
BIOGRAPHICAL SKETCH

NAME <i>KUMARAVEL VELAYUTHAM</i>		PRESENT POSITION TITLE <i>Director/ Consultant Endocrinologist</i>	
EDUCATION/TRAINING			
INSTITUTION AND LOCATION	DEGREE/POSITION	YEAR(s)	FIELD OF STUDY
Alpha Hospital & Research center, India	Director	2009-present	Clinical & Research
ACEER, Chennai, India	Consultant	2007 - 2009	Clinical & Research
AIMS, Kochi, India	Asst Professor	2004 - 2007	Endocrine & diabetes
AIMS, Kochi, India	Asst Professor	2003 - 2004	Infectious disease
Bose Hospitals, Madurai, India	Senior Resident	2001 - 2003	Clinical Medicine
Dr. M.G.R. Medical University, India	MD	1998 - 2001	General Medicine
Dr. M.G.R. Medical University, India	MBBS	1991 - 1997	Medical school

Contact Address:

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Member and Accreditation:

American Thyroid Association
Endocrine society, USA
Endocrine society of India (ESI)
Associations of Physicians of India (API)
Research society of study of Diabetes in India (RSSDI)
Indian Andropause society (IAS)
Indian Society of Bone and Mineral research (ISBMR)
Indian Thyroid society (ITS)
Executive Member, Indian Medical association, Madurai
Secretary, Endocrine society of Tamilnadu and Puducherry

APPOINTMENTS and POSITIONS

Years Inclusive	Name and Location of Institution of Organization	Rank/Title
1991 - 1997	Madurai medical college, Government Rajaji Hospitals Madurai, Tamilnadu, India	Student Resident
1998 - 2001	Department of Medicine, Madurai Medical College, Madurai	MD Resident
2001 - 2003	Bose Hospital, Madurai	Senior resident
2003 - 2004	Department of Infectious Disease, Amrita institute of medical sciences & Research Centre. Kochi, Kerala, India.	Assistant Professor
2004 - 2007	Department of Diabetes & Endocrine Amrita institute of medical sciences & Research Centre. Kochi, Kerala, India.	Assistant Professor
2007 - 2009	ACEER, Chennai, Tamilnadu, India	Consultant
2009 - Present	Alpha Hospital and Research center Madurai, Tamilnadu.	Director
	Apollo specialty Hospital, Madurai	Consultant

A. Selected Publications:

1. **Kumaravel V**, S. Sivan Arul Selvan, A.G.Unnikrishnan. *Prevalence of thyroid dysfunction among young females in a South Indian Population*. Indian J Endocrinol Metab. November 2015; 781:784
2. Sarojini R, Sivan Arul Selvan S, Shobana M, Parameswari R, **Kumaravel V**. *Effect of Verapamil in Alloxan Induced Diabetes*. International Journal of Pharmacology and therapeutics. January to March 2015; 1:43
3. Vaman Khadilkar, Sangeeta Yadav, Agarwal KK, Suchit Tamboli, Monidipa Banerjee, Alice Cherian, Jagdish P Goyal, Anuradha Khadilkar, **Kumaravel V**, Mohan V, Narayanappa D, Ray I and Vijay Yewale. *Revised IAP Growth Charts for Height, Weight and Body Mass Index for 5 to 18 year old Indian Children*. Indian Pediatrics January 2015; 47:55
4. Subramanian Kannan, Shriram Mahadevan, velayutham P, Bharath R, **Kumaravel V**, Muthukumar J and Premkumar A. *Estimation of magnesium in patients with functional*

