BIOGRAPHICAL SKETCH

NAME: **Dr. Radha Venkatesan, Ph.D.**

POSITION TITLE: **Executive Scientific Officer and Head of Molecular Genetics**

EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE	YEAR	FIELD OF STUDY
University of Madras, Chennai, India	B.Sc	1979-1981	Zoology
Madurai Kamaraj University, Madurai, India	M.Sc	1981-1983	Zoology
University of Madras, Chennai, India	Ph.D	1987-1992	Genetics

PERSONAL STATEMENT

I established the Molecular Genetics department of MDRF 20 years ago and am serving as the Executive Scientific officer of the Institute and as the Head of the department. My major field of interest is Molecular Genetics and I have 28 years of experience in Human Genetics and particularly 22 years of dedicated experience in genetics of diabetes mellitus. My role is focused on fundamentals of human genetics as it relates to the understanding of diabetes. I am actively involved in experimental studies of genetic dissection, that is, identification of underlying genes and their effects on disease phenotypes, particularly in monogenic diabetes. My research extends from genetic dissection of common garden variety of polygenic Type II diabetes to monogenic diabetes, thus looking at the "genetic architecture of diabetes" in broad terms.In India, my lab was the first to work on the molecular causes of monogenic diabetes and translating the discovery from bench to bedside with a goal to deliver on precision medicine. Under my leadership, my lab has been recognized as ICMR advanced center for genomics of diabetes in India. I have been a PI and co PI in many national and international projects and thus have gained extensive experience. I was one of the lead investigators for the genomic work package of the NIHR funded project " Global Diabetes Outcomes Research" with Dundee University where I am leading the large scale GWAS in Indian type 2 diabetes patients. In terms of experience in research training, I have supervised more than 15 PhD students who are occupying various independent position in India and abroad. I have built a close link with the clinicians and patients as I handle the follow up of monogenic diabetes and congenital hyperinsulinism patients single handedly.

POSITIONS AND HONORS

Positions and Employment

1987 - 1992	Research fellowship at University of Chennai and in University of Oxford, at Weathearll's Institute of Molecular Medicine, John Radcliffe Hospital (1990), UK.
1993	Temporary Lecturership in Dept of Biomedical Genetics, Dr. ALMPGIBMS., University of Madras, Chennai
1993 - 1998	Post Doctoral Fellow in Dr. ALMPGIBMS, University of Madras
1999 - till date	Senior Scientist & Head, Department of Molecular Genetics, MDRF
2011 - till date	Executive Scientific Officer of MDRF

Honors and Awards

1978	Science Talent Scholarship Finalist in the national level test conducted by NCERT, India
1985-1987	Junior Research Fellowship Award, MAB Project, Department of Atomic Energy, Government of India
1987-1991	Joint University Grants Commission and Council of Scientific and Industrial research, CSIR- Junior Research Fellowship award
1991-1992	Joint University Grants Commission and Council of Scientific and Industrial research, CSIR- Senior Research Fellowship
1993-1998	Council of Scientific and Industrial research Council of Scientific and Industrial Research (CSIR) Post-Doctoral Fellowship award
2011	Wellcome Trust Advance course participant, Cambridge, UK
2011-till date	Appointed as Member of the Board of Studies in Genetics, Madras University
2013-till date	Faculty of INSPIRE programme of DST for science students
2010-till date	Mentorship award for Summer Fellowship Programme by the Indian National Science Academy
2018& 2019	Mentorship award for students of University of Chicago, USA, Centre for Global Health. Mentored a undergraduate student from USA, under this program on Genomics in diabetes between June-August
2019	Dr. G. Jayaraman Oration award , University of Madras, Chennai
2019	Lead participant of Monogenic Diabetes meeting, University of Exeter Medical School, Exeter, UK (2019)
2019	Wellcome Trust Advance course participant, Cambridge, UK
2023	Invited Speaker of the Congenital Hyperinsulinism meeting at CHOP, Philadelphia, USA, April 2022
2024	Travel Grant award for the Study Group of Genetics of Diabetes meeting at Exeter, UK, April 2024
2024	Invited as a member in the Expert Committee for Variant Curation and annotation in Clin Gen and Clinvar

CONTRIBUTION TO SCIENCE

Only selected publications are referenced.

1) Genomics of type 2 diabetes

At the turn of this century ,in 2000 I started the molecular genetics lab in MDRF which was one of the first diabetes research Institutions , to have electronic medical record in the world. I was instrumental in collecting patients' samples for genetic research with their consent. As an architect of the genetics laboratory, I sent up a workflow in genetics lab starting from sample collection, storage, consent form drafting, approvals and pedigree analysis. I was one of the team members in the collection of big South Indian pedigree (n=30), with about 30% diabetes in them for genetic study and analysis. The genetics protocols were standardized by me which is now being performed by my PhD students and technicians. In my lab, the genetic perspective are central and we use the molecular biology tools which are necessary for answering the question at hand. The main focus in my lab is to understand the genetic susceptibility of polygenic T2D and disease pathophysiology. The overall aim is to develop paradigm for the genetics of T2D and to assess how genomic information can be used in modern clinical medicine in the era of personalized medicine. I am heading various efforts in genotying from single SNP study, gene-gene interactions between multiple genes, replication of GWAS findings and GWAS studies in Indian population. This has given a lot of insights into the genetic architecture of T2D in Asian Indian who have higher predilection of disease and who have specific phenotypes which have been correlated with specific genotypes. I have been one of the key scientists in the Genome Asia100k pilot project that addresses the lack of reference genome datasets in Asian populations enabling scientists to work on these results. .

1. **Radha V**, Vimaleswaran KS, Babu HNS, Abate N, Chandalia M, Satija P, Grundy SM, Ghosh S, Majumder PP, Deepa R, Rao SMR, Mohan V. Role of genetic polymorphism peroxisome proliferator – Activated Receptor – 2 Pro 12Ala on ethnic susceptibility to diabetes in south Asian and Caucasian subjects. Diabetes Care. 2006, 29: 1046-105.
2. Kooner JS, Saleheen D, Sim X, Sehmi J, Zhang W, Frossard P, Been LF, Chia KS, Dimas AS, Hassanali N, Jafar T, Jowett JBM, **Radha V**, Rees SD, Takeuchi F, Young R, Aung T, Basit A, Chidambaram M, Das D, Grunberg E, Hedman AK, Hydrie ZI, Islam M, Khor CC, Kowlessur S, Kristensen MM, Liju S, Lim WY, Matthews DR, Liu JJ, Morris AP, Nica AC, Pinidiyapathirage JM, Prokopenko I, Rasheed A, Samuel M, Shah N, Shera AS, Small KS, Suo C, Wickremasinghe AR, Wong TY, Yang M, Zhang F, DIAGRAM, MuTHER, Abecasis R, Barnett AH, Caulfield M, Deloukas P, Frayling T, Froguel P, Kato N, Katulanda P, Kelly MA, Liang J, Mohan V, Sanghera DK, Scott J, Seielstad M, Zimmet PZ, Elliott P, Teo YY, McCarthy MI, Danesh J, Tai ES, Chambers JC. Genome-wide association study in people of South Asian ancestry identifies six novel susceptibility loci for type 2 diabetes. Nature Genetics, 2011: 43, 984–989.
3. Tabassum R, Chauhan G, Dwivedi OP, Mahajan A, Jaiswal A, Kaur I, Bandesh K, Singh T, Mathai BJ, Pandey Y, Chidambaram M, Sharma A, Chavali S, Sengupta S, Ramakrishnan L, Venkatesh P, Aggarwal SK, Ghosh S, Prabhakaran D, Srinath RK, Saxena M, Banerjee M, Mathur S, Bhansali A, Shah VN, Madhu SV, Marwaha RK, Basu A, Scaria V, McCarthy M, DIAGRAM, INDICO, **Radha V**, Mohan V, Tandon N, Bharadwaj D. Genome wide

association study for type 2diabetes in Indians identifies a new susceptibility locus at 2q21. Diabetes. 2013: 62(3):977-86.
4. DIAbetes Genetics Replication And Meta-analysis (DIAGRAM) Consortium. Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. Nat Genet. 2014: 46(3):234-44.
5. Chidambaram M, Liju S, Saboo B, Sathyavani K, Viswanathan V, Pankratz N, Gross M, Mohan V, **Radha V**. Replication of genome-wide association signals in Asian Indians with early-onset type 2 diabetes. Acta Diabetol. 2016;53(6):915-923.
6. Wall JD, Stawiski E, Ratan A, Kim HL, Kim C, Gupta R, Suryamohan K,[..], **Radha V**, Mohan V, Majumder PP, Seshagiri, Seo SJ, Schuster S, Peterson AS (2019). The Genome Asia 100K Project: Enabling Genetic Discoveries across Asia. Nature 576(7785):106-111.
7. Wall JD, Ratan A, Stawiski E, GenomeAsia 100K Consortium (2019) Identification of African-Specific Admixture between Modern and Archaic Humans. Am J Hum Genet.105(6):1254-1261. doi: 10.1016/j.ajhg.2019.11.005.
8. Gittu George, SushrimaGan, Yu Huang, Philip Appleby, A S Nar**, Radha Venkatesan,** Viswanathan Mohan, Colin N A Palmer, Alex S F Doney,(2020) PheGWAS: a new dimension to visualize GWAS across multiple phenotypes. Bioinformatics 36(8)15:2500–2505.
9. Ify R Mordi, Emanuele Trucco, Mohammad Ghouse Syed, Tom MacGillivray, Adi Nar, Yu Huang, Gittu George, Stephen Hogg, **Venkatesan Radha**, Vijayaraghavan Prathiba, Ranjit Mohan Anjana, Viswanathan Mohan, Colin NA Palmer, Ewan R Pearson, Chim C Lang, Alex SF Doney(2022) Prediction of major adverse cardiovascular events from retinal, clinical, and genomic data in individuals with type 2 diabetes: a population cohort study.Diabetes Care 45 (3), 710-716
10. Jeffrey D Wall, J Fah Sathirapongsasuti, Ravi Gupta, Asif Rasheed, **Radha Venkatesan,** Saurabh Belsare, Ramesh Menon, Sameer Phalke,[…..], Somasekar Seshagiri, Sekar Kathiresan, Arkasubhra Ghosh, V Mohan, Danish Saleheen, Eric W Stawiski, Andrew S Peterson (2023). South Asian medical cohorts reveal strong founder effects and high rates of homozygosity Nature Communications 14:3377.
11. Sundararajan Srinivasan, Samuel Liju, Natarajan Sathish, Moneeza K Siddiqui, Ranjit Mohan Anjana, Ewan R Pearson, Alexander SF Doney, Viswanathan Mohan, **Venkatesan Radha,** Colin NA Palmer (2023)Common and distinct genetic architecture of age at diagnosis of diabetes in South Indian and European populations Diabetes Care 46(8):1–9 | https://doi.org/10.2337/dc23-0243.

