THE CHILDREN'S RESEARCH CENTRE

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PUBLICATIONS


Wester T, O’Briain DS, Puri P. NADPH-diaphorase containing nerve fibers and neurons in the myenteric plexus are resistant to postmortem changes. Archives of Pathology & Laboratory Medicine 122/5: 461-466, 1998.

CHAPTERS PUBLISHED


INVITED SPEAKERS/GUEST LECTURERS TO INTERNATIONAL MEETINGS

Professor Brendan Drumm

Invited Lecturer, American Gastroenterology Association Meeting, New Orleans.

Guest Lecturer, Canadian Gastroenterology Association, Banff, Alberta.


Invited Lecturer, European Gastroenterology Club, Munster, Germany.


Invited Lecturer, Italian Gastroenterology Society Meeting, Bologna.

Invited Lecturer, University of Nottingham, Paediatric Symposium, Nottingham.

Dr. Karina Butler

Invited Speaker, The International Congress of Materno-Fetal Medicine and Fetal Cardiology, Amsterdam.

Invited Speaker, European Paediatric Hepatitis C Network Meeting, Turin

Mr. Frank Dowling

Invited Speaker, Dupuy Meeting, Marbaya

Dr. Caroline Goldberg

Invited Debate Speaker, International Research Society of Spinal Deformities, Burlington, Vermont, U.S.A.
Mr. Prem Puri

Invited Speaker, 1st International Meeting, New Trends in Paediatrics, Genova, Italy

Distinguished Annual Lecturer, Graz Children’s Hospital, Austria

Invited Speaker, Indian Association of Paediatric Surgeons, Coimbatore, India

Invited Speaker, Mediterranean Association of Paediatric Surgeons, Genova, Italy

Invited Speaker, 1998 Rohatgi Oration, Madras, India

Dr. Denis Reen

Invited Speaker, 10th International Congress of Immunology, New Delhi, India

Invited Speaker, European Union/NIAID, U.S.A. Workshop: Protection of Newborns and Infants from Infectious Diseases, Siena, Italy
INVITED SPEAKERS/GUEST LECTURERS TO IRISH MEETINGS

Dr. Gerard Canny

Guest Lecturer, Bill Kidney Memorial Lecture, Irish/American Pediatric Society Meeting, Killarney.

Dr. Karina Butler

Invited Speaker, Faculty of Paediatrics Consultant Study Day, Dublin

Invited Speaker, Seminars of Health for the Public, Dublin

Invited Speaker, The Four Provinces Meeting of the Institute of Obstetricians and Gynaecologists of The Royal College of Physicians of Ireland, Dublin

Mr. Frank Dowling

Invited Speaker, Spinal Instrumentation Course, RCSI, Dublin

Dr. D. Moore

Invited Lecturer, Advanced Ilizarov Trauma Meeting, Dundalk

Dr. Clare Nourse

Invited Speaker, Irish and American Paediatric Society Meeting, Killarney
PRESENTATIONS AT MEDICAL AND SCIENTIFIC INTERNATIONAL MEETINGS

**British Paediatric Neurology Association Annual Meeting, University of Manchester, 9-11 January 1998**

Rasmussen encephalitis involving the brainstem of a three year old child
S. Condon, J. McMenamin, M. Farrell

Rasmussen encephalitis causing severe behavioural regression and complex partial seizures: Improvement following temporal lobectomy
S. Condon, J. McMenamin, M. Farrell, D. Taylor

**British Scoliosis Society, Exeter, U.K., 26-27 March 1998**

Surface topography and Cobb angles in idiopathic scoliosis
C.G. Goldberg, D.P. Moore, E.E. Fogarty, F.E. Dowling

**Tenth International Phillip Zorab Scoliosis Symposium, Oxford, U.K., 30 March - 1 April 1998**

Growth patterns in children with congenital vertebral anomaly
C.G. Goldberg, D.P. Moore, E.E. Fogarty, F.E. Dowling

Scoliosis: In defence of biology
C.G. Goldberg, D.P. Moore, E.E. Fogarty, F.E. Dowling

**European Society of Paediatric Urology, 9th Annual Meeting, Salzburg, Austria, April 1998**

Is bacterial colonization of the prepuce affected by antibiotic prophylaxis?
S. Cascio, L. Lakshmandass, P. Puri

Increased c-met tyrosine kinase expression in segmental renal dysplasia
H. Shima, K. Ohshiro, P. Puri


Neurotrophic protein S-100 B induces apoptosis in cultured murine neuroblastoma cells (poster)
S. Xiong, P. Puri

**European Society of Paediatric Infectious Diseases, Slovenia, May 1998**

Characterisation of vertically transmitted hepatitis C infection in Ireland
M. Healy, M. Cafferkey, M. Beckett, K. Butler
Invasive meningococcal disease in Ireland
M. Healy, M. Cafferkey, O. Hensey, T. Bate, P. McMahon, J. Cosgrove, K. Butler

Eradication of vancomycin resistant *Enterococcus faecium* (VREF) from a paediatric oncology unit and hospital prevalence of VRE colonisation.
C. Nourse, C. Byrne, M. Kauffmann, H. Murphy, A. Clarke, K. Butler

Emergence of teicoplanin resistant *Staphylococcus epidermidis* in a paediatric hospital.
C. Nourse, M. Byrne, E. Moylett, H. Murphy, K. Butler.

