


# Speaker's Profile

## -Zoltan Endre-

<b>Speaker's Name</b>	Zoltan Endre	<b>Country</b>	New Zealand	
<b>Organization</b>	Univ. of Otago-Christchurch	<b>Department</b>	Department of Medicine	
<b>Education</b>	<p>1985: Ph.D., Sydney Univ. / Nuffield Medical Fellow, Oxford Univ.  1975: First class honours graduate, Medicine, Sydney Univ.  1972: First class honours graduate, Science, Sydney Univ.</p>			
<b>Experience</b>	<p>2003-Present: Nephrologist, Christchurch Hospital  1997-Present: Member, ISN (COMGAN) Commission on Acute Renal Failure  - Professor and Head, Department of Medicine, Univ. of Otago – Christchurch  - Visiting Professor/ Scholar, Okazaki, Gifu, Teheran, Heidelberg and Boston  - Honorary Professor, Medicine, Univ. of Queensland/ Bioengineering, Univ. of Canterbury  - Trainee, Nephrology, Prince Henry and Prince of Wales Hospitals, Sydney  - Nephrologist, Oxford, Brisbane and Christchurch, Durban  - Editorial Board, Kidney International, Nephrology  - Deputy Editor-in-chief, Internal Medicine Journal</p>			
<b>Main Specific Publication</b>	<p>Professor Endre's main research and clinical interests are the mechanisms, modulation and treatment of acute kidney injury (acute renal failure), mechanisms of progression in chronic renal failure and the use of magnetic resonance for renal studies. He has published widely in both basic and clinical kidney-related research, particularly in the renal applications of magnetic resonance and on the detection, mechanisms and treatment of acute kidney injury.</p> <p>Over 100 Peer-reviewed papers, and 30 chapters and books</p> <ul style="list-style-type: none"> <li>- Kleinstreuer N, David T, Plank M, ENDRE ZH. Dynamic Myogenic Autoregulation in the Rat Kidney: A Whole Organ Model. <i>Amer J Physiol. Renal Physiol.</i> 2008 Jun;294(6):F1453-64. Epub 2008 Mar 19.</li> <li>- Endre, Z. Hyponatraemia. In D. C. Harris, &amp; Colleagues (Eds.), <i>Clinical cases in kidney disease</i> (pp. 3-24). Sydney, Australia: McGraw-Hill. 2007</li> <li>- Endre, Z. H. Nephrogenic systemic fibrosis: Is any contrast safe in renal failure? [Editorial]. <i>Internal Medicine Journal</i>, 37, 429-431. 2007</li> <li>- Guan Z, Gobe G, Willgoss D, ENDRE ZH. Renal Endothelial Dysfunction And Impaired Autoregulation After Ischemia-Reperfusion Injury result from Excess Nitric Oxide. <i>Am J Physiol Renal Physiol.</i> 2006 Mar 28; 291:F619-28. [Epub 2006, Mar 28] (<a href="http://ajprenal.physiology.org/cgi/content/full/291/3/F619">http://ajprenal.physiology.org/cgi/content/full/291/3/F619</a>)</li> </ul>			
<b>Summary</b>	<p>Zoltán Endre has been Professor and Head of the Department of Medicine at the University of Otago - Christchurch, and a Nephrologist at the Christchurch Hospital since 2003. His main research and clinical interests are the mechanisms, modulation and treatment of acute kidney injury (acute renal failure), mechanisms of progression in chronic renal failure and the use of magnetic resonance for renal studies. Current research projects include biomarkers in early detection of acute kidney injury; volatile organic compounds in breath as markers of renal function and dysfunction; modeling of renal autoregulation and nephron flow; and mechanisms of progression of diabetic kidney and cardiac disease.</p>			

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