2) Genomics of Maturity Onset Diabetes in the Young (MODY) in India

I was the first to work on the molecular basis of MODY subtypes in Indian population. My work has led to a number of known mutations and few novel mutations in genes such as *HNF1A, HNF4A, GCK, HNF1B, ABBCC8* and *K*CNJ11 genes pertaining to MODY .Of particular interest is the Arg263His to mutations which was described in the MODY family for the first time in the world showing the segregation with disease phenotype in the family and also correlating in the expression and its structural biology basis. I perform MODY genetic testing in our lab, a Pan India effort and interpret the variant pathogenicity in them. This study has taught the relationships of some these genes in type 2 diabetes also. We have prospectively re created mutations in monogenic MODY

genes and have come up with an atlas of clinically actionalable common MODY gene variations which has the potential to serve as ready reference for clinician and scientists to deliver on Precision Diabetes. This has been one of the kind work in the world scenario (References 19 , 20)

12. Anuradha S, **Radha V**, Deepa R, Hansen T, Carstensen B, Pederson O, Mohan V.A prevalent amino acid polymorphism at Codon 98 (Ala98Val) of the Hepatocyte Nuclear Factor-1A is associated with maturity onset diabetes of the young and younger age at onset of Type 2 diabetes in Asian Indians. Diabetes Care 2005, 28; 2430-2435.
13. **Radha V**, Ek J, Anuradha S,Hansen T,Pedersen O, Mohan V. Identification of novel variants in the hepatocyte nuclear factor 1 alpha gene in South Indian patients with maturity onset diabetes of young, J Clin Endocrine & Metabolism 2009, 94(6):1959-65.
14. Anuradha S, **Radha V**, Mohan V. Association of novel variants in the hepatocyte nuclear factor 4A gene with maturity onset diabetes of the young and early onset type 2 diabetes. Clin Genet. 2011, 80(6):541-549.
15. Kanthimathi S, Jahnavi S, Balamurugan K, Ranjani H, Sonya J, Goswami S, Chowdhury S, Mohan V, **Radha V**. Glucokinase gene mutations (MODY2) in Asian Indians. Diabetes Technology & Therapeutics, 2014: 16(3):180-185.
16. Kanthimathi S, Balamurugan K, Shanthi Rani CS, Gayathri V, Mohan V, **Radha V**. Identification and Functional Characterization of Hepatocyte Nuclear Factor -1B (MODY 5) Gene Mutations in Indian Diabetic Patients with Renal Abnormalities. Annals of Human Genetics, 2015: 79(1):10-9.
17. Balamurugan K, Bjørkhaug L, Mahajan S, Kanthimathi S, Njølstad PR, Srinivasan N, Mohan V, **Radha V**. Structure - Function studies of HNF1A (MODY3) gene mutations in South Indian patients with monogenic diabetes. Clin Genet. 2016, 90(6):486-495.
18. Mohan V, **Radha V**, Nguyen TT, Stawiski EW, Pahuja KB, Goldstein LD, Tom J, Anjana RM, Kong-Beltran M, Bhangale T, Jahnavi S, Chandni R, Gayathri V, et al. (2018) Comprehensive genomic analysis identifies pathogenic variants in maturity-onset diabetes of the young (MODY) patients in South India. BMC Med Genet. 19(1):22. doi: 10.1186/s12881-018-0528-6.
19. Ramasamy Aarthy, Kathryn Aston-Mourney, Anandakumar Amutha, Antonina Mikocka-Walus, Ranjit Mohan Anjana, Ranjit Unnikrishnan, Saravanan Jebarani, Ulagamathesan Venkatesan, Sundaramoorthy Gopi, **Venkatesan Radha**, Viswanathan Mohan (2023) Prevalence, clinical features and complications of common forms of Maturity Onset Diabetes of the Young (MODY) seen at a tertiary diabetes centre in south India Primary Care Diabetes https://doi.org/10.1016/j.pcd.2023.04.004
20. Natalie DeForest, Babu Kavitha, Siqi Hu, […], Laeya Najmi, Viswanathan Mohan, Jason Flannick, Gina M Peloso, Philip LSM Gordts, Sven Heinz, Aimee M Deaton, Amit V Khera, Jerrold Olefsky, **Venkatesan Radha**, Amit R Majithia (2023)Human gain-of-function variants in HNF1A confer protection from diabetes but independently increase hepatic secretion of atherogenic lipoproteinsCell Genomics doi.org/10.1016/j.xgen.2023.100339.
21. Babu Kavitha, Sampathkumar Ranganathan, Sundaramoorthy Gopi, Umashankar Vetrivel, Nagarajan Hemavathy, Viswanathan Mohan, **Venkatesan Radha** (2023)Molecular characterization and re-interpretation of *HNF1A* variants identified in Indian MODY subjects towards precision medicine Frontiers in Endocrinology Published 16 June 2023. doi10.3389/fendo.2023.1177268.

3) Genetics of Neonatal Diabetes in India

One of the focus areas of my research is on Neonatal diabetes genetics. I spearhead the genetic screening service for neonatal diabetes and syndromes in Indian. We have recently published a large series of NDM patients with KATP channel mutations and have helped many of them shift from insulin injection to Sulfonylurea therapy. We have also shown the genotype-phenotype correlation in them. Some of these highly mutable sites and some lying in important domains are now being prospectively recreated using saturation mutagenesis for the first time ever and now being characterized as an attempt to create a partial look-up-table for future references. I also follow up the patients on a regular basis to understand the disease course as glucose trajectories.

22. Poovazhagi V, Sangaralingam T, Senniappan S, Jahnavi S, **Radha V**, Mohan V. Clinical Profile and Outcome of Infantile Onset Diabetes Mellitus in Southern India. Indian Pediatrics, 2013: 50, 759-763.
23. Jahnavi S, Poovazhagi V, Kanthimathi S, Gayathri V, Mohan V, **Radha V**. EIF2AK3 mutations in South Indian children with permanent neonatal diabetes mellitus associated with Wolcott Rallison syndrome. Pediatric Diabetes.2013: 15(4):313-318.
24. Jahnavi S, Poovazhagi V, Mohan V, Bodhini D, Raghupathy P, Amutha A, Kumar PS, Adhikari P, Shriraam M, Tanvir K, Das A, Molnes J, Njolstad P, Unnikrishnan R, **Radha V**. Clinical and molecular characterization of neonatal diabetes and monogenic syndromic diabetes in Asian Indian children. Clinical Genetics, 2014: 83: 439–445.
25. Jain V, Satapathy A, Yadav J, Sharma R, **Radha V,** Mohan V, De Franco E, Ellard S. Clinical and Molecular Characterization of Children with Neonatal Diabetes Mellitus at a Tertiary Care Center in Northern India. Indian Pediatr. 2017 Jun 15;54(6):467-471.
26. **Radha V**, Ramya B, Gopi S, Kavitha B, Preetika S, Kalpana T, Unnikrishnan R, Mohan V, Gupta PK. Successful transition to sulphonylurea therapy from insulin in a child with permanent neonatal diabetes due to a KCNJ11 gene mutation. J. of Diabetology (2018)-9(2):65-67.
27. Balamurugan K, Kavitha B, Yang Z, Mohan V, **Radha V**, Shyng SL (2019) Functional characterization of activating mutations in the sulfonylurea receptor 1 (ABCC8) causing neonatal diabetes mellitus in Asian Indian children. Pediatr Diabetes. 20(4):397-407. doi: 10.1111/pedi.12843.
28. Gopi S, Kavitha B, Kanthimathi S, Kannan A, Kumar R, Joshi R, Kanodia S, Arya AD, Pendsey S, Pendsey S, Raghupathy P, Mohan V, **Radha V**. Genotype-phenotype correlation of KATPchannel gene defects causing permanent neonatal diabetes in Indian patients. Pediatr Diabetes. 2020 Sep 6. doi: 10.1111/pedi.13109. Epub ahead of print. PMID: 32893419.
29. Babu Kavitha, Kandi Srikanth, Deepshikha Singh, Sundaramoorthy Gopi, Viswanathan Mohan, Nagasuma Chandra & Venkatesan Radha .A novel stop-loss mutation in NKX2-2 gene as a cause of neonatal diabetes mellitus: molecular characterization and structural analysis. Acta Diabetol 61, 189–194 (2024). https://doi.org/10.1007/s00592-023-02192-y

4) Genetics of Congenital Hyperinsulinism in India

I was instrumental in starting the genetic screening of congenital hyperinsulinism in the country. I serve as the single point contact for the neonatologist and pediatricians to refer the patients for genetic analysis. I have reached out to many clinicians who treat this condition and this has resulted in building 135 CHI patient cohort. I have also established functional genomics analysis of CHI

patients, particularly with KATP channel mutations. We are currently investigating KATP mutations in the context of both NDM and CHI. Separating casual mutations from those due to coincidence is one of the important areas of my study. My lab is focused on fundamentals of human genetics particularly as it relates to the understanding of both polygenic and monogenic diabetes. It thus extends from lab to clinic by delivering on translational precision medicine.

30. **Radha V**, Bodhini D, Narayani N, Mohan V. Association study of the ABCC8 gene variants with type 2 diabetes in south Indians. IJHG, 2014: 20(1):37-42.
31. Jahnavi S, Poovazhagi V, Mohan V, **Radha V**. Neonatal Diabetes and Hyperinsulinemia: The Indian experience. Journal of Neonatology 2013: 27(2):15-23.
32. Varadarajan P, Ananthanarayanan K, Mirna K, Suresh J, **Venkatesan Radha**, Mohan V. Clinical Profile and Outcome of Persistent Hyperinsulinemic Hypoglycemia of Infancy. Pediatric Oncall, 2013: 50(8):759-63.
33. Jahnavi S, Poovazhagi V, Kanthimathi S, Balamurugan K, Bodhini D, Jaivinder Y, Vandana J, Khadgawat R, Jevalikar G, Mahuya S, Bhavatharini A, Dass AK, Kaur T, Mohan V, **Radha V.** Novel ABCC8 (SUR1) gene mutations in Asian Indian children with Congenital hyperinsulinemic hypoglycemia. Annals of Human Genetics, 2014: 78: 311–319.
34. Roy K, Satapathy AK, Houhton JAL, Flanagan SE, **Radha V**, Mohan V, Sharma R, Jain V.Congenital Hyperinsulinemic Hypoglycemia and Hyperammonemia due to Pathogenic Variants in GLUD1.Indian J Pediatr. 2019 May 22. doi: 10.1007/s12098-019-02980-x.