Abnormalities in elastin and elastic fibers in infantile hypertrophic pyloric stenosis.
T. Oue, P. Puri

Altered endothelin-3 and endothelin-B receptor mRNA expression in Hirschsprung's disease.
T. Oue, P. Puri


Antenatal glucocorticoids administration inhibits smooth muscle cell DNA synthesis in pulmonary arterial media in nitrofen induced congenital diaphragmatic hernia in rats.
Y. Taira, E. Miyazaki, K. Ohshiro, P. Puri

Effect of antenatal glucocorticoids treatment on TNF-α gene expression in hypoplastic lung in nitrofen induced congenital diaphragmatic hernia in rats.
K. Ohshiro, E. Miyazaki, Y. Taira, P. Puri

Increased smooth muscle cell proliferation in infantile hypertrophic pyloric stenosis.
T. Oue, P. Puri

Nitric oxide mediates renal damage in reflux nephropathy.
H. Shima, K. Ohshiro, P. Puri

Pre-existing fetal pulmonary vascular structural abnormality adversely influences vascular remodelling in congenital diaphragmatic hernia. (Poster)
E. Miyazaki, Y. Taira, K. Ohshiro, P. Puri

**Surface topography and Cobb angles in idiopathic scoliosis**
C.G. Goldberg, D.P. Moore, E.E. Fogarty, F.E. Dowling

**Scoliosis and developmental biology: Testing the hypothesis**
C.G. Goldberg, D.P. Moore, E.E. Fogarty, F.E. Dowling

**V. Pediatric Colorectal Club Meeting, Cologne, Germany, July 1998**

**Increased epidermal growth factor expression in the smooth muscle of aganglionic bowel**
H. Shima, K. Ohshiro, P. Puri

**Decreased intestinal pacemaker cells in internal anal sphincter achalasia**
T. Oue, P. Puri

**11th International Symposium on Paediatric Surgical Research, Helsinki, Finland, 3-5 September 1998**

**Altered intramuscular intervention and synapse formation in internal anal sphincter achalasia.**
T. Oue, P. Puri

**Wholemount NADPH-diaphorase histochemistry is a reliable technique of the intraoperative evaluation of extent of aganglionosis.**
L Nemeth, D.S. O'Briain, P. Puri

**Effects of antenatal dexamethasone administration on insulin-like growth factors I and II levels in hypoplastic lung in nitrofen induced congenital diaphragmatic hernia in rats.**
T. Oue, Y. Taira, H. Shima, E. Miyazaki, P. Puri

**Effect of antenatal glucocorticoids treatment on CGRP protein and gene expression in lung of nitrofen induced CDH in rats.**
Y. Taira, T. Oue, H. Shima, E. Miyazaki, P. Puri

**Antenatal glucocorticoids suppress tumour necrosis factor-α expression in hypoplastic lung in nitrofen induced diaphragmatic hernia in rats**
H. Shima, Y. Taira, T. Oue, E. Miyazaki, P. Puri

**Increased expression of transforming growth factor-α in infantile hypertrophic pyloric stenosis.**
H. Shima, P. Puri

**European Society for Pediatric Research Conference, Belfast, Northern Ireland, 13-17 September 1998**

Whole-mount acetylcholinesterase histochemical staining is a reliable technique for demonstrating innervation in postmortem bowel specimens
L. Nemeth, D.S. O'Briain, P. Puri


Growth patterns in children with congenital vertebral anomalies
C.G. Goldberg, D.P. Moore, E.E. Fogarty, F.E. Dowling

**Irish and American Paediatric Society Meeting, Killarney, September 1998**

Invasive meningococcal disease in Ireland
M. Healy, M. Cafferkey, O. Hensey, T. Bate, P. McMahon, J. Cosgrove, K. Butler

Characteristics of children born to hepatitis C infected mothers
M. Healy, M. Cafferkey, M. Beckett, K. Butler.


