


Name/Surname		Terence DWYER, Professor
Affiliation		Murdoch Childrens Research Institute, Royal Childrens Hospital, Parkville, VIC, Australia
IARC Host Group	Epigenetics Group (EGE), IARC, Dr Z. Herceg	
Speciality	Environmental and genetic epidemiology in the investigation of children's health, and disease outcomes over the life course. Major focuses have been sudden infant death syndrome, cardiovascular disease, sun exposure related conditions, and more recently, childhood cancer	
Academic Degrees	MBBS, Hons 1971 (Medicine) University of New South Wales, Sydney, NSW, Australia, MPH 1977 (Epidemiology) Yale University, New Haven, CT, USA, M.D. 1985 (Medicine/Epidemiology) University of New South Wales, Sydney, NSW, Australia	
Selected Publications	<ul style="list-style-type: none"> • Cohort Profile : The international Childhood Cardiovascular Cohort (i3C) Consortium. Dwyer T, Magnussen CG, Raitakari OT, Schork NJ, Venn A, Burns TL, Juonala M, Steinberger J, Sinaiko AR, Prineas RJ, Davis PH, Woo JG, Morrison JA, Daniels SR, Chen W, Srinivasan SR, Viikari JS, Berenson GS. International Journal of Epidemiology 2012 Mar 20 Epub ahead of print • The reversibility of cardiovascular risk factors associated with childhood adiposity. The International Childhood Cardiovascular Cohort Consortium. Juonala M, Magnussen CG, Berenson GS, Venn AJ, Burns TL, Srinivasan SR, Daniels SR, Davie PH, Chen W, Sabin MA, Sun C, Cheung M, Viikari JSA, Dwyer T, Raitakari OT. New England Journal of Medicine N Engl J Med 2011 Nov17:365(20) 1876-85 • Current and past Epstein-Barr virus infection in risk of initial CNS demyelination. Lucas RM, Ponsonby AL, Dear K, Valery P, Pender MP, Burrows JM, Chapman C, Coulthard A, Dwyer DE, Dwyer T, Kilpatrick T, Lay ML, McMichael AJ, Taylor BV, van der Mei IA, Williams D. Neurology. 2011 Jul 26;77(4):371-9 • Sun exposure and vitamin D are independent risk factors for CNS demyelination. Lucas RM, Ponsonby AL, Dear K, Valery PC, Pender MP, Taylor BV, Kilpatrick TJ, Dwyer T, Coultards A, Chapman C, van der Mei I, Williams D, McMichael AJ. Neurology 2011 Feb8;76(6):540-8 • Association of change in daily step count over five years with insulin sensitivity and adiposity : population based cohort study. Dwyer T, Ponsonby AL, Ukoumunne OC, Pezic A, Venn A, Dunstan D, Barr E, Blair S, Cochrane J, Zimmet P, Shaw J. BMJ 2011 Jan 13;342:c7249 • Association of change in daily step count over five years with insulin sensitivity and adiposity : population based cohort study. Dwyer T, Ponsonby AL, Ukoumunne OC, Pezic A, Venn A, Dunstan D, Barr E, Blair S, Cochrane J, Zimmet P, Shaw J. BMJ 2011 Jan 13;342:c7249. • Sudden infant death syndrome and prone sleeping position. Dwyer T, Ponsonby AL.; Ann Epidemiol. 2009 Apr;19(4):245-9 • Decline in physical fitness from childhood to adulthood associated with increased obesity and insulin resistance in adults. Dwyer T, Magnussen CG, Schmidt MD, Ukoumunne OC, Ponsonby AL, Raitakari OT, Zimmet PZ, Blair SN, Thomson R, Cleland VJ, Venn A. Diabetes Care. 2009 Apr;32(4):683-7. Epub 2008 Dec 23 • Melanocortin 1 Receptor Genotype, Past Environmental Sun Exposure and Risk of Multiple Sclerosis. Dwyer T, van der Mei I, Ponsonby A-L, Taylor L, Stankovich B. V, McKay, J.D, Thomson R. J, Polanowski A. M, Dickinson J. L. ; Neurology 2008;71;583-589 	