AS GUEST OF HONOUR

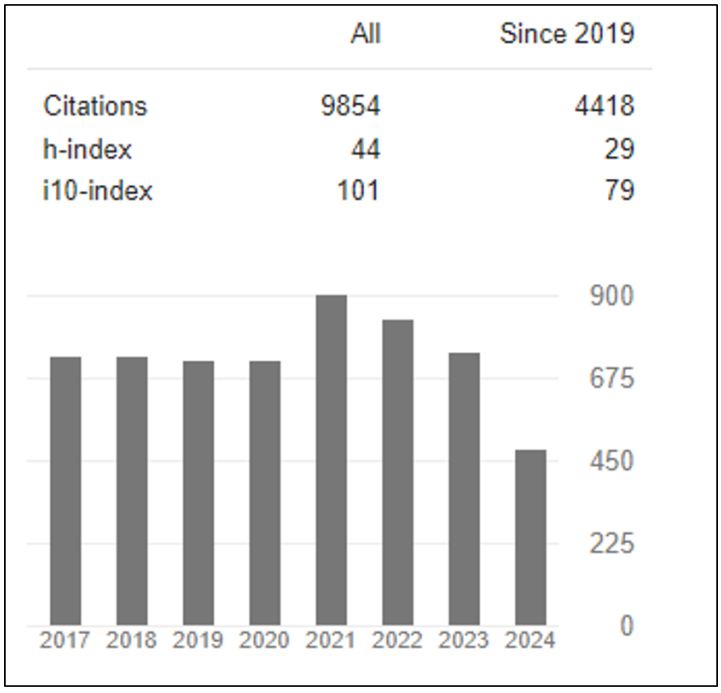
1. Guest speaker - 40Th Annual conference –ESICON 2010, CMC Vellore
2. Guest speaker, ‘’Ophthalmic Genetics and Genetic counselling for Clinicians and Basic Scientist- Conference and workshop, 2014’’, organized by Narayana Nethralaya, India and Cardiff University school of Medicine
3. Guest speaker, Indian Society for Human genetics conference 2014
4. Guest speaker, INSPIRE internship Science Camp 2015
5. Faculty, Dr. Mohan’s International diabetes update 2015
6. Guest speaker, 103rd Indian Science Congress 2016
7. Guest of Honor, DST Inspire internship Science Camp 2016
8. Guest speaker, Indian Society for Human genetics conference 2016
9. Guest Speaker, 4th SN genetics conference in Genetic testing and Diagnosis 2017
10. Invited speaker, First National workshop on Research Methodology in Pharmacogenetics 2018
11. Invited speaker, CBMH 2019, Sathyabama Institute of Science and Technology

PROJECTS CONDUCTED UNDER MY LEADERSHIP AS PI AND CO-PI

S. No	Project Title	Role	Status	Duration	Funding Agency
1	Functional Studies on Variants of Pancreatic β-cell genes (*HNF1A, HNF4A, ABCC8 and KCNJ11*) in monogenic diabetes– an experimental approach with clinical translational potential	Principal Investigator	Ongoing	2021-2024	ICMR
2	Comprehensive Molecular Studies in Monogenic forms of Diabetes in India	Principal Investigator	Ongoing	2019- 2022	DBT
3	A study on the genes implicated in congenital renal abnormalities in diabetic patients	Co-Investigator	Ongoing	2018-2021	DST-SERB
4	Investigations of Association of Mutations in MODY and NDM by Translational Genomic Research	Principal investigator	Ongoing	2017- 2022	ICMR
5	Identification and characterization of functional polymorphisms in the physiological dysglycemic peptide pancreastatin in an Indian population	Co-investigator	Completed	2014-2017	DST
6	MicrobDiab - Studies of interactions between the gut Microbiome and the human host biology to elucidate novel aspects of the pathophysiology and pathogenesis of type 2 Diabetes	Co-Principal investigator	Completed	2013-2017	DBT
7	Diabetes: Genetic Susceptibility in the Asian Indian Population	Co-investigator	Completed	2011-2012	ICMR
8	Replication of Novel type 2 diabetes genes in Early onset type 2 diabetes	Principal investigator	Completed	2011-2014	DST
9	DBT Programme support for research in diabetes: “Search for susceptibility genes for type 2 diabetes in Indians”	Co-Principal investigator	Completed	2008-2013	DBT
10	Genetic Analysis of Maturity Onset diabetes of young (MODY) and neonatal diabetes in India	Principal investigator	Completed	2010-2013	ICMR
11	ICMR Advanced Centre for Genomics in type2 diabetes	Co-Principal investigator	Completed	2006-2011	ICMR

12	Genomic Analysis of MHC genes (HLA & non HLA) in type-1 diabetes in the Indian population	Co-Investigator	Completed	2008-2011	ICMR
13	Molecular Genetic studies on type 2 diabetes and diabetic retinopathy	Principal investigator	Completed	2003-2006	DBT
14	Anthropometric Biochemical & Genetic contribution to visceral and subcutaneous adiposity in Diabetic and on Diabetic subjects	Co-Principal investigator	Completed	2003 - 2006	DST
15	Studies of the genetic variation in hepatocyte nuclear factor genes and glucokinase gene related to Maturity onset Diabetes of the young and Early onset diabetes in South Indians	Principal Investigator	Completed	2002-2005	ICMR

GOOGLE SCHOLAR PROFILE



COMPLETE LIST OF PUBLICATIONS

S No	Authors	Title	Publication	Volume	Number	Pages	Year
1	Kavitha, Babu; Srikanth, Kandi; Singh, Deepshikha; Gopi, Sundaramoorthy; Mohan, Viswanathan; Chandra, Nagasuma; Radha, Venkatesan;	A novel stop-loss mutation in NKX2-2 gene as a cause of neonatal diabetes mellitus: molecular characterization and structural analysis	Acta Diabetologica	61	2	189-194	2024
2	Abbasi, Muhammad Zafar Iqbal; Unnikrishnan, Ambika Gopalakrishnan; Venkatesan, Radha;	Monogenic diabetes	BIDE's Diabetes Desk Book			397-413	2024
3	Sneha, Janaki; Yogaprabhu, Saravanan; Anjana, Ranjit Mohan; Mohan, Viswanathan; Radha, Venkatesan;	The influence of type-2 diabetes on cataract and their shared genetic basis through relevant genome-wide association studies.	Current Science (00113891)	126	3		2024
4	Esha, Bhuiya; Yogaprabhu, Saravanan; Sneha, Janaki; Vijayalakshmi, Karthick; Mohan, Viswanathan; Radha, Venkatesan; Bodhini, Dhanasekaran;	Study of Association of Vitamin D Receptor Gene Polymorphisms with Diabetic Nephropathy	Journal of Diabetology	15	2	222-228	2024
5	TIWARI, PRADEEP K; MOHAN ANJANA, RANJIT; JAGANNATHAN, RAM; KONDAL, DIMPLE; DEEPA, MOHAN; GUJRAL, UNJALI; WALIA, GAGANDEEP K; RADHA, VENKATESAN; PANDEY, RAJESH;	1426-P: Type 2 Diabetes Phenotypes and Their Association with Mortality in South Asians—Findings from the Center for Cardiometabolic Risk Reduction in South Asia (CARRS) Study	Diabetes	73	Supplement_1		2024

	SENGUPTA, SHANTANU;						
6	JAGANNATHAN, RAM; KONDAL, DIMPLE; TIWARI, PRADEEP K; GUJRAL, UNJALI; MOHAN ANJANA, RANJIT; DEEPA, MOHAN; WALIA, GAGANDEEP K; SENGUPTA, SHANTANU; PANDEY, RAJESH; RADHA, VENKATESAN;	1432-P: Identifying Prediabetes Phenotypes and Their Associations with Clinical Outcomes—Findings from the Center for Cardiometabolic Risk Reduction in South Asia (CARRS) Study	Diabetes	73	Supplement_1		2024
7	Lathika Rajendrakumar, Aravind; Narayanan Nair, Anand Thakarakkattil; Chourasia, Mehul Kumar; Nangia, Charvi; Srinivasan, Sundararajan; Venkatesan, Radha; Ranjit Mohan, Anjana; Siddiqui, Moneeza K; Meng, Weihua; Viswanathan, Mohan;	Multi-ancestry genome-wide association study of neutrophil-lymphocyte ratio and polygenic risk score development to explore causal association with diabetic retinopathy	medRxiv			2024.06.19.24309194	2024
8	AT, Narayanan Nair; Chourasia, MK; Nangia, C; Srinivasan, S; Venkatesan, R; Siddiqui, MK; Meng, W; Viswanathan, M; Palmer, CN;	Multi-ancestry genome-wide association study of neutrophil-lymphocyte ratio and polygenic risk score development to explore causal association with diabetic retinopathy					2024
9	Srinivasan, Sundararajan; Liju, Samuel; Sathish, Natarajan; Siddiqui, Moneeza K; Anjana, Ranjit	Common and distinct genetic architecture of age at diagnosis of diabetes in	Diabetes Care	46	8	1515-1523	2023

	Mohan; Pearson, Ewan R; Doney, Alexander SF; Mohan, Viswanathan; Radha, Venkatesan; Palmer, Colin NA;	south Indian and European populations					
10	Pichakacheri, Sureshkumar; Radha, Venkatesan; Mohan, Viswanathan; Kumar, Sidharth S; Babu, Aishwarya Suresh;	Maternally inherited diabetes and deafness (MIDD)—a series of case reports	International Journal of Diabetes in Developing Countries	43	4	583-586	2023
11	Aarthy, Ramasamy; Aston-Mourney, Kathryn; Amutha, Anandakumar; Mikocka-Walus, Antonina; Anjana, Ranjit Mohan; Unnikrishnan, Ranjit; Jebarani, Saravanan; Venkatesan, Ulagamathesan; Gopi, Sundaramoorthy; Radha, Venkatesan;	Prevalence, clinical features and complications of common forms of Maturity Onset Diabetes of the Young (MODY) seen at a tertiary diabetes centre in south India	Primary Care Diabetes	17	4	401-407	2023
12	Dupuis, Theo; Anjana, Ranjit Mohan; Srinivasan, Sundararajan; Dawed, Adem Y; Melhem, Alaa; Bigossi, Margherita; Taylor, Alasdair; Adedire, Ebenezer Tolu; Saravanan, Jebarani; Sartori, Ambra;	XBP1 expression in pancreatic islet cells is associated with poor glycaemic control across ancestries especially in young non-obese onset diabetes	medRxiv			2023.05.04.23289501	2023
13	DeForest, Natalie; Kavitha, Babu; Hu, Siqi; Isaac, Roi; Krohn, Lynne; Wang, Minxian; Du, Xiaomi; Saldanha, Camila De Arruda; Gylys, Jenny; Merli, Edoardo;	Human gain-of-function variants in HNF1A confer protection from diabetes but independently increase hepatic secretion of atherogenic lipoproteins	Cell Genomics	3	7		2023

14	Kavitha, Babu; Ranganathan, Sampathkumar; Gopi, Sundaramoorthy; Vetrivel, Umashankar; Hemavathy, Nagarajan; Mohan, Viswanathan; Radha, Venkatesan;	Molecular characterization and re-interpretation of HNF1A variants identified in Indian MODY subjects towards precision medicine	Frontiers in Endocrinology	14		1177268	2023
15	Wall, Jeffrey D; Sathirapongsasuti, J Fah; Gupta, Ravi; Rasheed, Asif; Venkatesan, Radha; Belsare, Saurabh; Menon, Ramesh; Phalke, Sameer; Mittal, Anuradha; Fang, John;	South Asian medical cohorts reveal strong founder effects and high rates of homozygosity	Nature communications	14	1	3377	2023
16	Shah, Idrees A; Rashid, Rabiya; Bhat, Abid; Rashid, Haroon; Bashir, Rohina; Asrar, Mir M; Wani, Imtiyaz A; Charoo, Bashir Ahmad; Radha, Venkatesan; Mohan, V;	A novel mutation in the KCNJ11 gene (p. Val36Glu), predisposes to congenital hyperinsulinemia	Gene	878		147576	2023
17	Yogaprabhu, Saravanan; Bodhini, Dhanasekaran; Sneha, Janaki; Anjana, Ranjit Mohan; Mohan, Viswanathan; Radha, Venkatesan;	Genetics of Diabetic Kidney Disease in Type 2 Diabetes: Candidate Gene Studies and Genome-Wide Association Studies (GWAS)	Journal of the Indian Institute of Science	103	1	273-285	2023
18	Radha, Venkatesan; Kanthimathi, Sekar; Amutha, Anandakumar; Bhavadharini, Balaji; Anjana, Ranjit Mohan; Unnikrishnan, Ranjit; Mohan, Viswanathan;	Monogenic Diabetes Reported in South Asians: A Systematic Review	Journal of the Indian Institute of Science	103	1	309-334	2023