hypoparathyroidism. Indian J Endocrinol Metab. December 2014; 821:825

5. **Kumaravel V**, Vanishree S, Anitharani M, Sathiyasekaran B. Are the current Indian growth charts really representative? *Analysis of Anthropometric assessment of school children in a South Indian district*. Author Reply. Indian J Endocr Metab 2014; 18:440
6. Kannan, Subramanian, Mahadevan, Shriraam, Ramji, Bharath, Jayapaul, Muthukumar, **Kumaravel V**. *LDL cholesterol: Friedewald calculated versus direct measurement-study from a large Indian laboratory database*. Indian Journal of Endocrinology and Metabolism, August 2014; 502:504
7. **Kumaravel V**, Vanishree S, Anitharani M, Sathiyasekaran BWC. Are the current Indian growth charts really representative? *Analysis of Anthropometric assessment of school children in a South Indian district*. Indian J Endocr Metab 2014; 56:62
8. **Kumaravel V**, ShriraamMahadevan, Latha Velayutham, Muthukumar, Jayapaul, Balamurugan, Appakalai, Arun Kannan. *Hemi agenesis of Thyroid with double ectopic thyroid gland*. Indian J Endocr Metab July 2013; 756:758.
9. Shriraam Mahadevan, **Kumaravel V**, Bharath R. *Calcium and bone disorders in pregnancy*. Indian Journal of Endocrinology and Metabolism 2012; 358:363
10. A. N. Balamurugan, **Kumaravel V**, Subbiah Pugazhenthii and Bashoo Naziruddin. *Islet Cell Biology, Regeneration and Transplantation*. International Journal of Endocrinology 2012, Article ID 139787, 3 pages
11. Soltani SM, O'BrienTD, Loganathan G, Bellin MD, Anazawa T, Tiwari M, Papas KK, Vickers SM, **Kumaravel V**, Hering BJ, Sutherland DE, Balamurugan AN. *Severely fibrotic pancreases from young patients with chronic Pancreatitis*. Evidence for a ductal origin of islet neogenesis. Acta Diabetologica July 2011
12. Loganathan G, Dawra RK, Pugazhenthii S, Guo Z, Soltani SM, Wiseman A, Sanders MA, Papas KK, **Kumaravel V**, Saluja AK, Sutherland DE, Hering BJ, Balamurugan AN. *Insulin degradation by acinar cell proteases creates a dysfunctional environment for human islets before/after transplantation*. Benefits of α -1 antitrypsin treatment transplantation December 2011; 1222:30
13. Shriraam Mahadevan, **Kumaravel V**. *Growth hormone: Expanded use*. Indian Journal of practical pediatrics 2011;402-408
14. Kannan S, Mukundan L, Mahadevan S, Sathya A, **Kumaravel V**, Bhat RV, Sriram. *Knowledge, Awareness and Practices (KAP) among patients with hypothyroidism attending endocrine clinic*. Thyroid Research and Practice 2010; 11:15

15. Pillai MG, **Kumaravel V**, Nisha B, Hareesh C, Unnikrishnan AG, Nair V, Jayakumar RV, Kumar H. *Prevalence of musculoskeletal manifestations in thyroid disease*. Thyroid Research and Practice 2009;12:16
16. Unnikrishnan AG, Eesh Bhatia, Vijayalakshmi Bhatia, Sanjay Kumar Bhadada, Rakesh Kumar Sahay, Arun Kannan, **Kumaravel V**, Dipti Sarma, Bantwal Ganapathy, Nihal Thomas, Mathew John, Jayakumar RV, Harish Kumar, Vasantha Nair and Carani B Sanjeevi. *Type 1 Diabetes versus Type 2 Diabetes with onset in persons younger than 20 yrs of age*. Results from an Indian multicenter study. Immunology of Diabetes. Annals of NY academy of sciences 2008; 239:244
17. **Kumaravel V**. *Thyroid diseases and Diabetes mellitus* – Asian Journal of Diabetology 2008; 32:38
18. **Kumaravel V**, Unnikrishnan A.G, Jayakumar RV, Vasantha Nair, HarishKumar. *The role of ^{99m}Tc-sestamibi scintigraphy in the differential diagnosis of thyroid cold nodule*. Indian journal of endocrinology and metabolism 2007; 23:26
19. Ambika G, Unnikrishnan, **Kumaravel V**, Vasantha nair, Ananth rao, Rohini V. Jayakumar, Harish kumar and Carani B sanjeevi. *TSH receptor antibodies in subjects with type 1 diabetes mellitus*: Annals NY Academy of sciences 2006; 220:225
20. Muthusamy VV, **Kumaravel V**, Amuthan *Prevalence of Lipoprotein (a) in premature ischemic heart disease*. Indian heart journal 2000

B. Reviews and Book Chapters:

1. Guest Editor: special edition, Isletologist Journal
2. Molecular mechanism of Insulin Resistance: Microlabs Update 2006
3. Dyslipidemia in elderly subjects with Type 2 Diabetes: Microlabs Update 2005
4. Text Book on diabetes mellitus: 2008

