DAFTAR PUSTAKA

ACSM (American College of Sport Medicine). (2006) *ACSM's guidelines for exercise testing and pescription*. Philadelphia: Lippincott Williams & Wilkins.

Ambrose, JA. and Barua, RS. (2004) The phatophysiology of cigarette smoking and cardiovscular disease. *Journal of the American College of Cardiology*, 43(10), pp.1731 – 1737.

Avci, CB., (2012) Telomeres and Lifestyle Choices, Reviews on Selected Topics of Telomere Biology, Dr. Bibo Li (Ed.), ISBN: 978-953-51-0849-8, InTech, DOI: 10.5772/38254. Diunduh dari: http://www.intechopen.com/books/reviews-on-selected-topics-of-telomere-biology/telomeres-and-lifestyle-choices tanggal 15 Februari 2016.

Babizhayev, MA. and Yegorov, YE. (2010) Smoking and health: association telomere length and factor impacting on human disease, quality uf life and life span in a large population-base cohort under the effect of smoking duration. *Fundamental & Clinical Pharmacology*. Doi:10.1111/j.1472-8206.2010.00866.x

Blackburn, EH., Chiou, SS. (1981) Non-nucleosomal packaging of a tandemly repeated DNA sequence at termini of extrachromosomal DNA coding for rRNA in *Tetrahymena*. *Proc Natl Acad Sci U S A*, 78:2263-2267.

Bioinfoworld. (2013) *Don't miss the ending*. Diunduh dari https://bioinfoworld.wordpress.com/2013/03/17/dont-miss-the-ending/ tanggal 15 Februari 2106.

BPS (Badan Pusat Statistik). (2010) *Kewarganegaraan, Suku Bangsa, Agama, dan Bahasa Sehari-hari Penduduk Indonesia, Hasil Sensus Penduduk 2010*. Jakarta:BPS.

BPS (Badan Pusat Statistik). (2013) *Proyeksi Penduduk Indonesia 2010-2035.*. Jakarta:BPS.

Boccardi, V., Esposito, A., Rizzo, MR., *et al*. (2013) Mediterranean diet, telomere maintenance and health status among elderly. PloS ONE 8(4): e62781.

Broberg, K., Bjork, J., Paulsson, K., Hoglund, M., Albin, M. (2005) Constitutional short telomeres are strong genetic suscepibility markers for bladder cancer. *Carcinogenesis*. 26, pp. 1263-71

Brown, TA., (2002) *Genomes* 2nd edition. Oxford: Wiley-Liss.

Burton, B. and Freeman. (2000) Dietary Fiber and Energy Regulation. *J. Nutr.,*130, pp. 272S–275S.

Clark, DP., Pazdernik, NJ. (2012) *Biotechnology: Academic Cell Update*. London: Elsevier Inc. pp.35-50.

Dalgard, C., Benetos, A., Verhulst, S., *et al*. (2015) Leucocyte telomere length dynamics in women and men : menopause vs age effects. *Int.Journal of Epidemiology*, 44(5), pp.1688-1695.

Daniels, SR., Philip R.K., John A. M. (2000) Utility of Different Measures of Body Fat Distribution in Children and Adolescents. *Am. J. of Epid*. 152(12), pp.1179-1183

Dickson, MA., Hahn WC., Ino Y., *et al*. (2003) Human keratinocytes that express hTERT and also by pass a p16 (INK4a)-enforced mechanism that limits life span become immortal yet retain normal growth and differentiation characteristic. *Mol Cell Biol*., 20, pp.1436 – 1447.

Dinas Kesehatan Propinsi Sumbar, (2012) Profil Kesehatan Provinsi Sumtera Barat.

Dimri, GP., Lee, X., Basile, G., *et al*. (1995) A biomarker that identifies senescent human cells in culture and aging skin in vivo. *Proc Natl Acad Sci*., 92, pp.9363 – 9367.

Donohue, JF., (2006) Ageing, smoking and oxydative stress. *Thorax*, 61, pp.461-462.

Du, M. *et al*. (2012). Physical activity, sedentary behavior and leukocyte telomere length in women. *Am J Epidemiol*,175(5), pp.414 – 422.

Fahmida, U. dan Dillon, DHS. (2007) *Handbook Nutritional Assessment*. Jakarta: SEAMEO-TROPMED RCCN UI. pp.90-95

Frenck, RW., Blackburn, EH., Shannon, KM. (1998) The rate of telomere sequence loss in human leukocytes varies with age. *Proc Natl Acad Sci USA*,1998(95), pp.5607 – 5610.

Furukawa, S., Fujita, T., Shimabukuro, M., *et al.* (2004) Increased oxydative stress in obesity and its impact on metabolic syndrome. *J Clin Invest*, 114, pp. 1752 – 1761.

Gardner, M., Bann, D., Wiley, L., *et al*. (2014) Gender and telomere length: Systematic Review and meta analysis. *Exp Gerontol*.51, pp.15-27.

Geisler, F. (2013) Proteinbiosinthese, Transcription, Translation. Diunduh dari http://www.physiologie-online.com/ana_site/physi002.html tanggal 15 Februari 2016.