19	Aarthy, Ramasamy; Aston-Mourney, Kathryn; Amutha, Anandakumar; Mikocka-Walus, Antonina; Anjana, Ranjit Mohan; Unnikrishnan, Ranjit; Jebarani, Saravanan; Venkatesan, Ulagamathesan; Gopi, Sundaramoorthy; Radha, Venkatesan;	Identification of appropriate biochemical parameters and cut points to detect Maturity Onset Diabetes of Young (MODY) in Asian Indians in a clinic setting	Scientific Reports	13	1	11408	2023
20	Siddiqui, Moneeza K; Anjana, Ranjit Mohan; Dawed, Adem Y; Martoeau, Cyrielle; Srinivasan, Sundararajan; Saravanan, Jebarani; Madanagopal, Sathish K; Taylor, Alasdair; Bell, Samira; Veluchamy, Abirami;	Young-onset diabetes in Asian Indians is associated with lower measured and genetically determined beta cell function	Diabetologia	65	6	973-983	2022
21	Allu, Prasanna KR; Kiranmayi, Malapaka; Mukherjee, Sromona D; Chirasani, Venkat R; Garg, Richa; Vishnuprabu, Durairajpandian; Ravi, Sudesh; Subramanian, Lakshmi; Sahu, Bhavani S; Iyer, Dhanya R;	Functional Gly297ser variant of the physiological dysglycemic peptide pancreastatin is a novel risk factor for cardiometabolic disorders	Diabetes	71	3	538-553	2022
22	Sharma, Rajni; Roy, Kakali; Satapathy, Amit Kumar; Kumar, Anil; Nanda, Pamali Mahasweta; Damle, Nishikant; Houghton, Jayne AL; Flanagan, Sarah E; Radha,	Molecular characterization and management of congenital hyperinsulinism: a tertiary centre experience	Indian Pediatrics	59	2	105-109	2022

	Venkatesan; Mohan, Viswanathan;						
23	Chapla, Aaron; Johnson, Jabasteen; Korula, Sophy; Mohan, Nisha; Ahmed, Anish; Varghese, Deny; Rangasamy, Parthiban; Ravichandran, Lavanya; Jebasingh, Felix; Kumar Agrawal, Krishna;	Wfs1 Gene–associated diabetes phenotypes and identification of a founder mutation in southern India	The Journal of Clinical Endocrinology & Metabolism	107	5	1328-1336	2022
24	Mordi, Ify R; Trucco, Emanuele; Syed, Mohammad Ghouse; MacGillivray, Tom; Nar, Adi; Huang, Yu; George, Gittu; Hogg, Stephen; Radha, Venkatesan; Prathiba, Vijayaraghavan;	Prediction of major adverse cardiovascular events from retinal, clinical, and genomic data in individuals with type 2 diabetes: a population cohort study	Diabetes Care	45	3	710-716	2022
25	George, Gittu; Huang, Yu; Gan, Sushrima; Nar, Aditya S; Ha, Jason; Venkatesan, Radha; Mohan, Viswanathan; Wang, Huan; Brown, Andrew; Palmer, Colin NA;	iPheGWAS: An intelligent computational framework to integrate and visualise genome-phenome wide association results	bioRxiv			2022.03.05.483121	2022
26	DeForest, Natalie; Kavitha, Babu; Hu, Siqi; Isaac, Roi; Wang, Minxian; Du, Xiaomi; De Arruda Saldanha, Camila; Gylys, Jenny; Abagyan, Ruben; Najmi, Laeya;	Human gain-of-function variants in HNF1A confer protection from diabetes but independently increase hepatic secretion of multiple cardiovascular disease risk factors	medRxiv			2022.03.29.22273133	2022

27	Saravanakumar, S; Sheetal, MM; Gnanaprakash, V; Chidambaram, M; Liju, S; Mathi, S Kanthi; Shanthirani, CS; Mohan, V; Radha, V; Bodhini, D;	IDF21-0406 Genetic variants in the Carnosine-Carnosinase system and their impact on diabetic nephropathy	Diabetes Research and Clinical Practice	186			2022
28	Wuni, Ramatu; Adela Nathania, Evelyn; Ayyappa, Ashok K; Lakshmipriya, Nagarajan; Ramya, Kandaswamy; Gayathri, Rajagopal; Geetha, Gunasekaran; Anjana, Ranjit Mohan; Kuhnle, Gunter GC; Radha, Venkatesan;	Impact of lipid genetic risk score and saturated fatty acid intake on central obesity in an asian Indian population	Nutrients	14	13	2713	2022
29	Venkatesan, Radha; Mohan, V; Kumar, Rakesh;	Genetics for the pediatric endocrinologists–1	Journal of Pediatric Endocrinology and Diabetes	2	1	23-30	2022
30	SureshKumar, Pichakacheri; Radha, Venkatesan; Mohan, Viswanathan; Kumar, Sidharth S; Babu, Aishwarya Suresh;	Maternally Inherited Diabetes and Deafness (MIDD)-a Series of Case Reports					2022
31	Mohan, Viswanathan; Radha, Venkatesan;	Precision diabetes is becoming a reality in India	Proceedings of the Indian National Science Academy	88	4	551-559	2022
32	Lee, CEC; Subramani, P; Ananth, P; Bhalraam, U; Victor, C; Venkatesan, R; Prathiba, V; Anjana, RM; Palmer, CNA; Struthers, AD;	High prevalence of asymptomatic left ventricular diastolic dysfunction and its detection among South Asian patients with Type 2 Diabetes Mellitus	European Heart Journal	43	Supplement_2	ehac544.821	2022

		compared with White Europeans					
33	Yadav, Arti; Kumar, Rakesh; Rawat, Amit; Venkatesan, Radha;	Neonatal diabetes with a rare LRBA mutation	BMJ Case Reports CP	15	11	e250243	2022
34	Radha, V; Mohan, V; Rakesh, K;	Genetics for the pediatric endocrinologists-1 Diagnosis of monogenic diabetes among children and adolescents	Journal of Pediatric Endocrinology and Diabete	22		23-30	2022
35	Siddiqui, Moneeza K; Anjana, Ranjit Mohan; Dawed, Adem Y; Martoeau, Cyrielle; Srinivasan, Sundararajan; Saravanan, Jebarani; Madanagopal, Sathish K; Taylor, Alasdair; Bell, Samira; Veluchamy, Abirami;	Young-onset diabetes in Asian Indians is associated with lower measured and genetically determined beta cell function (10.1007/s00125-022-05671-z, 2022)	DIABETOLOGIA	65	7	1237-1237	2022
36	Gopi, Sundaramoorthy; Kavitha, Babu; Kanthimathi, Sekar; Kannan, Alagarsamy; Kumar, Rakesh; Joshi, Rajesh; Kanodia, Swati; Arya, Archana Dayal; Pendsey, Sanket; Pendsey, Sharad;	Genotype-phenotype correlation of KATP channel gene defects causing permanent neonatal diabetes in Indian patients	Pediatric Diabetes	22	1	82-92	2021
37	Pinna, Nishal Kumar; Anjana, Ranjit Mohan; Saxena, Shruti; Dutta, Anirban; Gnanaprakash, Visvanathan; Rameshkumar,	Trans-ethnic gut microbial signatures of prediabetic subjects from India and Denmark	Genome medicine	13		Jan-20	2021

	Gnanavadivel; Aswath, Sukumaran; Raghavan, Srividhya; Rani, Coimbatore Subramanian Shanthi; Radha, Venkatesan;						
38	Rajan, Nishanth; Kalpana, Jamuna; Gopi, Sundaramoorthy; Mohan, Vishwanathan; Radha, Venkatesan; Krishnan, Lalitha;	Persistent Hyperinsulinemic Hypoglycemia in Infancy-A Case Report	Journal of Nepal Paediatric Society	41	1	107-110	2021
39	Vimaleswaran, Karani Santhanakrishnan; Bodhini, Dhanasekaran; Jiang, Juanjie; Ramya, Kandaswamy; Mohan, Deepa; Shanthi Rani, Coimbatore Subramanian; Lakshmipriya, Nagarajan; Sudha, Vasudevan; Pradeepa, Rajendra; Anjana, Ranjit Mohan;	Circulating adiponectin mediates the association between omentin gene polymorphism and cardiometabolic health in Asian Indians	Plos one	16	5	e0238555	2021
40	Aarthy, Ramasamy; Aston-Mourney, Kathryn; Mikocka-Walus, Antonina; Radha, Venkatesan; Amutha, Anandakumar; Anjana, Ranjit Mohan; Unnikrishnan, Ranjit; Mohan, Viswanathan;	Clinical features, complications and treatment of rarer forms of maturity-onset diabetes of the young (MODY)-A review	Journal of Diabetes and its Complications	35	1	107640	2021
41	Aggarwal, Bhawana; Sharma, Rajni; Radha, Venkatesan; Jain, Vandana;	Diabetes mellitus due to Wolfram syndrome type 1 (DIDMOAD)	Indian Pediatrics	58	5	487-488	2021

42	Unnikrishnan, Ranjit; Radha, Venkatesan; Mohan, Viswanathan;	Challenges involved in incorporating personalised treatment plan as routine care of patients with diabetes	Pharmacogenomics and personalized medicine			327-333	2021
43	Alvarez-Silva, Camila; Kashani, Alireza; Hansen, Tue Haldor; Pinna, Nishal Kumar; Anjana, Ranjit Mohan; Dutta, Anirban; Saxena, Shruti; Støy, Julie; Kampmann, Ulla; Nielsen, Trine;	Trans-ethnic gut microbiota signatures of type 2 diabetes in Denmark and India	Genome medicine	13		Jan-13	2021
44	Nicoletti, Paola; Devarbhavi, Harshad; Goel, Ashish; Venkatesan, Radha; Eapen, Chundamannil E; Grove, Jane I; Zafer, Samreen; Bjornsson, Einar; Lucena, M Isabel; Andrade, Raul J;	Genetic risk factors in drug-induced liver injury due to isoniazid-containing antituberculosis drug regimens	Clinical Pharmacology & Therapeutics	109	4	1125-1135	2021
45	Radha, V; Mohan, V;	Genomics of Type 2 Diabetes Mellitus and Monogenic Forms of Diabetes					2021
46	Gopi, Sundaramoorthy; Gowri, Palanisamy; Panda, Jayant Kumar; Sathyanarayana, Santhosh Olety; Gupta, Sunil; Chandru, Sundaramoorthy; Chandni, Radhakrishnan; Raghupathy, Palany; Dayal, Devi; Mohan, Viswanathan;	Insulin gene mutations linked to permanent neonatal diabetes mellitus in Indian population	Journal of Diabetes and its Complications	35	12	108022	2021