C. Conferences organized:

1. Organizing secretary, RECEPTOR 2017, Madurai
National level endocrine conference
2. Organizing secretary, TRENDO 2015, Kodaikanal
3rd Annual Conference of Endocrine Society of Tamilnadu and Pondicherry
3. Joint organizing secretary , TRENDO 2014, Chennai
2nd Annual Conference of Endocrine Society of Tamilnadu and Pondicherry
4. Organizing secretary: HORMONES 2013, Madurai
International level endocrine conference
5. Organizing secretary: HORMONES 2011, Madurai
National level endocrine conference

D. Paper Presentation and Lectures in conferences/workshops:

1. Polycystic Ovary Syndrome – *TAPICON* on 4th July 2015, Thanjavur
2. Endocrinological Aspects of Obesity – CME with the *Association of Physiologists of Tamilnadu* on 6th June 2015, Madurai
3. Building a beta cell - 6th *World Congress of Diabetes India* on 11th April 2015, Chennai
4. Overview of Metformin and Debate – ADA protocol vs Defronzo protocol in managing type 2 diabetes – *Diabetes and Endocrine Summit*, 15th March 2015 Coimbatore
5. Diet for Fitness : Are we eating right?: *1st Annual Symposium on clinical Nutrition* 28th February 2015 , Madurai
6. Workshops on *Insulin Pump – PACE 2015* on 1st February 2015, Chennai
7. Congenital Hypothyroidism - Approach, 22nd August 2014, *IAPCON*, Madurai.
8. Endocrine of love: 30th July 2014, Madurai
9. Overview of osteoporosis: *Annual Symposium in Trichy medical college*, 29th March 2014, Trichy
10. Gestational diabetes mellitus: Controversies revisited, *FOGSI*, 21st Feb 2014, Madurai
11. Diabetes Insipidus. *International conference on Endocrinology*, Jan-25th 2014 Coimbatore.
12. Glucose Monitoring and Insulin Pump: *1st Annual conference of DCD*, Jan-5th, 2014 Dindigul.
13. TSH in elderly. *CODE*, Dec-22, 2013. ITC Grant, Chennai
14. Pioglitazone: Angel or Demon. Nov-2013, *Annual conference*, MMC, Madurai
15. Thyroid disorders: From Guideline to practice, *API-DIAS*, OCT-2013, Madurai
16. Stem cell therapy in diabetes management: *APDF* Sept, 2013, Chennai
17. Micronutrient and vitamin supplementation in DM and CVD: 11th Aug, 2013. *International symposium on Diabetes and Metabolism*, Coimbatore
18. In patient management of diabetes. *DCTCON* 2013, Trichy

19. Role of SU in management of Diabetes: Debate, *Endocrine society of Coimbatore conference 2012*, Coimbatore
20. Fitness and fatness: Altered hormonal milieu and clinical implication: *APTCON 2012*, 6th annual conference of association of Physiologist
21. Diabetic nutrition: *IMACON 2012*, kanyakumari
22. Management of delayed puberty: *ADIUE 2012*, Kochi
23. Islet cell transplantation: *TRAC 2011*, Tuticorin
24. Debate in SU and Gliptins: *DCTCON 2011*, Trichy
25. Diabetes and Pregnancy: *HORMONES 2011*, Madurai
26. Vitamin-D and medical implications: *TAPICON 2011*, Kodaikanal
27. Continuous glucose monitoring: Clinical implication: *ADIUE-2010*, Kochi
28. Brittle diabetes: *DIACON-2010*, Chennai
29. Vitamin-D deficiency. *ADIEU-2009*, AIMS, Kochi. 01-08-2009
30. Infections in Diabetes patient. *Oppurtunez-2009*, Theni medical college, Theni
31. Research methodology in Diabetes mellitus: Guest lecture, *IFCR*, Kochi May 2008
32. Continuous Subcutaneous Insulin Infusion in a diabetic pregnancy: The first case report from India. *International colloquium of Diabetes and pregnancy - 2006*
33. Components of syndrome X in obese patients: A hospital based study. *API*, 2005 Cochin.
34. The role of ^{99m}Tc-sestamibi scintigraphy in the differential diagnosis of Thyroid cold nodule. *ESICON-2005*
35. Prevalence of musculoskeletal findings in hypothyroidism. *ESICON-2004*
36. Prevalence of thyroid autoimmunity in type 1 diabetes mellitus. *ESICON-2004*
37. Prevalence of Lipoprotein (a) in premature ischemic heart disease. *CSI 2000*
38. Symposium on the judicious use of Insulin on 2nd January 2016, Dindigul
39. Continuous Glucose Monitoring (*CGMS*) on 9th January 2016, Tirunelveli
40. New Therapeutic approach in *T2DM* on 23rd January 2016, Madurai
41. Fast and Feast: How to Manage Diabetes? on January 2016, Bangalore
42. Medical Management of osteoporosis on February 2016, Ooty
43. Clinical evaluation of Obesity on 19th March 2016, Madurai