Comparison of structural abnormalities in pulmonary arteries of right-sided and left-sided diaphragmatic hernia in nitrofen induced rats.
E. Miyazaki, Y. Taira, H. Shima, P. Puri

Expression of transforming growth factor-β1 and its receptors is elevated in hypertrophic pyloric muscle in pyloric stenosis.
K. Ohshiro, C. Pueyo, P. Puri

Increased expression of epidermal growth factors in infantile hypertrophic pyloric muscle in pyloric stenosis.
H. Shima, K. Ohshiro, P. Puri

Increased tropoelastin and procollagen expression in the lung of nitrofen induced diaphragmatic hernia in rats.
Y. Taira, H. Shima, T. Oue, E. Miyazaki, P. Puri
Associated urological anomalies in children with unilateral renal agenesis.
S. Cascio, S. Paran, P. Puri
10th International Congress of Immunology, New Delhi, India, November 1998

Common γ chain signalling induces maturation of human neonatal CD4 T-cells
J. Hassan, D.J. Reen

Human neonatal CD4 T-cells display an "immature" activation, survival and function phenotype
D.J. Reen, J. Hassan

Fourth International Congress on Drug Therapy in HIV Infection, Glasgow, November 1998

A novel use of ritonavir
A. Broderick, D.W. Webb, J. McMenamin, K. Butler

Combination antiretroviral therapy (ART) in pregnancy: Infant outcome
S. Condon, A. Broderick, F. Mulcahy, G. Sheehan, M. Horgan, K. Butler

22nd European CF Conference, Berlin, 1998

Atypical CF in a mother and daughter despite negative investigations
E. Crushell, G.J. Canny, N. O'Regan, D. Barton


Dysregulation of cytosolic pH (phi) in peripheral blood neutrophils in cystic fibrosis
R. Coakley, C.O. Taggart, N. O'Regan, G.J. Canny, S. O'Neill, N.G. McElvaney

Increased release of elastase from neutrophils intubated with cystic fibrosis epithelial lining fluid
C.O. Taggart, R. Coakley, N. O'Regan, G.J. Canny, P. Greally, S. O'Neill, N.G. McElvaney
PRESENTATIONS AT MEDICAL AND SCIENTIFIC

IRISH MEETINGS

National Scientific Meeting, March 1998
Emergence of teicoplanin resistant *Staphylococcus epidermidis* in a paediatric hospital.
C. Nourse, M. Byrne, E. Moylett, H. Murphy, K. Butler

Irish Perinatal Society Meeting, March 1998
Characteristics of vertically transmitted hepatitis C infection in Irish children
M. Healy, M. Caferkey, M. Beckett, K. Butler

Mother to child transmission of human immunodeficiency virus (HIV) in the Republic of Ireland: A prospective study
C. Nourse, T. Conlon, E. Hayes, G. Kaminski, E. Griffin, I. Hillary, K. BUTLER
(Registrars Prize Awarded)

Irish Society for Immunology, Belfast, October 1998

Resting post-thymic and mature human naive T-cells differ in their cytokine induced survival and proliferative response
J. Hassan, D.J. Reen

Irish Pediatric Association Meeting, Dublin 20th November 1998

Surface topography and cobb angles in idiopathic scoliosis
F.E. Dowling, C.J. Goldberg, D.P. Moore, E.E. Fogarty

Associated urological anomalies in children with unilateral renal agenesis
S. Cascio, S. Paran, P. Puri

Chronic inflammatory small airways disease
E. Crushell, G. Canny, M. McDermott, P. Greally

Low specificity of $^{13}$C-urea breath testing in young children
C. Imrie, M. Rowland, B. Drumm

Multicentre survey of endoscopic treatment of vesicoureteral reflux using polytetrafluoroethylene
P. Puri, C. Granata

Lobar resection for cystic fibrosis
J. Balfe, P. Greally, A.E. Woods, M.J. Mahony
Histoplasmosis in Ireland: A first case report
A. Broderick, J. Gleeson, M. McDermott, K. Butler

The difficulty with making the diagnosis of cystic fibrosis
E. Crushell, D. Barton, G. Canny

The importance of the clinical history in the diagnosis of hereditary coagulation disorders
P. O'Connor, P. Fleming, A. O'Marcaigh

The stiff baby syndrome
S. Finn, A. Ryan, J. McMenamin

Paratesticular rhabdomyosarcoma - The best of the bad lot?
A. Langana, A. O'Meara, F. Breatnach

Paediatric Behcets Syndrome. An unusual cause of recurrent oral ulceration.
E. Molloy, H. Monaghan

Retinal haemorrhages and intracranial bleeding: Clearing the doubt or clouding the picture?
D. Murray, S. Fenton, S. Ryan, M. McDermott, M. O'Keefe, P. Thornton

X-linked hypophosphatemic rickets: Diagnosis treatment and outcome in five pedigrees.
S. Quinn, J. Cosgrove, P.S. Thornton

Irish Thoracic Society Annual Scientific Meeting, Dublin, 1998

Efficacy of Salbutamol by spacer versus nebulizer in children with acute asthma
C.J. Canny, S. Schuh

Increased elastase secretion by cystic fibrosis neutrophils is modulated by TNFα, IL-8
C. Taggart, R. Coakley, N. O'Regan, C. Canny, S. O'Neill, N.G. McElvaney
HONOURS AND DISTINCTIONS

Dr. Karina Butler

Organised a Conference on *HIV Infection in Pregnancy-Defining the Optimum Management in the Perinatal Period*

Dr. Gerard Canny


Mr. Prem Puri

Awarded F.R.C.S. (ad eundum)