47	Alsulami, Sooad; Bodhini, Dhanasekaran; Sudha, Vasudevan; Shanthi Rani, Coimbatore Subramanian; Pradeepa, Rajendra; Anjana, Ranjit Mohan; Radha, Venkatesan; Lovegrove, Julie A; Gayathri, Rajagopal; Mohan, Viswanathan;	Lower dietary intake of plant protein is associated with genetic risk of diabetes-related traits in urban Asian Indian adults	Nutrients	13	9	3064	2021
48	Nangia, C; Srinivasan, S; Radha, V; Mohan, V; Palmer, CNA;	Selection pressures on the ACE2 gene in a Scottish and South Indian type 2 diabetes population	DIABETOLOGIA	64	SUPPL 1	79-79	2021
49	George, Gittu; Gan, Sushrima; Huang, Yu; Appleby, Philip; Nar, AS; Venkatesan, Radha; Mohan, Viswanathan; Palmer, Colin NA; Doney, Alex SF;	PheGWAS: a new dimension to visualize GWAS across multiple phenotypes	Bioinformatics	36	8	2500-2505	2020
50	Patil, Omkar; Ravikumar, Karnam Guruswamy; Gopi, Sundaramoorthy; Raman, Thulasi; Radha, Venkatesan; Mohan, Viswanathan;	Thiamine-responsive megaloblastic anemia syndrome: a case report	Journal of Diabetology	11	1	45-48	2020
51	Bhowmick, A; Sarkar, P; Baruah, MP; Bodhini, Dh; Radha, V; Mohan, V; Banu, S;	Association of SLC30A 8, CDKAL 1, TCF7L 2 and HHEX Gene Polymorphisms with Type 2 Diabetes in the Population of North East India	Cytology and Genetics	54		165-172	2020
52	Wall, Jeffrey D; Sathirapongsasuti, J Fah; Gupta, Ravi; Barik, Anamitra; Rai, Rajesh	South Asian Patient Population Genetics Reveal Strong Founder Effects and High Rates of	bioRxiv			2020.10.02.323238	2020

	Kumar; Rasheed, Asif; Radha, Venkatesan; Belsare, Saurabh; Menon, Ramesh; Phalke, Sameer;	Homozygosity–New Resources for Precision Medicine					
53	Anjana, Ranjit Mohan; Pradeepa, Rajendra; Deepa, Mohan; Jebarani, Saravanan; Venkatesan, Ulagamathesan; Parvathi, Somasundaram Jaya; Balasubramanyam, Muthuswamy; Radha, Venkatesan; Poongothai, Subramani; Sudha, Vasudevan;	Acceptability and utilization of newer technologies and effects on glycemic control in type 2 diabetes: lessons learned from lockdown	Diabetes Technology & Therapeutics	22	7	527-534	2020
54	Liju, Samuel; Chidambaram, Manickam; Mohan, Viswanathan; Radha, Venkatesan;	Impact of type 2 diabetes variants identified through genome-wide association studies in early-onset type 2 diabetes from South Indian population	Genomics & informatics	18	3		2020
55	Alathari, Buthaina E; Bodhini, Dhanasekaran; Jayashri, Ramamoorthy; Lakshmipriya, Nagarajan; Shanthi Rani, Coimbatore Subramanian; Sudha, Vasudevan; Lovegrove, Julie A; Anjana, Ranjit Mohan; Mohan, Viswanathan; Radha, Venkatesan;	A nutrigenetic approach to investigate the relationship between metabolic traits and vitamin D status in an Asian Indian population	Nutrients	12	5	1357	2020
56	Srinivas, Sahana M; Thimmaiah, Sowjanya G; Venkatesan, Radha; Palany, Raghupathy;	H Syndrome: A Rare Case with Homozygous Mutation in: SLC29A3: Gene	Indian Journal of Paediatric Dermatology	21	4	354-355	2020

57	Giri, Anil K; Prasad, Gauri; Bandesh, Khushdeep; Parekatt, Vaisak; Mahajan, Anubha; Banerjee, Priyanka; Kauser, Yasmeen; Chakraborty, Shraddha; Rajashekar, Donaka;	Multifaceted genome-wide study identifies novel regulatory loci in SLC22A11 and ZNF45 for body mass index in Indians	Molecular Genetics and Genomics	295		1013-1026	2020
58	Radha, V; Mohan, V;	Maturity onset Diabetes of the Young					2020
59	Jia, Guangliang; Gao, Yanxiang; Li, Chunzhi; Zhang, Yanqin;	Effects of MTNR1B genetic variants on individual susceptibility to gestational diabetes mellitus: a meta-analysis	American Journal of Perinatology	37	6	607-612	2020
60	Gnanaprakash, Visvanathan; Bodhini, Dhanasekaran; Kanthimathi, Sekar; Ginivenisha, Kumaradas; Shanthirani, Coimbatore Subramanian; Anjana, Ranjit Mohan; Mohan, Viswanathan; Radha, Venkatesan;	Association of Vitamin D receptor (TaqI, BsmI, and FokI) polymorphisms with prediabetes and Type 2 diabetes in Asian Indians	Journal of Diabetology	10	1	29-36	2019
61	Roy, Kakali; Satapathy, Amit Kumar; Houhton, Jayne AL; Flanagan, Sarah E; Radha, Venkatesan; Mohan, Viswanathan; Sharma, Rajni; Jain, Vandana;	Congenital hyperinsulinemic hypoglycemia and hyperammonemia due to pathogenic variants in GLUD1	The Indian Journal of Pediatrics	86		1051-1053	2019
62	Surendran, Shelini; Jayashri, Ramamoorthy; Drysdale, Lauren; Bodhini, Dhanasekaran;	Evidence for the association between FTO gene variants and vitamin	Genes & Nutrition	14		01-Sep	2019

	Lakshmipriya, Nagarajan; Shanthi Rani, Coimbatore Subramanian; Sudha, Vasudevan; Lovegrove, Julie A; Anjana, Ranjit M; Mohan, Viswanathan;	B12 concentrations in an Asian Indian population					
63	Wall, Jeffrey D; Ratan, Aakrosh; Stawiski, Eric; Kim, Hie Lim; Kim, Changhoon; Gupta, Ravi; Suryamohan, Kushal; Gusareva, Elena S; Purbojati, Rikky Wenang; Bhangale, Tushar;	Identification of African-specific admixture between modern and archaic humans	The American Journal of Human Genetics	105	6	1254-1261	2019
64	Mohan, Viswanathan; Radha, Venkatesan;	Precision diabetes is slowly becoming a reality	Medical Principles and Practice	28	1	01-Sep	2019
65	Balamurugan, Kandasamy; Kavitha, Babu; Yang, Zhongying; Mohan, Viswanathan; Radha, Venkatesan; Shyng, Show-Ling;	Functional characterization of activating mutations in the sulfonylurea receptor 1 (ABCC8) causing neonatal diabetes mellitus in Asian Indian children	Pediatric diabetes	20	4	397-407	2019
66	Prasad, Gauri; Bandesh, Khushdeep; Giri, Anil K; Kauser, Yasmeen; Chanda, Prakriti; Parekatt, Vaisak; INDICO; Mathur, Sandeep; Madhu, Sri Venkata; Venkatesh, Pradeep;	Genome-wide association study of metabolic syndrome reveals primary genetic variants at CETP locus in Indians	Biomolecules	9	8	321	2019
67		The GenomeAsia 100K Project enables genetic discoveries across Asia	Nature	576	7785	106-111	2019

68	Prasad, Gauri; Giri, Anil K; Indico Consortium; Basu, Analabha; Tandon, Nikhil; Bharadwaj, Dwaipayan;	Genomewide association study for C-reactive protein in Indians replicates known associations of common variants	Journal of genetics	98	1	20	2019
69	Bandesh, Khushdeep; Prasad, Gauri; Giri, Anil Kumar; Voruganti, V Saroja; Butte, Nancy F; Cole, Shelley A; Comuzzie, Anthony G; Indico Consortium; Tandon, Nikhil; Bharadwaj, Dwaipayan;	Genomewide association study of C-peptide surfaces key regulatory genes in Indians	Journal of genetics	98		01-Sep	2019
70	RADHIKA, T; VENKATESAN, R; SATHIYA NARAYANAN, C;	FORMABILITY AND VOID ANALYSIS OF AA5052 SHEET DURING THE MULTI POINT INCREMENTAL FORMING PROCESS.	Journal of the Balkan Tribological Association	25	1		2019
71	Kandavel, Sadhana; Kumar, PD Madan;	Association between salivary fructosamine, plasma glycated hemoglobin, and plasma glucose levels among type II diabetes mellitus and nondiabetic individuals—a cross-sectional study	European Journal of Dentistry	13	3	310-317	2019
72	Ramya, B; Lovelena, M; Radha, V; Unnikrishnan, Ranjit; Mohan, Viswanathan;	Werner Syndrome: A Case Report	Diabetes Clinical Case Series–2			153	2018
73	Radha, Venkatesan; Ramya, Bhuvanagiri; Gopi, Sundaramoorthy; Kavitha, Babu; Preetika, Somayajula; Thai,	Successful transition to sulphonylurea therapy from insulin in a child with permanent neonatal	Journal of Diabetology	9	2	65-67	2018

	Kalpana; Unnikrishnan, Ranjit; Mohan, Viswanathan; Gupta, Prasanna Kumar;	diabetes due to a KCNJ11 gene mutation					
74	Siddiqui, Samreen; Waghdhare, Swati; Gopi, Sundaramoorthy; Bhargava, Amit; Panda, Manju; Radha, Venkatesan; Mohan, Viswanathan; Dubey, Shweta; Jha, Sujeet;	GCK gene screening and association of GCK variants with gestational diabetes in North Indian population	Clinical Medicine Insights: Endocrinology and Diabetes	11		1.18E+15	2018
75	Radha, Venkatesan; Mohan, Viswanathan;	Studying Genomics of Diabetes: Now a Useful Tool for Physicians	Recent Advances in Diabetes			3	2018
76	Mohan, Viswanathan; Radha, Venkatesan; Nguyen, Thong T; Stawiski, Eric W; Pahuja, Kanika Bajaj; Goldstein, Leonard D; Tom, Jennifer; Anjana, Ranjit Mohan; Kong-Beltran, Monica; Bhangale, Tushar;	Comprehensive genomic analysis identifies pathogenic variants in maturity-onset diabetes of the young (MODY) patients in South India	BMC medical genetics	19		01-Oct	2018
77	Bodhini, Dhanasekaran; Gaal, Szilvia; Shatwan, Israa; Ramya, Kandaswamy; Ellahi, Basma; Surendran, Shelini; Sudha, Vasudevan; Anjana, Mohan R; Mohan, Viswanathan; Lovegrove, Julie A;	Interaction between TCF7L2 polymorphism and dietary fat intake on high density lipoprotein cholesterol	PLoS One	12	11	e0188382	2017

78	Ayyappa, KA; Shatwan, Israa; Bodhini, D; Bramwell, LR; Ramya, K; Sudha, V; Anjana, RM; Lovegrove, JA; Mohan, V; Radha, V;	High fat diet modifies the association of lipoprotein lipase gene polymorphism with high density lipoprotein cholesterol in an Asian Indian population	Nutrition & metabolism	14		01-Sep	2017
79	Mukherjee, Soham; Rastogi, Ashu; Venkatesan, Radha; Sundaramoorthi, Gopi; Mohan, Viswanathan; Bhansali, Anil;	An infant with diabetes mellitus: Is it always T1DM?	Diabetes Research and Clinical Practice	125		62-64	2017
80	Jain, Vandana; Satapathy, Amit; Yadav, Jaivinder; Sharma, Rajni; Radha, Venkatesan; Mohan, Viswanathan; De Franco, Elisa; Ellard, Sian;	Clinical and molecular characterization of children with neonatal diabetes mellitus at a tertiary care center in northern India	Indian pediatrics	54		467-471	2017
81	Kanthimathi, Sekar; Chidambaram, Manickam; Bodhini, Dhanasekaran; Liju, Samuel; Bhavatharini, Aruyerchelvan; Uma, Ram; Anjana, Ranjit Mohan; Mohan, Viswanathan; Radha, Venkatesan;	Association of recently identified type 2 diabetes gene variants with Gestational Diabetes in Asian Indian population	Molecular Genetics and Genomics	292		585-591	2017
82	Nicoletti, Paola; Devarbhavi, Harshad; Goel, Ashish; Eapen, CE; Venkatesan, Radha; Grove, Jane I; Daly, Ann K; Aithal, Guruprasad P;	Genome-wide association study (GWAS) to identify genetic risk factors that increase susceptibility to anti-tuberculosis drug-induced liver injury (ATDILI).	Hepatology	66		25A-25A	2017
83	Radha, V; Mohan, V;	Genetic basis of monogenic diabetes	Current Science			1277-1286	2017