Greider, CW. and Blackburn, EH. (1985) Identification of a specific telomere terminal transferase activity in Tetrahymena extracts. *Cell*, 43, pp. 404 – 413.

Hahn, WC. (2003) Role of telomeres and Telomerase in the Pathogenesis of Human Cancer. *Journal of Clinical Oncology*, 21(10), pp. 2034-2043.

Harrington, L. (2004) These damage telomerase! *Curr Opin Genet*, 14(1), pp.22 – 28.

Harley, CB. (1991). Telomere loss: Mitotic clock or genetic time bomb? *Mutant Res*. 256, 271 – 282.

Harley, CB., Futcher, AB., Greider CW. (1990) Telomeres shorten during ageing of human fibroblasts. Nature 1990;345:458–60.

Hatma, RD. (2011) Lipid profiles among diverse ethnic groups in Indonesia. *Acta Medica Indonesiana*, 43(1), pp. 4 – 11.

IPAQ Research Committee, 2004. Guidelines for the data processing and analysis of the International Physical Activity Questionaire (short form). Diunduh dari http://www.ipaq.ki.se tanggal 20 April 2015

Isjwara, RI., Widjaya, L., Schultink, JW. (2007) Comparison of Body Compositional Indices Assessed by Underwater Weighing,Bioelectrical Impedance and Anthropometry in Indonesian Adolescent Girls. *Asia Pacific Journal of Clinical Nutrition*, 16 (4), pp. 641-648.

Kemenkes RI. (2013) Gambaran Kesehatan Lanjut Usia di Indonesia. Jakarta: Pusat Data dan Informasi.

Kemenkes RI. (2013) *Riset Kesehatan Dasar, RISKESDAS 2013*. Jakarta: Balitbangkes.

Kemenkes RI. (2010) *Riset Kesehatan Dasar, RISKESDAS 2010*. Jakarta: Balitbangkes.

Lee, M., Martin, H., Firpo, MA., *et al.* (2011) Inverse association between adiposity and telomere length. *Am J Hum Biol*, 23(1), pp. 100 – 106.

Liputo, NI., Agus, Z., Oenzil, F., *et al.* (2001) Contemporary Minangkabau food culture in West Sumatera, Indonesia. *AsiaPacific J Clin Nutr,* 10(1), pp.10-16.

Ludlow, AT., Zimmerman, JOB., Witkowski, S. *et al*. (2008) Relationship between physical activity level, telomere length and telomerase activity. *Med. Sci. Sport Exerc*., 40(10), pp.1764 – 1771.

Masi, S. (2014) *Leucocyte telomere length, inflamation and age-related disease*. Thesis. Institute of Cardiovascular Science University College London

McBride, J and Kraemer, WJ. (1999) Free radical, exercise and antioxidants. *Journal of Stregth and Conditioning Research*, 13(2), pp.175 – 183.

Montpetit, AJ., Alhareeri, AA., Montpetit, M., *et al*. (2014) Telomere length : A Review of Methods for Measurement. *Nurs. Res.,* 63(4), pp.289 – 299.

Nordfjall, K., Eliasson, M., Stegmayr, B., *et al.* (2008) Telomere length is associated with obesity parameters but with a gender differences. *Obesity*, 16, pp. 2682 – 2689.

Njajau, OT., Cawthon, RM., Damcott, CM., *et al*. (2007) Telomere length is patternally inherited and is associated with parental lifespan. *Proc. Natl. Acad. Sci.* USA. 104, pp.12135-39.

O'Challaghan, NJ. dan Fenech, M. (2011) A quantitative PCR method for measuring absolut telomere length. *Biological Procedures Online*. Diunduh dari http://www.biologicalproceduresonline.com/content/13/1/3 tanggal 12 Mei 2015

Opersko, PL., von Kobbe, C., Laine, JP., *et al.* (2002) Telomere binding protein TRF2 binds to and stimulates the Warner and Bloom syndrome helicases. *J Biol Chem*, 277, pp.41110-41119.

Ornish, D., Lin, J., Chan, JM. *et al.* (2013) Effect of comprehensive lifestyle changes on telomerase activity and telomere length in men with biopsy-proven low-risk prostate cancer: 5-year follow-up of a descriptive pilot study. *Lancet Oncol*, 14(11), pp.1112 – 1120.

Palm, W. (2008) How shelterin protect mammalian telomeres. *Annu Rev Genet*, 42, pp.301 -334.

Pano, J. (2005) *The Cell: Evolution of the first organism*. New York: Facts on file Inc. pp. 38-49.

Paul, L. (2011) Diet, nutrition and telomere length. *Journal of Nutritional Biochemistry*, 22, pp.895-901.

Perhimpunan Dokter Paru Indonesia (PDPI). (2003) *PPOK. Pedoman Diagnosis dan Penatalaksanaan di Indonesia*.

Pongchaiyakul, *et al*. (2005) Prediction of Percentage Body Fat in Rural Thai Population Using Simple Anthropometric Measurements. *Obesity Research*, 13(4), p. 729.

Purwaningsih, E. (2010) Telomer, aging dan karsinogenesis. *Jurnal Kedokteran Yarsi*, 18(2), pp.39 – 50.

