements. It actively developed methods for single cell CNV detection and will continue to address outstanding questions about instability using single cell genomic approaches. In collaboration with clinical geneticists, the laboratory actively seeks to define the molecular causes of developmental, mental and behavioural disturbances. The group is partner of the SymbioSys, the systems biology center of excellence in computational biology to mine high throughput data analysis tools and to identify novel gene functions through data fusion methods and, at an institutional level, involved in creating the framework for genomic data storage, analysis and exchange. He has published over 250 papers with an H-index 45.