84	Márquez-Luna, Carla; Loh, Po-Ru; South Asian Type 2 Diabetes (SAT2D) Consortium; SIGMA Type 2 Diabetes Consortium; Price, Alkes L;	Multiethnic polygenic risk scores improve risk prediction in diverse populations	Genetic epidemiology	41	8	811-823	2017
85	Mohan, Anjana Ranjit; Raj, Praveen; Saravanan, Jebarani; Vedantham, Srinivasan; Venkatesan, Radha; Narayanan, Muthu; Rajendra, Pradeepa; Unnikrishnan, Ranjit; Jayaram, Somasekhar; Gupta, Rohit;	Leveraging big data using a novel clinical database and analytic platform based on 323,145 individuals with and without of Diabetes	Canadian Journal of Biotechnology	1	Special	226	2017
86	Balamurugan, K; Bjørkhaug, L; Mahajan, S; Kanthimathi, S; Njølstad, PR; Srinivasan, N; Mohan, V; Radha, V;	Structure–function studies of HNF1A (MODY3) gene mutations in South Indian patients with monogenic diabetes	Clinical Genetics	90	6	486-495	2016
87	Venkatesan, Radha; Mohan, V;	Genetics in diabetes: Type 2 diabetes and related traits					2016
88	Kanthimathi, Sekar; Liju, Samuel; Laasya, Dhandapani; Anjana, Ranjit Mohan; Mohan, Viswanathan; Radha, Venkatesan;	Hexokinase domain containing 1 (HKDC1) gene variants and their association with gestational diabetes mellitus in a south indian population	Annals of human genetics	80	4	241-245	2016
89	Bodhini, Dhanasekaran; Chidambaram, Manickam; Liju, Samuel; Revathi, Balakannan; Laasya, Dhandapani; Sathish, Natarajan; Kanthimathi, Sekar; Ghosh, Saurabh;	Association of rs11643718 SLC12A3 and rs741301 ELMO1 variants with diabetic nephropathy in south Indian population	Annals of human genetics	80	6	336-341	2016

	Anjana, Ranjit Mohan; Mohan, Viswanathan;						
90	Radha, Venkatesan; Kanthimathi, Sekar; Anjana, Ranjit Mohan; Mohan, Viswanathan;	Genetics of gestational diabetes mellitus	Journal Of Pakistan Medical Association			s11	2016
91	Bag, Satyabrata; Saha, Bipasa; Mehta, Ojasvi; Anbumani, D; Kumar, Naveen; Dayal, Mayanka; Pant, Archana; Kumar, Pawan; Saxena, Shruti; Allin, Kristine H;	An improved method for high quality metagenomics DNA extraction from human and environmental samples	Scientific reports	6	1	26775	2016
92	Vimaleswaran, Karani S; Bodhini, Dhanasekaran; Lakshmipriya, N; Ramya, K; Anjana, R Mohan; Sudha, Vasudevan; Lovegrove, Julie A; Kinra, Sanjay; Mohan, Viswanathan; Radha, Venkatesan;	Interaction between FTO gene variants and lifestyle factors on metabolic traits in an Asian Indian population	Nutrition & metabolism	13		01-Oct	2016
93	Kiranmayi, Malapaka; Chirasani, Venkat R; Allu, Prasanna KR; Subramanian, Lakshmi; Martelli, Elizabeth E; Sahu, Bhavani S; Vishnuprabu, Durairajpandian; Kumaragurubaran, Rathnakumar; Sharma, Saurabh; Bodhini, Dhanasekaran;	Catestatin Gly364Ser variant alters systemic blood pressure and the risk for hypertension in human populations via endothelial nitric oxide pathway	Hypertension	68	2	334-347	2016

94	Radha, Venkatesan; Mohan, Viswanathan;	Obesity–Are we continuing to play the genetic “blame game”?	Advances in Genomics and Genetics			Nov-23	2016
95	Chidambaram, Manickam; Liju, Samuel; Saboo, Banshi; Sathyavani, Kumpatla; Viswanathan, Vijay; Pankratz, Nathan; Gross, Myron; Mohan, Viswanathan; Radha, Venkatesan;	Replication of genome-wide association signals in Asian Indians with early-onset type 2 diabetes	Acta diabetologica	53		915-923	2016
96	Radha, Venkatesan; Bodhini, Dhanasekaran; Kanthimathi, Sekar; Mohan, Viswanathan;	Genomics of Diabetes in Clinical Care Today	Advances in Diabetes: Novel Insights			154	2016
97	Giri, Anil K; Midha, Shallu; Banerjee, Priyanka; Agrawal, Ankita; Mehdi, Syed Jafar; Dhingra, Rajan; Kaur, Ismeet; Lakhotia, Ritika; Ghosh, Saurabh; Das, Kshaunish;	Common variants in CLDN2 and MORC4 genes confer disease susceptibility in patients with chronic pancreatitis	PLoS One	11	1	e0147345	2016
98	Radha, V; Mohan, V;	Genetics in diabetes: Type 2 diabetes and related trait	Indian Journal of Medical Research	143	6	838	2016
99	Kanthimathi, Sekar; Balamurugan, Kandasamy; Mohan, Viswanathan; Shanthirani, Coimbatore Subramaniyam; Gayathri, Vijay; Radha, Venkatesan;	Identification and molecular characterization of HNF1B gene mutations in Indian diabetic patients with renal abnormalities	Annals of Human Genetics	79	1	Oct-19	2015
100	Radha, V; Kanthimathi, S; Mohan, V;	What is New in Genomic of Maturity-onset Diabetes of the Young and Neonatal Diabetes in India?					2015

101	Bodhini, Dhanasekaran; Chidambaram, Manickam; Liju, Samuel; Prakash, Visvanathan G; Gayathri, Vijay; Shanthirani, Coimbatore S; Ranjith, Unnikrishnan; Anjana, Ranjit M; Mohan, Viswanathan; Radha, Venkatesan;	Association of TCF7L2 polymorphism with diabetic nephropathy in the South Indian population	Annals of Human Genetics	79	5	373-379	2015
102	Kanthimathi, Sekar; Chidambaram, Manickam; Liju, Samuel; Bhavadharini, Balaji; Bodhini, Dhanasekaran; Prakash, Visvanathan Gnana; Amutha, Anandakumar; Bhavatharini, Aruyerchelvan; Anjana, Ranjit Mohan; Mohan, Viswanathan;	Identification of genetic variants of gestational diabetes in South Indians	Diabetes technology & therapeutics	17	7	462-467	2015
103	Radha, Venkatesan; Mohan, Viswanathan;	GENOMICS OF TYPE 2 DIABETES MELLITUS AND OBESITY	Genomic Medicine: Principles and Practice		65	337	2015
104	Radha, V; Mohan, V;	Predictive value of genomics in the screening of type 2 diabetes: limitations and current status	Advances in Genomics and Genetics			45-57	2014
105	Venkatesan, Radha; Bodhini, Dhanasekaran; Narayani, Nagarajan; Mohan, Viswanathan;	Association study of the ABCC8 gene variants with type 2 diabetes in south Indians	Indian journal of human genetics	20	1	37	2014

106	Kanthimathi, Sekar; Jahnavi, Suresh; Balamurugan, Kandasamy; Ranjani, Harish; Sonya, Jagadesan; Goswami, Soumik; Chowdhury, Subhankar; Mohan, Viswanathan; Radha, Venkatesan;	Glucokinase gene mutations (MODY 2) in Asian Indians	Diabetes technology & therapeutics	16	3	180-185	2014
107	Radha, V; Mohan, Viswanathan;	Genetics fo Type 2 Diabetes	RSSDI TEXTBOOK OF DIABETES MELLITUS				2014
108	DIAbetes Genetics Replication And Meta-analysis (DIAGRAM) Consortium; Asian Genetic Epidemiology Network Type 2 Diabetes (AGEN-T2D) Consortium; South Asian Type 2 Diabetes (SAT2D) Consortium; Mexican American Type 2 Diabetes (MAT2D) Consortium; Type 2 Diabetes Genetic Exploration by Next-generation sequencing in multi-Ethnic Samples (T2D-GENES) Consortium; Mahajan, Anubha; Go, Min Jin; Zhang, Weihua; Below, Jennifer E; Gaulton, Kyle J;	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility	Nature genetics	46	3	234-244	2014

109	Jahnavi, Suresh; Poovazhagi, Varadarajan; Kanthimathi, Sekar; Gayathri, Vijay; Mohan, Viswanathan; Radha, Venkatesan;	EIF2AK3 mutations in South Indian children with permanent neonatal diabetes mellitus associated with Wolcott–Rallison syndrome	Pediatric Diabetes	15	4	313-318	2014
110	Jahnavi, Suresh; Poovazhagi, Varadarajan; Kanthimathi, Sekar; Balamurugan, Kandasamy; Bodhini, Dhanasekaran; Yadav, Jaivinder; Jain, Vandana; Khadgawat, Rajesh; Sikdar, Mahuya; Bhavatharini, Ayurchelvan;	Novel ABCC8 (SUR1) gene mutations in Asian Indian children with congenital hyperinsulinemic hypoglycemia	Annals of human genetics	78	5	311-319	2014
111	Consortium, DS; Consortium, DM; Mahajan, A; Go, MJ; Zhang, W; Below, JE;	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility	Nature genetics	46	3	234-244	2014
112	Giri, Anil K; Khan, Nazir M; Grover, Sandeep; Kaur, Ismeet; Basu, Analabha; Tandon, Nikhil; Scaria, Vinod; Consortium, IGV; INDICO; Kukreti, Ritushree;	Genetic epidemiology of pharmacogenetic variations in CYP2C9, CYP4F2 and VKORC1 genes associated with warfarin dosage in the Indian population	Pharmacogenomics	15	10	1337-1354	2014
113	Poovazhagi, V; Shanthi, S; Jahnavi, S; Radha, V; Mohan, V;	Berardinelli Seip congenital lipodystrophy presenting with neonatal diabetes mellitus due to a mutation in the AGPAT2 gene	International Journal of Diabetes in Developing Countries	33		66-68	2013
114	Saxena, Richa; Saleheen, Danish; Been, Latonya F; Garavito, Martha L; Braun, Timothy; Bjonnes,	Genome-wide association study identifies a novel locus contributing to type 2 diabetes susceptibility in	Diabetes	62	5	1746-1755	2013