Purwantyastuti. (2000) Relation of lipid peroxides to food habit, selected coronary heart disease risk factors and vitamin E supplementation in the elderly. Disertasi. University of Indonesia, Jakarta.

Radak, Z., *et al*. (2008) Systemic adaptation to oxidative challenge induced by regular exercise. *Free radical Biology & Medicine*, 44, pp. 153 – 149.

Ratnawati, H. (2002) Enzim telomerase dan karsinogenesis. *Jurnal Kedokteran Maranatha*, 2(1) , pp. 39-50.

Sastroasmoro, S. dan Ismael, S. (2002) *Dasar-dasar metodologi penelitian klinis*. Jakarta: Sagung Seto

Shammas, MA. (2011) Telomeres, lifestyle, cancer and aging. *Curr Opin Clin Nutr Metab Care Journal*, 14(1), pp.28-34.

Song, Z., Figura, G., Liu, Y., *et al.* (2010) Lifestyle impacts on the aging associated expression of biomarkers of DND damage and telomere dysfunction in human blood. *Aging cell*, 9(4), pp.607 – 615.

Stancovic, M. and Radovanovic, D. (2012) Oxidative stress and physical activity. *SportLogia*, 8(1), pp.1 – 11.

Steinert, S., Shay, JW., Wright, WE. (2004) Modification of subtelomeric DNA. *Mol Cell Biol*, 24, pp. 4571 – 4580.

Steiwe, T. and Butzer, BM. (2001) p73 in apoptosis. *Apoptosis*, 6, pp. 447 -452.

Sudarma, M. (2008) *Sosiologi untuk Kesehatan*. Jakarta: Penerbit Salemba Medika.

Sugiyono. (2009) *Metode Penelitian Kuantitatif Kualitatif dan R&D*. Bandung: CV.Alfabeta.

Sulastri, D., Rahayuningsih, S., Purwantyastuti. (2005) Pola Asupan Lemak, Serat, dan Antioksidan, serta Hubungannya dengan Profil Lipid pada Laki-laki Etnik Minangkabau. *Maj Kedokt Indon*, 55 (2), pp.61-66.

Susantiningsih, T. (2015) Obesitas dan Stres Oksidatif. JuKe Unila, 5(9), pp. 89 – 93.

Takahashi, Y., Kuro-o, M., Ishikawa, F. (2000) Aging Mechanism. *PNAS*, 97(23), pp.12407-12408.

Theimer, CA. and Feigon, J. (2006) Structure and function of telomerase RNA. *Curr Opin Struct Biol*, 16, pp. 307 – 318.

Tiernan, A. (2008) Mechanisms linking physical activity with cancer. *Nat Rev Cancer*, 8(3), pp.205 – 211.

United Nations, Department of Economic and Social Affairs (UNDESA), Population Division. (2015). *World Population Prospects: The 2015 Revision,* Volume I: Comprehensive Tables (ST/ESA/SER.A/379).

Valdes, AM. *et al.* (2005) Obesity, cigarette smoking and telomere length in women. *Lancet*, 36(6), pp.662-664.

Wang, J., *et al*. (1994) Asians Have Lower Body Mass Index (BMI) but HigherPercent Body Fat than Do Whites: Comparisons of Antropometric Measurement. *American Journal of Clinical Nutrition* 1994; 60, pp. 23-28.

Watson, JP. (2014) Nuclear Aging: The View from the Telomere end of the Chromosome Part 1 – context, history, and about telomere lengths. *Aging Sciences*. Diunduh dari http://www.anti-agingfirewalls.com/2014/02/03/nuclear-aging-the-view-from-the-telomere-end-of-the-chromsome-part-1-context-history-and-about-telomere-lengths-2/ tanggal 2 Oktober 2015.

Weischer, M.,Bojesen, SE., Nortdesgaart, BG. (2014) Telomere shortening unrelated to Smoking, body weight, physical activity and alcohol intake: 4.576 general population individuals with repeat measurements 10 years Apart, http://dx.doi.org/10.1371/journal.pgen.1004191.

Willett, W. (2013) *Nutritional Epidemiology*. New York: Oxford University Press.

World Health Organization, WHO.(2015) Global Health Observatory data repository: Life Expectancy – Data by Country. Geneva. Diunduh dari http://apps.who.int/gho/data/node.main.688?lang=en tanggal 14 februari 2016.

World Health Organization, WHO (2011) Obesity health topic. Diunduh dari http://www.who.int/topics/obesity/en/ tanggal 11 Mei 2015.

Yu, GL., Bradley, JD., Attardi, LD., *et al.* (1990) In vivo alteration of telomere sequences and senescence caused by mutated *Tetrahymena* telomerase RNAs. *Nature,* 344:126-132.

Yuwono, T. (2009) *Biologi Molekuler*. Jakarta: Erlangga.

Zikri, A., (2015) Merokok dan Kebiasaan Masyarakat Minang. Diunduh dari http://www.infosumbar.net/artikel/merokok-dan-kebiasaan-masyarakat-minang/ tanggal 15 Februari 2016


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