44. Endocrinological aspects of Diabetes on 8th June 2016, Madurai
45. Interpretation of Thyroid function test on 14th June 2016, Madurai
46. CME: PCOS update on 29th June 2016, Madurai
47. Types & Clinical features of diabetes mellitus on 1st July 2016, Theni
48. Insulin Pump Therapy on 20th August 2016, Chennai
49. Steroids – The Good, The Bad & The Ugly on 23rd October 2016, Trichy
50. All about Insulin Pump on 17th January 2017, Cochin
51. Logical choices after SUMET – Gliptins Vs SGLT2 Inhibitors on 19th February 2017, Trichy
52. Paleo diet – Friend or Foe in Diabetes/Thyroid and Diabetes on 5th March 2017 , Coimbatore
53. Obesity in Adolescence recent Concepts on 27th April 2017, IMA Hall, Madurai
54. Approach to Type 2 Diabetes Management Insulin Centric or Glucagon Centric on 1st June 2017, Tuticorin

E. CME Talks in the year 2015-2017

1. Symposium on Diabetes in Urology on 3rd January 2015, Madurai
2. Endocrine aspects of Infertility with special Focus on T2DM on 9th Jan 2015, Dindigul
3. Hormones: Impact from womb to Tomb on 27th January 2015, Trichy
4. PCOD update on 28th January 2015, Madurai
5. Hormones and Hair on 29th January 2015, Madurai
6. Gliptins – Where do we stand? On 11th February 2015, Madurai
7. Infertility – Endocrine Perspective on 22nd February 2015, Sivakasi
8. Epigenetic in Diabetes Mellitus on 24th February 2015, Madurai
9. Hypothyroidism and Management issues on 17th March 2015, Melur
10. CCMTD Cycle Regional Faculty meet on 22nd March 2015, New Delhi
11. Basis of basal intervention on 24th March 2015, Madurai
12. TECOS – Relevance to clinical Practice 11th June 2015, Madurai
13. Postprandial Hyperglycemia on 17th July 2015, Kodaikanal
14. PHFI - CCMTD, Type 1 Diabetes Mellitus on 19th July 2015, Madurai
15. Diabetes for Students on 22nd July 2015, Mannar college, Madurai
16. Thyroid – Myths and facts on 24th July 2015, Rotary Club, Madurai
17. Nutrition and Diabetic Peripheral Neuropathy on 7th August 2015, Madurai
18. Thyroid Disorders in Pregnancy on 9th August 2015, Chennai
19. PCOS, Thyroid ,diabetes..., on 12th August 2015, Dindigul
20. Case study discussion on Diabetes Management on 27th February 2016, Trichy
21. Insulin Initiation and Intensification case based discussion on 13th March 2016, Coimbatore
22. Management of Thyroid Disorder and its commodities on 8th April 2016, API Tirunelveli
23. Thyroid in special situation on 29th April 2016, Thanjavur
24. Newer options for obesity Management – Focus on *Kionutrime Cs 500mg* on 30th April 2016, Trichy
25. Postpartum Thyroiditis Fogs south zone on 21st May 2016, Madurai
26. The Big Debate : After Metformin in *T2DM Gliptins Vs SGLT2i* on 9th July 2016, Coimbatore
27. Digitalization of Endocrine Practice on 24th July 2016, Hyderabad
28. EMPA REG cardiac outcome – Jardiance Meet on 17th August 2016, Tirunelveli

29. The Nurture Club – Women & Hormones on 23rd September 2016, Madurai
30. Combination of *SGLT2 – 1 and DPP4 – 1 in T2DM therapy* on 24th September 2016, Madurai
31. Basal Intervention When? How? And Why? On 21st October 2016, Dindigul
32. Endocrinologic aspects of Osteoporosis on 26th October 2016, Madurai
33. New Paradigm in *Diabetes Management SGLT2 Inhibitors* on 25th November 2016, Madurai
34. Thyroid & Women on 6th January 2017, Rajapalayam
35. Interpretation of Thyroid Function Tests on 20th January 2017, Dindigul
36. Pitfalls in the Management of Thyroid disorders on 22nd January 2017, Madurai
37. The Newer Drug in Management of *T2DM* on 4th February 2017, Ramanathapuram
38. CME on Management of Hypothyroidism in Pregnancy on 19th February 2017, Dindigul
39. A Tailor – made approach for DPP4 Inhibitors on 22nd February 2017, Madurai
40. Where do you place SGLT2i/DPP4i in clinical practice? On 23rd April 2017, Madurai
41. Diabetic Kidney Disease: Learnings from Empa Reg Renal Outcome on 27th June 2017, Madurai