	Andrew; Young, Robin; Ho, Weang Kee; Rasheed, Asif; Frossard, Philippe;	Sikhs of Punjabi origin from India					
115	Tabassum, Rubina; Chauhan, Ganesh; Dwivedi, Om Prakash; Mahajan, Anubha; Jaiswal, Alok; Kaur, Ismeet; Bandesh, Khushdeep; Singh, Tejbir; Mathai, Benan John; Pandey, Yogesh;	Genome-wide association study for type 2 diabetes in Indians identifies a new susceptibility locus at 2q21	Diabetes	62	3	977-986	2013
116	Varadarajan, Poovazhagi; Ananthanarayanan, K; Mirna, K; Suresh, Jahnavi; Venkatesan, Radha; Mohan, V;	Clinical profile and outcome of persistent hyperinsulinemic hypoglycemia of infancy	Pediatr Oncall	50		759-63	2013
117	Ayyappa, Kuppuswamy Ashok; Ghosh, Saurabh; Mohan, Viswanathan; Radha, Venkatesan;	Association of hepatic lipase gene polymorphisms with hypertriglyceridemia and low high-density lipoprotein-cholesterol levels among South Indian subjects without diabetes	Diabetes Technology & Therapeutics	15	6	503-512	2013
118	Atray, A; Jahnavi, S; Thai, K; Hiremath, P; Anjana, RM; Unnikrishnan, R; Mohan, V; Radha, V;	Rabson Mendenhall Syndrome; a case report	Journal of Diabetology	4	2	2	2013
119	Poovazhagi, V; Shanthi, S; Jahnavi, S; Radha, V; Mohan, V;	Erratum to: Berardinelli Seip congenital lipodystrophy presenting with neonatal diabetes mellitus due to a mutation in the AGPAT2 gene	International Journal of Diabetes in Developing Countries	33	2	129-129	2013

120	Kanthimathi, Sekar; Balamurugan, Kandasamy; Rani, Coimbatore Subramaniam Shanthi; Mohan, Viswanathan; Radha, Venkatesan;	Identification and functional characterization of hepatocyte nuclear factor-1B (MODY 5) gene mutations in Indian diabetic patients with renal abnormalities	DIABETES	62		A436-A436	2013
121	Poovazhagi, V; Sangaralingam, T; Senniappan, S; Jahnavi, S; Radha, V; Mohan, V;	Clinical Presentation and Long Term Outcome of 40 children with Infantile Onset Diabetes Mellitus in South India.	Indian pediatrics				2013
122	Varadarajan, Poovazhagi; Sangaralingam, Thangavelu; Senniappan, Senthil; Jahnavi, Suresh; Radha, Venkatesan; Mohan, Viswanathan;	Clinical profile and outcome of infantile onset diabetes mellitus in southern India	Indian pediatrics	50		759-763	2013
123	Jahnavi, S; Poovazhagi, V; Mohan, V; Bodhini, D; Raghupathy, P; Amutha, A; Suresh Kumar, P; Adhikari, P; Shriraam, M; Kaur, T;	Clinical and molecular characterization of neonatal diabetes and monogenic syndromic diabetes in Asian Indian children	Clinical genetics	83	5	439-445	2013
124	Ramya, Kandaswamy; Ayyappa, Kuppuswamy Ashok; Ghosh, Saurabh; Mohan, Viswanathan; Radha, Venkatesan;	Genetic association of ADIPOQ gene variants with type 2 diabetes, obesity and serum adiponectin levels in south Indian population	Gene	532	2	253-262	2013
125	Jahnavi, S; Poovazhagi, V; Mohan, V; Radha, V;	Neonatal diabetes and hyperinsulinemia: the Indian experience	J Neonatol	27		15-23	2013
126	Bodhini, Dhanasekaran; Sandhiya, Mohanram; Ghosh, Saurabh; Majumder, Partha P; Rao,	Association of His1085His INSR gene polymorphism with type 2 diabetes in South Indians	Diabetes technology & therapeutics	14	8	696-700	2012

	MR Satyanarayana; Mohan, Viswanathan; Radha, Venkatesan;						
127	Zhang, Hui; Zhu, Shimiao; Chen, Jing; Tang, Yang; Hu, Hailong; Mohan, Viswanathan; Venkatesan, Radha; Wang, Jianmin; Chen, Haiping;	Peroxisome proliferator–activated receptor γ polymorphism Pro12Ala is associated with nephropathy in type 2 diabetes: evidence from meta-analysis of 18 studies	Diabetes care	35	6	1388-1393	2012
128	Kelly, M Ann; Rees, Simon D; Hydrie, M Zafar I; Shera, A Samad; Bellary, Srikanth; O'Hare, J Paul; Kumar, Sudhesh; Taheri, Shahrad; Basit, Abdul; Barnett, Anthony H;	Circadian gene variants and susceptibility to type 2 diabetes: a pilot study	PLoS One	7	4	e32670	2012
129	Meta-Analyses of Glucose and Insulin-related traits Consortium (MAGIC) Investigators; Genetic Investigation of ANthropometric Traits (GIANT) Consortium; Asian Genetic Epidemiology Network–Type 2 Diabetes (AGEN-T2D) Consortium; South Asian Type 2 Diabetes (SAT2D) Consortium; Shuldiner, Alan R; Roden, Michael; Barroso, Ines; Wilsgaard, Tom; Beilby, John;	Large-scale association analysis provides insights into the genetic architecture and pathophysiology of type 2 diabetes	Nature genetics	44	9	981-990	2012

130	Venkatesan, R; Raj, P Deepak; Dhivya, P; Sridharan, M;	PANi Films for Room Temperature Ammonia Sensing	IJNST	1	1	65-69	2012
131	Vimaleswaran, Karani S; Radha, Venkatesan; Ghosh, Saurabh; Majumder, Partha P; Sathyanarayana Rao, Manchanahalli R; Mohan, Viswanathan;	Uncoupling protein 2 and 3 gene polymorphisms and their association with type 2 diabetes in asian indians	Diabetes technology & therapeutics	13	1	19-25	2011
132	Kooner, Jaspal S; Saleheen, Danish; Sim, Xueling; Sehmi, Joban; Zhang, Weihua; Frossard, Philippe; Been, Latonya F; Chia, Kee-Seng; Dimas, Antigone S; Hassanali, Neelam;	Genome-wide association study in individuals of South Asian ancestry identifies six new type 2 diabetes susceptibility loci	Nature genetics	43	10	984-989	2011
133	Kooner, Jaspal S; Saleheen, Danish; Sim, Xueling; Sehmi, Joban; Zhang, Weihua; Frossard, Philippe; Been, Latonya F; Chia, Kee-Seng; Dimas, Antigone S; Hassanali, Neelam;	Genome-wide association study in people of South Asian ancestry identifies six novel susceptibility loci for type 2 diabetes	Nature genetics	43	10	984	2011
134	Radha, V; Kanthimathi, S; Mohan, V;	Genetics of type 2 diabetes in Asian Indians	Diabetes Management	1	3	309	2011
135	Bodhini, Dhanasekaran; Radha, Venkatesan; Ghosh, Saurabh; Majumder, Partha P; Rao, MR Satyanarayana; Mohan, Viswanathan;	GLUT4 gene polymorphisms and their association with type 2 diabetes in south Indians	Diabetes Technology & Therapeutics	13	9	913-920	2011

136	Bodhini, Dhanasekaran; Radha, Venkatesan; Ghosh, Saurabh; Sanapala, Krishna R; Majumder, Partha P; Rao, Manchanahalli Rangaswamy Satyanarayana; Mohan, Viswanathan;	Association of calpain 10 gene polymorphisms with type 2 diabetes mellitus in Southern Indians	Metabolism	60	5	681-688	2011
137	Anuradha, S; Radha, V; Mohan, V;	Association of novel variants in the hepatocyte nuclear factor 4A gene with maturity onset diabetes of the young and early onset type 2 diabetes	Clinical genetics	80	6	541-549	2011
138	Ramya, Kandaswamy; Radha, Venkatesan; Ghosh, Saurabh; Majumder, Partha P; Mohan, Viswanathan;	Genetic variations in the FTO gene are associated with type 2 diabetes and obesity in south Indians (CURES-79)	Diabetes technology & therapeutics	13	1	33-42	2011
139	Bodhini, Dhanasekaran; Radha, Venkateshan; Ghosh, Saurab; Majumder, Partha P; Mohan, Viswanathan;	Lack of association of PTPN1 gene polymorphisms with type 2 diabetes in south Indians	Journal of Genetics	90	2	323-326	2011
140	Bodhini, Dhanasekaran; Radha, Venkatesan; Mohan, Viswanathan;	Association study of IRS1 gene polymorphisms with type 2 diabetes in south Indians	Diabetes technology & therapeutics	13	7	767-772	2011
141	Mohan, V; Goldhaber-Fiebert, Jeremy D; Radha, V; Gokulakrishnan, K;	Screening with OGTT alone or in combination with the Indian diabetes risk score or genotyping of TCF7L2 to detect undiagnosed type 2 diabetes in Asian Indians	Indian Journal of Medical Research	133	3	294-299	2011

142	COnsortium, INdian DIabetes;	INDICO: the development of a resource for epigenomic study of Indians undergoing socioeconomic transition	The HUGO Journal	5	01-Apr	65	2011
143	INdian DIabetes COnsortium+ 91-11-27662172+ 91-11-27667471 db@ igib. res. in;	INDICO: the development of a resource for epigenomic study of Indians undergoing socioeconomic transition	The HUGO journal	5		65-69	2011
144	Ganguly, Piyanjali; Jain, Udit;	Study of Association of Trancription Factor 7-like2 (Tcf7l2) Gene Variants [Snps: Rs3814573 (T→ C) & Rs7895340 (G→ A)] With Type II Diabetes Mellitus in Asian Indians					2011
145	Vimaleswaran, Karani S; Radha, Venkatesan; Ghosh, Saurabh; Majumder, Partha P; Rao, MRS; Mohan, Viswanathan;	A haplotype at the UCP1 gene locus contributes to genetic risk for type 2 diabetes in Asian Indians (CURES-72)	Metabolic syndrome and related disorders	8	1	63-68	2010
146	Gayathri, Sakthi Baby; Radha, Venkatesan; Vimaleswaran, Karani S; Mohan, Viswanathan;	Association of the PPARGC1A gene polymorphism with diabetic nephropathy in an Asian Indian population (CURES-41)	Metabolic syndrome and related disorders	8	2	119-126	2010
147	Vimaleswaran, Karani S; Radha, Venkatesan; Jayapriya, Munuguru Gopal; Ghosh, Saurabh; Majumder, Partha P; Rao, MR Sathyanarayana; Mohan, Viswanathan;	Evidence for an association with type 2 diabetes mellitus at the PPARG locus in a South Indian population	Metabolism	59	4	457-462	2010

148	Chidambaram, Manickam; Radha, Venkatesan; Mohan, Viswanathan;	Replication of recently described type 2 diabetes gene variants in a South Indian population	Metabolism	59	12	1760-1766	2010
149	Ahluwalia, Tarunveer Singh; Khullar, Madhu; Ahuja, Monica; Kohli, Harbir Singh; Bhansali, Anil; Mohan, Viswanathan; Venkatesan, Radha; Rai, Taranjit Singh; Sud, Kamal; Singal, Pawan K;	Common variants of inflammatory cytokine genes are associated with risk of nephropathy in type 2 diabetes among Asian Indians	PloS one	4	4	e5168	2009
150	Vimaleswaran, KS; Radha, V; Ghosh, S; Majumder, PP; Rao, MR; Mohan, V;	WITHDRAWN: Association of uncoupling protein 2 and 3 gene polymorphisms with type 2 diabetes in Asian Indians.	Journal of Endocrinological Investigation				2009
151	Radha, V; Ek, J; Anuradha, S; Hansen, Torben; Pedersen, O; Mohan, V;	Identification of novel variants in the hepatocyte nuclear factor-1α gene in South Indian patients with maturity onset diabetes of young	The Journal of Clinical Endocrinology & Metabolism	94	6	1959-1965	2009
152	Deepika, M;	Study of Association of Cholesteryl Ester Transfer Protein Gene Variants rs708272 [T→ C] and rs4783961 [G→ A] with Dyslipidemia in South Indian Populations					2009
153	Radha, V; Mohan, V;	Studies on Genetics of diabetes in Ethnic Indians.					2008

