University of Birmingham

Dr Parth Narendran PhD, MRCP

Clinical Senior Lecturer and Honorary Consultant in Medicine

Endocrinology, Diabetes and Metabolism

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About

Parth Narendran is a Clinical Senior Lecturer in the School of Clinical and Experimental Medicine, and a Consultant in Medicine at University Hospital Birmingham.

Qualifications

- PhD
- MRCP
- MB BS (London)
- BSc

Biography

Parth Narendran qualified from Kings College London and undertook his post-graduate clinical training in Manchester, Bristol and London. He conducted his PhD studies on the immune mechanisms underlying the development of type 1 diabetes while at Bristol, completing these with funding from the British Diabetic Association. He was subsequently awarded a JDRF post-doctoral fellowship to undertake a two year period of research at the Walter and Eliza Hall Institute of Medical Research in Melbourne, Australia. He took up his current post of clinical senior lecturer at the University of Birmingham in 2005.

Teaching

Parth is the lead for Medicine for the final year Medicine course at the University of Birmingham Medical School. He is also the Academic Foundation Year 1 lead for Diabetes and Endocrinology.

Postgraduate supervision

Parth is or has been involved in the supervision of both non clinical and clinical post graduate trainees. These include Academic Foundation Trainees, Academic Clinical Fellows, PhD and MD students, and post doctoral fellows. If you are interested in studying any of the subject areas outlined below, please contact Parth directly, or for any general doctoral research enquiries, please email: dr@contacts.bham.ac.uk (mailto:dr@contacts.bham.ac.uk) or call +44 (0)121 414 5005.

For a full list of available Doctoral Research opportunities, please visit our **Doctoral Research programme listings.** (http://www.bham.findaphd.com/?es=y&apl=y&aplt=&show)

Research

Parth Narendran's research interests focus on the immunology of type 1 diabetes, on the influence of obesity and insulin resistance on this disease process, and the mechanisms of immune tolerance as it relates to type 1 diabetes. He has received funding from Diabetes UK, JDRF, DRWF, NIHR, and the Insulin Dependent Diabetes Trust to support his research.

Other activities

Parth's clinical interests focus on type 1 diabetes and he is involved in the structured education programme, the adolescent transition and insulin pump service for University Hospital Birmingham NHS Foundation Trust.

Parth is also the Diabetes theme lead for the Birmingham and Black Country Comprehensive Local Research Network (Link to BBC CLRN website)

Publications

Eldershaw SA, Sansom DM, Narendran P. (2011) **Expression and function of the autoimmune regulator (Aire) gene in non-thymic tissue.** (http://www.ncbi.nlm.nih.gov/pubmed/21303359) **Clin Exp Immunol.** 2011 Mar;163(3):296-308. doi: 10.1111/j.1365-2249.2010.04316.x.

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Narendran P, Creely SJ, Syed A, Tesfaye S, Winer J, Singh BM. (2010) **Aggressive and devastating neuropathy: the consequence of untreated slow-onset type 1**

diabetes. (http://www.ncbi.nlm.nih.gov/pubmed/20663807) **QJM**. Jul 27. [Epub ahead of print]

Shivu GN, Abozguia K, Phan TT, Ahmed I, Weaver R, Narendran P, Stevens M, Frenneaux M. (2009) **Increased left ventricular torsion in uncomplicated type 1 diabetic patients: the role of coronary microvascular function.** (http://www.ncbi.nlm.nih.gov/pubmed/19509006) **Diabetes Care.** Sep;32(9):1710-2. Epub 2009 Jun 9.

Pang TT, Narendran P. (2008) **Addressing insulin resistance in Type 1 diabetes.** (http://www.ncbi.nlm.nih.gov/pubmed/19183305) **Diabet Med**. Sep;25(9):1015-24. Review.

Pang TT, Narendran P. (2008) **The distribution of adiponectin receptors on human peripheral blood mononuclear cells.** (http://www.ncbi.nlm.nih.gov/pubmed/19120283) **Ann N Y Acad Sci.** Dec;1150:143-5.

Syed A, Hussain S, Nightingale P, De P, Charlton MH, Gangopadhyay K, Barnett AH, Narendran P. (2007) **Cardiovascular risk factors and their management in 1282 adult people with type 1 diabetes.** (http://www.ncbi.nlm.nih.gov/pubmed/17931464) **Curr Med Res Opin.** Dec;23(12):2921-7.

Narendran P, Neale AM, Lee BH, Ngui K, Steptoe RJ, Morahan G, Madsen O, Dromey JA, Jensen KP, Harrison LC. (2006) **Proinsulin is encoded by an RNA splice variant in human blood myeloid cells.** (http://www.ncbi.nlm.nih.gov/pubmed/17053071) **Proc Natl Acad Sci** U S A. Oct 31;103(44):16430-5. Epub 2006 Oct 19.