

**2011**

1. Telomere length is associated with disease severity and declines with age in dyskeratosis congenita.  
**Alter BP, et al.** Haematologica. 2011 Nov 4. [Epub ahead of print]
2. Prolonged self-renewal activity unmasks telomerase control of telomere homeostasis and function of mouse hematopoietic stem cells.  
**Sekulovic S et al.** Blood. 2011 Aug 18;118(7):1766-73.
3. Telomere Length is a Determinant of Emphysema Susceptibility.  
**Alder JK, et al.** Am J Respir Crit Care Med. 2011 Jul 14. [Epub ahead of print]
4. Telomere length measurement - Caveats and a critical assessment of the available technologies and tools.  
**Aubert G, et al.** Mutat Res. 2011 Jun 8.
5. Decreased dyskerin levels as a mechanism of telomere shortening in X-linked dyskeratosis congenita.  
**Parry EM, et al.** J Med Genet. 2011 May;48(5):327-33.
6. Ancestral mutation in telomerase causes defects in repeat addition processivity and manifests as familial pulmonary fibrosis.  
**Alder JK, et al.** PLoS Genet. 2011 Mar;7(3):e1001352.
7. Telomere elongation followed by telomere length reduction, in leukocytes from divers exposed to intense oxidative stress--implications for tissue and organismal aging.  
**Shlush LI, et al.** Mech Ageing Dev. 2011 Mar;132(3):123-30.
8. Telomeres and prognosis in patients with chronic lymphocytic leukaemia.  
**Sellmann L, et al.** Int J Hematol. 2011 Jan;93(1):74-82.
9. Disruption of telomerase trafficking by TCAB1 mutation causes dyskeratosis congenita.  
**Zhong F, et al.** Genes Dev. 2011 Jan 1;25(1):11-6.

**2010**

10. Synchrony of telomere length among hematopoietic cells.  
Kimura M, et al. Exp Hematol. 2010 Oct;38(10):854-9.
11. Telomere length is inherited with resetting of the telomere set-point.  
Chiang YJ, et al. Proc Natl Acad Sci U S A. 2010 Jun 1;107(22):10148-53.

**2009**

12. A spectrum of severe familial liver disorders associate with telomerase mutations.  
Calado RT, et al. PLoS One. 2009 Nov 20;4(11):e7926.
13. Telomeres and disease  
Lansdorp PM. EMBO J. 2009 Sep 2;28(17):2532-40. Review.
14. Short telomeres resulting from heritable mutations in the telomerase reverse transcriptase gene predispose for a variety of malignancies.  
Hills M and Lansdorp PM. Ann N Y Acad Sci. 2009 Sep;1176:178-90.
15. Cellular senescence of white blood cells in very long-term survivors after allogeneic hematopoietic stem cell transplantation: the role of chronic graft-versus-host disease and female donor sex.  
Baerlocher GM, et al. Blood. 2009 Jul 2;114(1):219-22.



## 2008 and earlier

16. Reduced telomere length variation in healthy oldest old.  
Halaschek-Wiener J, et al. *Mech Ageing Dev.* 2008 Nov;129(11):638-41.
17. Significantly shorter telomeres in T-cells of patients with ZAP-70+/CD38+ chronic lymphocytic leukaemia.  
Röth A, et al. *Br J Haematol.* 2008 Nov;143(3):383-6.
18. Short telomeres are a risk factor for idiopathic pulmonary fibrosis.  
Alder JK, et al. *Proc Natl Acad Sci U S A.* 2008 Sep 2;105(35):13051-6.
19. Characterization of primitive hematopoietic cells from patients with dyskeratosis congenita.  
Goldman FD, et al. *Blood.* 2008 May 1;111(9):4523-31.
20. Telomeres and aging.  
Aubert G, Lansdorp PM. *Physiol Rev.* 2008 Apr;88(2):557-79. Review.
21. Telomeres, stem cells, and hematology.  
Lansdorp PM. *Blood.* 2008 Feb 15;111(4):1759-66. Review.
22. TIN2F, a component of the shelterin telomere protection complex, is mutated in dyskeratosis congenita.  
Savage SA, et al. *Am J Hum Genet.* 2008 Feb;82(2):501-9.
23. Adoptive transfer of effector CD8+ T cells derived from central memory cells establishes persistent T cell memory in primates.  
Berger C, et al. *J Clin Invest.* 2008 Jan;118(1):294-305.
24. Telomere length in paroxysmal nocturnal hemoglobinuria correlates with clone size.  
Baerlocher GM, et al. *Exp Hematol.* 2007 Dec;35(12):1777-81.
25. Short telomeres and high telomerase activity in T-cell prolymphocytic leukemia.  
Röth A, et al. *Leukemia.* 2007 Dec;21(12):2456-62.
26. Very short telomere length by flow fluorescence in situ hybridization identifies patients with dyskeratosis congenita.  
Alter BP, et al. *Blood.* 2007 Sep 1;110(5):1439-47.
27. Telomerase mutations in families with idiopathic pulmonary fibrosis.  
Armanios MY, et al. *N Engl J Med.* 2007 Mar 29;356(13):1317-26.
28. Longitudinal data on telomere length in leukocytes from newborn baboons support a marked drop in stem cell turnover around 1 year of age.  
Baerlocher GM, et al. *Aging Cell.* 2007 Feb;6(1):121-3.
29. Functional characterization of natural telomerase mutations found in patients with hematologic disorders.  
Xin ZT, et al. *Blood.* 2007 Jan 15;109(2):524-32.
30. Flow cytometry and FISH to measure the average length of telomeres (flow FISH).  
Baerlocher GM, et al. *Nat Protoc.* 2006;1(5):2365-76.
31. Identification and functional characterization of 2 variant alleles of the telomerase RNA template gene (TERC) in a patient with dyskeratosis congenita.  
Ly H, et al. *Blood.* 2005 Aug 15;106(4):1246-52.
32. Mutations in TERT, the gene for telomerase reverse transcriptase, in aplastic anemia.  
Yamaguchi H, et al. *N Engl J Med.* 2005 Apr 7;352(14):1413-24.
33. Functional characterization of telomerase RNA variants found in patients with hematologic disorders.  
Ly H, et al. *Blood.* 2005 Mar 15;105(6):2332-9.
34. Late presentation of dyskeratosis congenita as apparently acquired aplastic anaemia due to mutations in telomerase RNA.  
Fogarty PF, et al. *Lancet.* 2003 Nov 15;362(9396):1628-30.
35. Accelerated telomere shortening in hematological lineages is limited to the first year following stem cell transplantation.  
Rufer N, et al. *Blood.* 2001 Jan 15;97(2):575-7.
36. Telomere fluorescence measurements in granulocytes and T lymphocyte subsets point to a high turnover of hematopoietic stem cells and memory T cells in early childhood.  
Rufer N, et al. *J Exp Med.* 1999 Jul 19;190(2):157-67.