

Debmalya Sanyal,
MBBS(Honours), DTM&H, MD(Medicine), MRCP, FRCP, D.M.(Endocrinology),
Specialty Certificate in Endocrinology & Diabetes (SCE, UK) , FACE (USA)
Professor, Department of Endocrinology,
KPC Medical College, Jadavpur, Kolkata, India
Conjoint Professor, School of Medicine & Public Health,
University of Newcastle, Australia



Curriculum Vitae of Prof. Debmalaya Sanyal

Name	Dr. Debmalaya Sanyal
Nationality	Indian
Date of Birth	12 th November, 1973
Address	36, Block-H New Alipore, Kolkata, West Bengal, India, Pin : 700053
Contact number	9830118388
E- Mail	drdebmalayasanyal@gmail.com

Biographical Sketch of Dr Debmalaya Sanyal

Dr Debmalaya Sanyal, currently a Professor at the Department of Endocrinology, KPC Medical College, Kolkata, India. He is currently a Conjoint Professor, School of Medicine & Public Health, University of Newcastle, Australia. He is also a faculty of Diabetes & Endocrine Certificate Course of University of Newcastle, Australia and KPC Medical College, Kolkata. Dr Debmalaya Sanyal has been in clinical practice in endocrinology from August 2007. He is a Senior Visiting Consultant Endocrinologist in the Department of Endocrinology, NH RTIICS (Narayana Health-Rabindranath Tagore International Institute of Cardiac Sciences), a tertiary care hospital having multispeciality services. He is also a Visiting Consultant in Endocrinology in GD Hospital and Diabetes Institute (GDDI) from February 2009.

Dr Debmalaya Sanyal graduated (MBBS) with honours from Calcutta University in 1997 and completed DTM&H (Postgraduate Diploma in Tropical Medicine) from School of Tropical Medicine, Calcutta University, followed by postgraduate degree (MD) in Internal Medicine from Utkal University. He completed a three-years residency and also received doctoral degree (DM) in Endocrinology from West Bengal University of Health Sciences in 2007. He obtained MRCPI from Royal College of Physicians of Ireland in 2010. He received the FACE (Fellow, American College of Endocrinology) distinction in 2015. He also received his Specialty Certificate in Endocrinology & Diabetes (SCE) from Royal College of Physicians of the United Kingdom.

He holds an appointment in a department (division/section) of Endocrinology in a Medical Council of India –MCI accredited medical college (K P C Medical College) with an academic rank of Professor from 01/02/2016. On 6/12/ 2010 he joined as Assistant Professor of Endocrinology in K P C Medical College (recognised by Medical Council of India –MCI), Kolkata, under West Bengal University of Health Sciences. On 1/02/2013 was promoted as Associate Professor in Department of Endocrinology, subsequently promoted to Professor from 01/02/2016.

He is also a faculty of Integrated Diabetes & Endocrine Certificate Course of University of Newcastle, Australia & KPC Medical College, Kolkata. Conceptualising and developing curriculum, course & examination conduction from 2016 – till date. Regular theory classes on endocrine and diabetes for the Integrated Diabetes and Endocrine Certificate Course. Innovation and upgradation of the course and its scientific content. Further introduction of advanced courses is also being worked out. Appointed as Conjoint Professor, School of Medicine and Public Health, University of Newcastle, Australia from 4/06/2020- till date. He is a regular national faculty of PHFI (Public Health Foundation of India) diabetes and endocrine courses. He was a faculty of national RSSDI diabetes certificate course.

He is actively involved in academic as well as clinical practice in the field of Endocrinology. He is also actively involved in endocrine research and has more than 130 publications in national and international journals. He regularly presents his research papers at international and national endocrine related conference. His area of research includes various aspects of diabetes including type 1 and type 2, FCPD, Post Transplant Diabetes Mellitus, Primary Hyperaldosteronism, Transgender Endocrinology, Thyroid disorders, Diabetes and chronic kidney disease, fatty liver, GLP-1 therapy, insulin and renal impairment, pregnancy in diabetes. He has been involved in a number of International clinical trials in the field of endocrinology. He also has quite a few publications in these areas. His ongoing research is focused on type 1 diabetes, pancreatic

diabetes, diabetes in young, diabetes and CKD, epidemiology and genetic aspects of diabetes and renal transplant, pharmacotherapy in diabetes. He is also doing active research in thyroid diseases, endocrine hypertension like primary hyperaldosteronism and gender identity disorders. He has been DNB (doctoral) thesis co-guide in Post Transplant Diabetes or NODAT. He has published the first original articles from India on transgender endocrinology and has been actively involved in Indian national guidelines on transgender health. He has also presented papers on Primary Hyperaldosteronism.

He is also a faculty in different endocrine related meetings at regional, national and international level. He has presented his research papers at international conference meetings like ENDO and AACE in USA, RSSDI and ESICON in India. was selected for travel grants for paper presentation in AACE. He received Etzweiler International Scholar 2019. He received the Best Paper Presentation in Eastern Zone Endocrine Conference . He was awarded Indian Medical Association Dr Deepak Banerjee Award for best paper published in Journal of Indian Medical Association in 2009 and 2019. He was an invited speaker in many conferences like Asia Pacific Diabetes Symposium in Kualalumpur, Malaysia. He is also a speaker at several meetings like ESICON (Endocrine Society of India Conference), SAFES (South Asian Federation of Endocrine Societies), ITSCON(Indian Thyroid Society Conference), APICON organized by Association of Physicians of India, IDEACON.He is an invited Faculty/Speaker for National Board NBEMS Webinar postgraduate training in the specialty of“Endocrinology” .