F. Teaching experience:

1. MD resident in Dept of medicine, Madurai medical college, Madurai. Involved in the teaching programs for Medical students, graduate and Allied Health Science students. (1998-2001)
2. Senior resident in Bose hospitals Madurai. Involved in the teaching programs for postgraduate medical students and health science students (2001-2003)
3. Assistant Professor Dept. of Endocrinology, AIMS, Kochi, India. Involved in the teaching programs for Medical students, graduate and Allied Health Science students (2004-2007)
4. Consultant endocrinologist and Director, Alpha hospital and research center, Madurai. Involved in teaching programs for diabetic postgraduate students and diabetic fellows (2007 to till date)
5. Course director, Fellowship in clinical endocrinology ,by IMA CGP
6. Regional Faculty , CCMTD, by PHFI , New Delhi

G. Academic awards:

1. IMA State Appreciation Award for coordinating academic activities, December 2013
2. IMA State Appreciation Award for coordinating academic activities, December 2014
3. Awarded Honorary Professorship at IMA – CGP, New Delhi, 2014
4. Awarded National Honorary Faculty, August 2015

H. Academic Courses:

1. Faculty : Fellowship certificate in Diabetes
2. Faculty : Regional Faculty, certificate courses in Management of Thyroid Disorders – Organized by PHFI, New Delhi
3. Course Director : Fellowship in clinical endocrinology 1-year certificate course
Organized in association with IMA CGP

I. Training and other areas of Expertise:

1. Proficiency in ICH/GCP Guidelines
2. Short term Observership in **Islet Cell transplantation**, in university of Minnesota – 2009
3. Certified Insulin Pump Trainer
4. Investigator meeting in Delhi for a diabetes trial in March 2009
5. Investigators meeting in Barcelona, Spain for a Diabetes trial in January 2009
6. Participated in Investigator Meeting organized by Nicholas Primal India Limited in Mumbai – Jan 2008
7. Attended Investigator meeting - ICH/GCP training conducted by ICON - DAIICHI SANKYO in Dubai, United Arab Emirates - Aug 2007
8. Actively involved in designing the curriculum for clinical Endocrinology and involved in Teaching the same to the other Doctors from various Medical specialties from 2011-Till date
9. Completed M.sc diabetes from Roehampton University ,UK in 2007

J. Research Experiences:

CLINICAL TRIALS	Specialty	ROLE
A phase 3, open - label, randomized, multicenter, 12 months, efficacy and safety study of weekly MOD - 4023 compared to daily Genotropin therapy in pre- pubertal children with growth hormone deficiency ASH-002/02 -17	Growth Hormone	PRINCIPAL INVESTIGATOR
A randomized double blind, placebo controlled study to evaluate efficacy and safety of novel formulation on weight management in healthy volunteers LPPL/IV/CURLA/13	Obesity	PRINCIPAL INVESTIGATOR
A randomized, double blind, Placebo-control study to evaluate efficacy and safety of a novel Enoki Mushroom (Flammulina velutipes sing, Chitaglucon extract) on weight management in healthy volunteers. Protocol number: LPPL/IV/OW/12	Obesity	PRINCIPAL INVESTIGATOR
A non interventional study to evaluate diabetes related hypoglycemia in quality of life, frequency and impact of Type-2 diabetes patients on medication. Protocol No: NIS-CIN-XXX-2011/3	Diabetes	PRINCIPAL INVESTIGATOR
A Multi centre ,Single –Blind,Active & Placebo Controlled, Parellel group Randomized study of Dosing regimens of enteric coated Sevelamer in patients with mild to moderate hypercholesterolemia – Study ID :ECS 00107	Dyslipidemia	PRINCIPAL INVESTIGATOR
A prospective, randomized, double blind, placebo-controlled, parallel group, multicentre study of Sibutramine in obese Indian subjects with/ without co morbidities in conjunction with lifestyle modifications - SBM/14/07	Obesity	PRINCIPAL INVESTIGATOR
A phase III randomized placebo controlled clinical trial to assess the safety and efficacy of Odanacatib (MK-0822) to reduce the risk of fracture in osteoporotic postmenopausal women treated with vitamin-D and calcium	Osteoporosis	PRINCIPAL INVESTIGATOR
Effects of Naturolose (Tagotose) on glycemic control and safety of naturolose over one year in subjects with type 2 diabetes under diet control and exercise.	Diabetes	PRINCIPAL INVESTIGATOR
MK-0941-007-00-“Aphase IIb/III, Multicenter, Randomized, Double-Blind, Placebo-Controlled Dose-Range Finding Clinical Trial of MK-0941 in Patients with Type 2 Diabetes Mellitus with Inadequate Glycemic Control on Insulin”	Diabetes	PRINCIPAL INVESTIGATOR
CS0011-A-U301 study: A Randomized Double-blind, Placebo and Active Comparator-Controlled Parallel-group study of the Efficacy and Safety of Rivoglitazone as Monotherapy Treatment of Type-2 Diabetes Mellitus.	Diabetes	CO -INVESTIGATOR
A Phase 2b, Randomized, Double-Blind, Placebo-Controlled,	Diabetes	CO-INVESTIGATOR

