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*Cover:* The cover image shows chromosome instability mediates neurodegeneration in ataxia telangiectasia. Aneuploidy affects cerebellar neurons of the ataxia telangiectasia brain. A nucleus analyzed by interphase chromosome-specific multicolor banding demonstrates monosomy of chromosome 14 and another nucleus demonstrates trisomy of chromosome 14. See I.Y. Iourov *et al.*, pp. 2656–2669.

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