

Department of Pediatrics : Research projects

	Year	Project	Funder
Liver and gastroenterology	1980-86	Copper & ICC	Wellcome Trust, UK
	1985 onwards	Wilson's Disease	Rotary Rowikem
	1995-1997	Genetics of Wilson's Disease	KEMHRC Pediatric Research Funds
	1995-1998	Pediatric endoscopies in management of Chronic Liver Disease	KEMHRC Pediatric Research Funds
	1990-95	Protracted Diarrhoeas	Venky's India Ltd., India
		Total Parenteral Nutrition	
	1997-2002	Metabolic Liver Disease	HELs (British Council)
	1998-2001	Double blind placebo controlled randomized prospective clinical evaluation of Saccharomyces Boulardii in (1) Acute Bacterial Diarrheas and (2) Acute Watery Diarrheas in children	American Remedies, Chennai
	2005 *	S. Boulardii	Dr. Reddy's
	2009	Glucocerebrosidase enzyme replacement therapy Type I Gaucher Disease	Shire HGT

Neonatology	1978	Regionalization of Perinatal care	Filtronics
	1987	Nutrition of LBWs	ICMR
	1987	A longitudinal study of development of 'high risk' newborns from 0-30 months	ICMR
	1993	An indepth longitudinal study of high risk neonates from 3-6 years	ICMR
	1995-1996	Neonatal Encephalopathy	FUNEN, U.S.A.
	1999-2000	Electroencephalography in neonatal encephalopathy with a short term follow up	KEMHRC Pediatric Research Funds
	1999-2000	Retinopathy of Prematurity in very low birth weight (<1500gms) infants	KEMHRC Pediatric Research Funds
	2000	ROP – outcome	KEMHRC
	2000	Cognitive problems in LBW children – A 12 year follow up	ICMR
	2000-2001	Neonatal encephalopathy in full term infants	KEMHRC Pediatric Research Funds
	1999	Neonatal EEGs	FUNEN
	2000-2002	Nutritional support for low birth weight babies-can oil massage be an answer ?	Heinz Nutrition Foundation of India, Chennai
	2000-2003	Nutritional value of topical oil application in newborn	Dabur Research Foundation, New Delhi
	2001	Human milk fortifier in feeding of preterm babies	Raptakos
	2004	Iron Supplementation	Magnachem
	2004	High frequency oscillator ventilation	
2004	USG brain, spine – Meningitis		

General Pediatrics	1992- 2010	Early Origins of Adult Disease (Urban studies)	Wellcome Trust, UK (MRC)
	1994	Interferon therapy in children with chronic liver disease	Fullford India Ltd.,
	1994-1995	Open labeled evaluation of efficacy and safety of Hepatitis B vaccine of Chinese Hamster Ovary origin	Panacea Biotec
	1996-1998	Vocational and Pre-vocational rehabilitation of slow learners	KEMHRC Pediatric Research Funds Kejriwal Trust
	2000	Continued cohort studies	Wellcome Trust, UK(MRC)
	2001-2002	International Study of Asthama and Allergies in children	ISAAC
	2000	ω - 3 fatty acids in ADHD	Pune University
	2003	CAMR extension	Indo US Soc.
	2004-2006	Establishing an iron supplementation strategy for `Sprinkles` to reduce the prevalence of iron deficiency anemia among infants and young children in India	CIHR (Canada)
	2006	Pune Low Birth Study –Birth to Adulthood	ICMR
	2005-2010	Prevention of life style related disorders in school children	Venky's India Ltd., Pune
	2005	Environment and Asthma	Telethon(Aus)
	2006	Montelukast in Broncholitis	SIRO
	2007	LCPUFA status and birth outcome in India	ICMR
	2007	Effects of Losartan on Proteinuria with or without Hypertension	Merck, MSD

2007	Multinutrient supplementation in school children: Effects on nutritional status and cognitive development	Heinz India
2008	MAP0010 in asthmatic infants and children 12 months to 8 years of age.	Map Pharmaceuticals Inc, U.S.A.
2010	Study of Hospital admissions treated under the Department of Pediatrics at KEM Hospital, Pune	Pediatric Research Unit, KEMHRC, Pune
2011	A population-based surveillance of invasive disease caused by <u>S. pneumoniae</u> or <u>H. influenzae</u> or <u>N. meningitidis</u> in children	CMC Vellore, Vellore
	Prevalence of Markers of 'Metabolic Syndrome' in a cohort of low birth weight children at early adulthood (22 years)	ICMR
2012	Pilot Prospective Multicentric Case Control Study of Severe Pneumonia in Children under Five Years of Age	Fondation Merieux

Vaccine Studies	1995	Meningitis Bacteriology Hib Vaccine	Pasteur Merieux, France.
	1997	HBV vaccine - Adolescents	Panacea Biotec,
	1999	HBV vaccine in LBWs	Shantha Biotec,
	2003	HBV+DPT(combined)	Shantha Biotec,
	2003	UNIJECT device (HBV)	Shantha Biotec,
	2004	Trivalent DTP w vaccine	Shantha Biotec,
	2003	Hep. B Immune Globulin	SIRO
	2004	Genevac B vs Engerix	Serum Institute
	2004	Acellular pertussis DPT	Glaxo
	2004	Hepatitis A vaccine	Wockhardt
	2005	Chicken Pox Vaccine	Merck,Biocon
	2005	DTP-HB Vaccine study	Serum Institute
	2006	Measles Aerosol Study	WHO ,ICMR
	2007	13 Valent Pneumococcal Vaccine	Wyeth
	2008	Immunogenicity of Haemophilus type B vaccine(SII HibPRO)	Serum Institute
	2008	Rotateq™ in healthy infants	Merck & Co., Inc., U.S.A.
	2009	Meningococcal conjugate vaccine	GlaxoSmithKline Biologicals
	2009	Safety and tolerability of RotaVac vaccine	Serum Institute of India, Pune
	2010	A Phase II/II clinical trial to assess safety and immunogenicity of the SII inactivated adjuvanted H1N1 influenza vaccine administered at three dose levels in adults, elderly and pediatric populations	Serum Institute of India, Pune

	2010	Study of Hospital admissions treated under the Department of Pediatrics, at KEM Hospital, Pune	KEMHRC Pediatric Research Funds
	2011	Immunogenicity and reactogenicity of a new fully liquid hexavalent DTwP-HepB-Hib-IPV vaccine	Panacea Biotec
	2011	A population based surveillance of invasive disease caused by <u>S.pneumoniae</u> or <u>H.influenzae</u> or <u>N.meningitidis</u> in children < 5 years of age in India	CMC Vellore, Vellore
	2011	Safety And Immunogenicity of Purified Vero Cell Rabies Vaccine	Serum Institute of India, Pune
	2011	Seroprevalence study of Hepatitis A virus antibody in Indian children	Wockhardt
	2011-2017	SPRINKLES supplementation in infancy and mental development in early childhood	H.J.Heinz Company Foundation, Canada
	2012	Pediatric optimization of the pharmajet needle-free intradermal delivery system	Pharmajet
	2012	Pilot prospective multicentric case control study of severe pneumonia in children under five years of age	Fondation Merieux
	2012, 2014	Evaluation of Immunogenicity and Safety of Biovac-A	Wockhardt