Multi Center Study to Evaluate Safety and Efficacy of PHX1149T in Subjects With Type 2 Diabetes Mellitus		
A Phase III, Multi-centre, Randomized, Parallel Group Study of Safety and Efficacy of the LB03002 a New Sustained Release Formulation of Human Recombinant Growth Hormone as Compared to Standard Daily Therapy with Genotropin in Treatment Naïve Children with Growth Failure due to insufficient Secretion of Endogenous Growth Hormone	Short stature Growth hormone	CO-INVESTIGATOR
A Multicenter, Randomized, Double-Blind, Study to Determine the Efficacy and Safety of the Addition of SYR-322 25mg versus Dose Titration from 30mg to 45mg of ACTOS Pioglitazone HCl I Subjects with Type 2 Diabetes Mellitus Who Have Inadequate Control on a Combination of Metformin and 30mg of Pioglitazone HCl Therapy: 01-06-TL-322OPI-004	Diabetes	CO-INVESTIGATOR
A Phase 3, Randomized, Double-Blind, Placebo-Controlled, Multi Center Study to Evaluate Safety and Efficacy of PHX1149T as Monotherapy in Subjects With Type 2 Diabetes Mellitus	Diabetes	CO-INVESTIGATOR
A 12-Week, Double-Blind, Placebo-controlled Trial of LY2428757 in Patients with Type 2 Diabetes Mellitus, Protocol III-MC-GECD.	Diabetes	CO-INVESTIGATOR
A Randomized, Double-blind, Placebo-Controlled, Parallel Group Efficacy and Safety Study of BI 1356 (5 mg, Administered Orally Once Daily) Over 24 weeks in Type-2 Diabetic Patients with Insufficient Glycemic Control		CO-INVESTIGATOR
A Randomized, Double-blind, Placebo Controlled, Parallel Group Efficacy and Safety Study of BI 1356 (5.0 mg, Administered Orally Once Daily) over 24 weeks, in drug naïve or previously treated (6 weeks washout) type 2 diabetes patients with insufficient glycaemic control Despite Metformin Therapy.”	Diabetes	CO-INVESTIGATOR
A 78 week open label extension to trials assessing the safety and efficacy of BI 1356 (5 mg) as monotherapy or in combination with other antidiabetic medications in type 2 diabetic patients.	Diabetes	CO-INVESTIGATOR
PHX1149-PROT301 - A Phase 3, Randomized, Double-Blind, Placebo-Controlled, Multi-Centre Study to Evaluate Safety and Efficacy of Dutogliptin/ PHX1149T as Monotherapy in Subjects With Type 2 Diabetes Mellitus	Diabetes	CO-INVESTIGATOR

K. Research Project:

1. Limited Joint Mobility and its association with microvascular complication in Diabetes mellitus
2. Islet cell programme in India (ongoing)
3. Stem cell therapy in Diabetes mellitus
4. CHOP Programme: Prevention and awareness of Childhood Obesity
5. ICSS: Identifying children with short stature
6. CAH- Molecular diagnosis of CYP21A2 gene

Areas of interest:

Obesity
Pediatric Endocrinology
Pancreatic Diabetes
Islet cell Transplantation
Difficult Diabetes
Thyroid disorders

Referees:

Dr. Balamurugan Appakalai

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