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155	Vimaleswaran, Karani S; Radha, Venkatesan; Ramya, Kandaswamy; Babu, Hunsur Narayan Sathish; Savitha, Nageshappa; Roopa, Venkataramaiah; Monalisa, Dhar; Deepa, Raj; Ghosh, Saurabh; Majumder, Partha P;	A novel association of a polymorphism in the first intron of adiponectin gene with type 2 diabetes, obesity and hypoadiponectinemia in Asian Indians	Human Genetics	123		599-605	2008
156	Mantena, SK; Unnikrishnan, MK; Joshi, Ravi; Radha, V; Devi, P Uma; Mukherjee, T;	In vivo radioprotection by 5-aminosalicylic acid	Mutation Research/Genetic Toxicology and Environmental Mutagenesis	650	1	63-79	2008
157	Mohan, Viswanathan; Bodhini, Dhanasekaran; Dhar, Monalisa; Narayani, Nagarajan; Radha, Venkatesan;	TCF7L2 Gene Polymorphisms Are Associated with Maturity Onset Diabetes of Young (MODY) and Early-Onset Type 2 Diabetes in Asian Indians.	Diabetes	56			2007
158	Bodhini, Dhanasekaran; Radha, Venkatesan; Dhar, Monalisa; Narayani, Nagarajan; Mohan, Viswanathan;	The rs12255372 (G/T) and rs7903146 (C/T) polymorphisms of the TCF7L2 gene are associated with type 2 diabetes mellitus in Asian Indians	Metabolism	56	9	1174-1178	2007
159	Ramprasad, S; Radha, V; Mathias, RA; Majumder, PP; Rao, MRS; Rema, M;	Rage gene promoter polymorphisms and diabetic retinopathy in a clinic-based population from South India	Eye	21	3	395-401	2007

160	Mohan, V; Sudha, V; Radhika, G; Radha, V; Rema, M; Deepa, R;	Gene-environment interactions and the diabetes epidemic in India	Nutrigenomics-Opportunities in Asia	60		118-126	2007
161	Radha, V; Mohan, V;	Genetic predisposition to type 2 diabetes among Asian Indians	Indian Journal of Medical Research	125	3	259-274	2007
162	Radha, V; Vimaleswaran, Karani Santhanakrishnan; Ayyappa, K Ashok; Mohan, V;	Association of lipoprotein lipase gene polymorphisms with obesity and type 2 diabetes in an Asian Indian population	International journal of obesity	31	6	913-918	2007
163	Bodhini, D; Radha, V; Deepa, R; Ghosh, S; Majumder, PP; Rao, MRS; Mohan, V;	The G1057D polymorphism of IRS-2 gene and its relationship with obesity in conferring susceptibility to type 2 diabetes in Asian Indians	International journal of obesity	31	1	97-102	2007
164	Radha, V; Vimaleswaran, Karani Santhanakrishnan; Babu, S; Deepa, R; Anjana, M; Ghosh, S; Majumder, PP; Rao, MRS; Mohan, V;	Lack of association between serum adiponectin levels and the Pro12Ala polymorphism in Asian Indians	Diabetic medicine	24	4	398-402	2007
165	Vimaleswaran, Karani Santhanakrishnan; Radha, V; Deepa, R; Mohan, V;	Absence of association of metabolic syndrome with PPARGC1A, PPARG and UCP1 gene polymorphisms in Asian Indians	Metabolic syndrome and related disorders	5	2	153-162	2007
166	Vimaleswaran, KS; Radha, V; Anjana, M; Deepa, R; Ghosh, S; Majumder, PP; Rao, MRS; Mohan, V;	Thr394Thr polymorphism of PPARGC1A gene is associated with type 2 diabetes and total body fat in Asian Indians	International Journal of Obesity	31	3	563-563	2007

167	Vimaleswaran, Karani Santhanakrishnan; Radha, V; Anjana, M; Deepa, R; Ghosh, S; Majumder, Partha P; Rao, MRS; Mohan, V;	Effect of polymorphisms in the PPARGC1A gene on body fat in Asian Indians	International Journal of Obesity	30	6	884-891	2006
168	Mohan, Viswanathan; Sandeep, Sreedharan; Vimaleswaran, Karani S; Gayathri, Prabhu; Radha, Venkatesan;	A novel Ser301Ser (G-> A) polymorphism of the visfatin gene is associated with obesity but not with type 2 diabetes in Asian Indians	DIABETES	55		A11-A12	2006
169	Ramprashad, S; Radha, V; Mathias, RA; Majumder, Partha P; Rao, MRS; Rema, M;	Rage gene promoter polymorphisms and diabetic retinopathy in a clinic based population from south India					2006
170	Radha, Venkatesan; Vimaleswaran, Karani S; Babu, Hunsur Narayan S; Abate, Nicola; Chandalia, Manisha; Satija, Pankaj; Grundy, Scott M; Ghosh, Saurabh; Majumder, Partha P; Deepa, Raj;	Role of genetic polymorphism peroxisome proliferator–activated receptor-γ2 Pro12Ala on ethnic susceptibility to diabetes in South-Asian and Caucasian subjects: evidence for heterogeneity	Diabetes care	29	5	1046-1051	2006
171	Radha, Venkatesan; Mohan, Viswanathan; Vidya, Ramprakash; Ashok, Ayyappa K; Deepa, Raj; Mathias, Rasika A;	Association of lipoprotein lipase Hind III and Ser 447 Ter polymorphisms with dyslipidemia in Asian Indians	The American journal of cardiology	97	9	1337-1342	2006
172	Balasubramanyam, M; Rema, M; Mohan, V;	MEETING REPORT: Genomics and proteomics of diabetes	Current Science	91	2	151-154	2006
173	Vimaleswaran, Karani S; Radha, Venktesan; Mohan, Viswanathan;	Thr54 allele carriers of the Ala54Thr variant of FABP2 gene have associations with	Metabolism	55	9	1222-1226	2006

		metabolic syndrome and hypertriglyceridemia in urban South Indians					
174	Mohan, V; Balasubramanyam, M; Radha, V;	Genomics and proteomics of Type 2 diabetes in Indians	Journal of the Association of Physicians of India	53		507-509	2005
175	Mohan, Viswanathan; Deepa, Raj; Pradeepa, Rajendra; Vimaleswaran, Karani Santhanakrishnan; Mohan, Anjana; Velmurugan, Kaliaperunal; Radha, Venkatesan;	Association of low adiponectin levels with the metabolic syndrome—the Chennai Urban Rural Epidemiology Study (CURES-4)	Metabolism	54	4	476-481	2005
176	Anuradha, Shekher; Radha, Venkatesan; Deepa, Raj; Hansen, Torben; Carstensen, Bendix; Pedersen, Oluf; Mohan, Viswanathan;	A prevalent amino acid polymorphism at codon 98 (Ala98Val) of the hepatocyte nuclear factor-1α is associated with maturity-onset diabetes of the young and younger age at onset of type 2 diabetes in Asian Indians	Diabetes Care	28	10	2430-2435	2005
177	Guettier, Jean-Marc; Georgopoulos, Angeliki; Tsai, Michael Y; Radha, Venkatesan; Shanthirani, Subramaniam; Deepa, Raj; Gross, Myron; Rao, Gundu; Mohan, Viswanathan;	Polymorphisms in the fatty acid-binding protein 2 and apolipoprotein C-III genes are associated with the metabolic syndrome and dyslipidemia in a South Indian population	The Journal of Clinical Endocrinology & Metabolism	90	3	1705-1711	2005
178	Mohan, V; Vimaleswaran, KS; Anjana, M; Radha, V; Deepa, R;	The Thr394Thr (G [arrow right] A) Polymorphism of PGC-1a Gene Is Associated with Visceral Fat and Type 2 Diabetes in Asian Indians	Diabetes	54		A286	2005

179	Abate, Nicola; Chandalia, Manisha; Satija, Pankaj; Adams-Huet, Beverley; Grundy, Scott M; Sandeep, Sreedharan; Radha, Venkatesan; Deepa, Raj; Mohan, Viswanathan;	ENPP1/PC-1 K121Q polymorphism and genetic susceptibility to type 2 diabetes	Diabetes	54	4	1207-1213	2005
180	Vimaleswaran, KS; Radha, V; Ghosh, S; Majumder, PP; Deepa, R; Babu, HNS; Rao, MRS; Mohan, V;	Peroxisome proliferator-activated receptor-co-activator-1 (PGC-1) gene polymorphisms and their relationship to type 2 diabetes in Asian Indians	Diabetic Medicine	22	11	1516-1521	2005
181	Vimaleswaran, KS; Radha, V; Ghosh, S; Majumder, PP; Deepa, R; Babu, HN; Rao, MRS; Mohan, V;	Peroxisome proliferative–activated receptor-gamma coactivator-1 alpha (PGC-1) gene polymorphisms and their relationship to Type 2 diabetes in Asian Indians					2005
182	Vimaleswaran, Karani Santhanakrishnan; Radha, V; Ghosh, S; Majumder, PP; Deepa, R; Babu, HNS; Rao, MRS; Mohan, V;	Peroxisome proliferator-activated receptor-γ co-activator-1α (PGC-1α) gene polymorphisms and their relationship to Type 2 diabetes in Asian Indians	Diabetic Medicine	22	11	1516-1521	2005
183	Unnikrishnan, MK; Mantena, SK; Devi, U; Joshi, R; Radha, V; Mukherjee, T;	5-aminosalicylic acid and sulfasalazine reduces gamma radiation-induced oxidative stress: Involvement of p53/p21 pathway	FREE RADICAL BIOLOGY AND MEDICINE	39		S119-S119	2005
184	Radha, V; Anuradha, S; Hansen, T; Mohan, V;	Association of HNF-1 alpha Ala98Val polymorphism with maturity onset diabetes of the young in South Indian subjects	DIABETES	53		A542-A543	2004

185	Guettier, JM; Georgopoulos, A; Tsai, MY; Radha, V; Rani, SS; Saroja, R; Gross, M; Rao, G; Mohan, V;	Metabolic dyslipidernia is linked to polymorphisms in the FABP2 and ApoCIII genes in a South Indian population	DIABETES	53		A229-A229	2004
186	Kumar, Dhavendra; Sanjeevi, Carani B; Radha, V; Mohan, V;	Diabetes Mellitus and Related Disorders	Genetic Disorders of the Indian Subcontinent			413-445	2004
187	Radha, V; Jakob, E; Oluf, P; Mohan, V; Torben, H;	Identification of novel mutations in the HNF-1 alpha gene in South Indian patients with maturity onset diabetes of the young	Diabetes	52		A254-A255	2003
188	Radha, V; Vimaleswaran, Karani Santhanakrishnan; Deepa, R; Mohan, V;	The genetics of diabetes mellitus.	The Indian journal of medical research	117		225-38	2003
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