	<ul style="list-style-type: none"> • Cohort profile: the International Childhood Cancer Cohort Consortium (I4C). Brown RC, Dwyer T, Kasten C, Krotoski D, Li Z, Linet MS, Olsen J, Scheidt P, Winn DM; Int J Epidemiol 2007 Aug;36(4):724-30 • Does the addition of information on genotype improve prediction of the risk of melanoma and nonmelanoma skin cancer beyond that obtained from skin phenotype? Dwyer T, Stankovich JM, Blizzard L, FitzGerald LM, Dickinson JL, Reilly A, Williamson J, Ashbolt R, Berwick M, Sale MM. Am J Epidemiol 2004 May 1;159(9):826-33 • Past exposure to sun, skin phenotype, and risk of multiple sclerosis: case-control study. van der Mei IA, Ponsonby AL, Dwyer T, Blizzard L, Simmons R, Taylor BV, Butzkueven H, Kilpatrick T.; BMJ 2003 Aug 9;327(7410):316 • Within pair association between birth weight and blood pressure at age 8 in twins from a cohort study. Dwyer T, Blizzard L, Morley R, Ponsonby AL. BMJ 1999 Nov 20;319(7221):1325-9 • Defining obesity in children by biological endpoint rather than population distribution. Dwyer T, Blizzard L. Int J Obes Metab Disord 1996 May;20(5):472-80 • The contribution of changes in the prevalence of prone sleeping position to the decline in sudden infant death syndrome in Tasmania. Dwyer T, Ponsonby AL, Blizzard L, Newman NM, Cochrane JA. JAMA 1995 Mar 8;273(10):783-9 • Factors potentiating the risk of sudden infant death syndrome associated with the prone position. Ponsonby AL, Dwyer T, Gibbons LE, Cochrane JA, Wang TG. New England Journal of Medicine. 1993 Aug 5 ;329(6) :377-82 • Prospective cohort study of prone sleeping position and sudden infant death syndrome Dwyer T, Ponsonby AL, Newman NM, Gibbons LE. Lancet 1991 May 25;337(8752):1244-7 • An investigation of the effects of daily activity on the health of primary school students in SouthAustralia. Dwyer T, Coonan WE, Leitch DR, Hetzel BS, Baghurst RA. Int J Epidemiol. 1983 Sep;12(3):308-13
Programme at IARC	Expansion of the International Childhood Cancer Cohort Consortium (I4C)
Short background	<p>Professor Terry Dwyer recently stepped down as Director of the Murdoch Childrens Research Institute, an organisation with over 1500 staff and 140 postgraduate students. It is based at the Royal Children’s Hospital in Melbourne and covers the spectrum of laboratory, clinical and population health research.</p> <p>He has had a major involvement in SIDS research and in addition has maintained an interest in research on the effect of lifestyle on health and, in particular, on the role of both physical activity, and sun exposure in relation to disease His current work focuses on the joint effects of genes and environment in diseases as diverse as cancer, cardiovascular disease and multiple sclerosis.</p> <p>He was a member of Australia’s National Health and Medical Research Council’s Research Committee; and was also Chair of the World Health Organization’s Western Pacific Region Advisory and a member of the World Health Organization’s Global Advisory Committee on Health Research. He is currently leading the I4C (International Childhood Cancer Cohort Consortium), and a member of the UK Biobank Scientific Advisory Board.</p> <p>In 1994 Professor Dwyer was a fellow of Green College Oxford. In 2000 he received a Global Health Leadership Fellowship from the World Health Organization, and in 2003 was awarded the Australian Society for Medical Research medallist for his work on SIDS. He spent eight months in 2004 at the</p>

	<p>National Institutes of Health in the USA advising on the design of the National Children's Study, which involved follow up of a cohort of 100,000 babies. Professor Dwyer was appointed a Member of the Order of Australia in 1998 and awarded a Centenary Medal in 2005.</p> <p>1977 – 1980 CSRIO Division of Human Nutrition, Adelaide 1977 – 79: Research Fellow in Epidemiology 1980: Senior Research Scientist</p> <p>1981 – 1985 Commonwealth Institute of Health, Sydney University (now School of Public Health and Tropical Medicine) Senior Lecturer in Epidemiology – responsible for the organisation and majority of the teaching in epidemiology. A considerable number of students from nations in the Western Pacific and Asia attended Sydney University for training in epidemiology during these years.</p> <p>1985 – 1993 Professor of Community Health, University of Tasmania 1988 – 1991 Dean of the Faculty of Medicine, University of Tasmania 1988 – 2001 Director, Menzies Centre for Population Health Research, University of Tasmania 2001 – 2004 Director, Menzies Research Institute, University of Tasmania 2004 – 2011 - Director, Murdoch Childrens Research Institute, Royal Childrens Hospital, Parkville, VIC, Australia, now Research Fellow</p>
Institutional webpage:	http://www.mcri.edu.au/