Dr Fredrik Mertens
Professor, senior consultant
Dept of Clinical Genetics, University and Regional Laboratories, Skåne University Hospital, Lund University, SE-221 85 Lund, Sweden
Tel.: 0046 46 173387
Fax.: 0046 46 131061
E-mail: Fredrik.Mertens@med.lu.se

Academic degrees
PhD, Lund University, Lund, Sweden (1988)
MD, Lund University, Lund, Sweden (1991)

Prizes and honors
The Alvarenga Prize, The Swedish Society of Medicine (1997)
The Oswald Vander Veken Prize, Flanders Fund for Scientific Research (2005)

Editorial board
Associate Editor, Genes, Chromosomes & Cancer (1999–present)
Co-editor, Database of Chromosome Aberrations in Cancer, US National Cancer Institute Cancer Genome Anatomy Project (2000–present)
Editorial Board Member of the Atlas of Genetics and Cytogenetics in Oncology and Haematology (2004–present)
Editorial board member of Cancer Genetics & Cytogenetics (2009-2010)
Editorial board member of Cancer Genetics (2011–present)
Editorial board member of Molecular Cytogenetics (2011–present)

Selected publications
Mitelman F, Johansson B, Mertens F. Fusion genes and rearranged genes as a function of chromosome aberrations in cancer. Nat Genet 36:331-334 (2004)

Mertens F, Strömberg U, Rydholm A, Gustafson P, Bauer HCF, Brosjö O, Mandahl N. Prognostic significance of chromosome aberrations in high-grade soft tissue sarcomas. J Clin Oncol 24:315-320 (2006).

Mitelman F, Johansson B, Mertens F. The impact of translocations and gene fusions on cancer causation. Nat Rev Cancer 7:233-245 (2007)

Nord KH, Magnusson L, Isaksson M, Nilsson J, Lilljebjörn H, Domanski HA, Kindblom L-G, Mandahl N, Mertens F Concomitant deletions of tumor suppressor genes MEN1 and AIP are essential for the pathogenesis of the brown fat tumor hibernoma. Proc Natl Acad Sci USA 107:21122-21127 (2010)

Jin Y, Möller E, Nord KH, Mandahl N, Vult Von Steyern F, Domanski HA, Mariño-Enríquez A, Magnusson L, Nilsson J, Sciot R, Fletcher CDM, Debiec-Rychter M, Mertens F. Fusion of the AHRR and NCOA2 genes through a recurrent translocation t(5;8)(p15;q13) in soft tissue angiofibroma results in upregulation of aryl hydrocarbon receptor target genes. Genes Chromosomes Cancer 51:510-520 (2012)

Selected text books

Fletcher CDM, Unni KK, Mertens F (Eds.). World Health Organization Classification of Tumours. Pathology and Genetics of Tumours of Soft Tissue and Bone. Lyon: IARC Press 2002