

Basic genetic principles for the non-geneticist

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The rapid introduction of novel molecular technologies into clinical practice in all areas of preimplantation and prenatal diagnosis requires familiarity with many genetic principles. In this flash-course we will review the genetic basis of human disease including cytogenetic aberrations, mosaicism, microdeletion syndromes and the consequences of sequence alterations. In addition we will review the different modes of inheritance. This will facilitate better understanding and participation in the rest of the Meeting.