He is the Secretary of Research Society for Study of Diabetes in India(RSSDI), West Bengal Chapter from 2022. He was the Secretary of Diabetic Association of India (WB Chapter), member of executive committee of Endocrine Society of Bengal. He was the member of Scientific Committee of Endocrine Society of India Conference in 2012. He is a Fellow of American Association of Clinical Endocrinologists. He is a member of The Endocrine Society, USA, ,Endocrine Society of India, Research Society for Study of Diabetes in India(RSSDI). He is and has been involved in a number of International clinical trials in the field of endocrinology.

Breath of Practice: Dr Debmalya Sanyal, currently a Professor at the Department of Endocrinology, KPC Medical College , Kolkata, India. He is currently a Conjoint Professor, School of Medicine & Public Health, University of Newcastle, Australia.Dr Debmalya Sanyal has been in clinical practice in endocrinology from August 2007. He is a Senior Visiting Consultant Endocrinologist in the Department of Endocrinology, NH RTIICS (Narayana Health-Rabindranath Tagore International Institute of Cardiac Sciences), a tertiary care hospital having multispeciality services. He is also a Visiting Consultant in Endocrinology in GD Hospital and Diabetes Institute (GDDI) from February 2009. He is also a faculty of Diabetes & Endocrine Certificate Course of University of Newcastle, Australia and KPC Medical College, Kolkata.

Certification / Training

2024 Institute	FICP (Fellow of Indian College of Physicians) Indian College of Physicians
2023 Institute	FRCP (Fellow of Royal College of Physicians), London Royal College of Physicians of London

2021 Institute	Specialty Certificate in Endocrinology & Diabetes (SCE) Royal College of Physicians of the United Kingdom
2021 Institute	FRCPI (Fellow of Royal College of Physicians of Ireland) Royal College of Physicians of Ireland
2015 Institute	FACE, Fellow, American College of Endocrinology American College of Endocrinology
2013 Institute	MRCPS (Glasgow) Royal College of Physicians & Surgeons of Glasgow
2010 Institute	MRCPI in General Medicine Royal College of Physicians of Ireland
2004 – 2007 Institute	D.M.(3 years doctoral degree) in Endocrinology, West Bengal University of Health Science (IPGMER), Kolkata, India
2001- 2004 Institute	M.D(3 years postgraduate degree) in General Medicine Utkal University (S.C.B Medical College), India
1999-2001 Institute	DTMH (2 yrs postgraduate diploma in Tropical Medicine), Calcutta University (School of Tropical Medicine), India
1992-98 Institute	MBBS, Calcutta University (Calcutta National Medical College), India

Professional Experience

4/06/2020- till date	Conjoint Professor, School of Medicine and Public Health, University of Newcastle, Australia
1/02/2016- Till date	Professor, Department of Endocrinology, K P C Medical College, Jadavpur, Kolkata
1/02/13-31/01/2016	Associate Professor, Department of Endocrinology, K P C Medical College, Jadavpur, Kolkata
301/03/2017-Till date	Faculty of Diabetes & Endocrine Certificate Course of New South Wales University, Australia & KPC Medical College, Kolkata
6/12/ 2010-31/01/13	Assistant Professor of Endocrinology, K P C Medical College, Jadavpur, Kolkata

Aug 2007 – Till date	Senior Visiting Consultant Endocrinologist, NH-RTIICS(R N Tagore Hospital)
Feb 2009 - Till date	Senior Visiting Consultant Endocrinologist, GD Diabetes Institute
August 2004- July 2007	Senior Resident & Post Doctoral Fellow, Department of Endocrinology, Institute of Post Graduate Medical Education & Research & SSKM Hospital, Kolkata
May 2004 - June 2004	Registrar in I.C.U., Calcutta Medical Research Institute
March 2001-April 2004	Junior Resident & Post Graduate Trainee, Department of Medicine, S.C.B Medical College, Cuttack
March 1999- Feb 2001	Junior Resident & Post Graduate Trainee, School of Tropical Medicine, Kolkata
Oct 1998- Feb 1999	Junior Resident cum Resident House Physician in General Medicine, Calcutta National Medical College

Publications:

1. Sarkar A, Singh MR, Sanyal D. Unconfounded triphasic ADH response following intracranial hemorrhage: evolution from diabetes insipidus to SIADH. *Endocrinol Metab Int J.* 2026;14(2):37–40. DOI: 10.15406/emij.2026.14.00388
2. Ray G, Sanyal D . A Systematic Review of Renal Outcomes of Aldosterone Synthase Inhibitors Compared to Mineralocorticoid Receptor Antagonists. *Arch Endocrinol Disord.* 2026;2(2):1-10.
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4. Sanyal D, Patra S, Rothman MS. Efficacy of fixed low-dose weekly subcutaneous testosterone self-administration in transgender male patients in India. *Indian J Endocr Metab* 2026;30:164-9.
5. Sanyal D, Ray G. The thyroid-liver axis in metabolic dysfunction-associated steatotic liver disease: a narrative review. *Endocrinol Metab Int J.* 2026;14(1):27–31. DOI: 10.15406/emij.2026.14.00386
6. Girin Ray, Debmalaya Sanyal. Fibrocalculous Pancreatic Diabetes (FCPD) Presenting with Severe Hyponatremia in 58-Year-Old Male: A Case Report. *Int Clin Med Case Rep Jour.* 2026;5(3):1-7.
7. Sanyal D, Ray G. New-onset diabetes after transplantation presenting with diabetic ketoacidosis: A rare but life-threatening complication. *Endocrinol Metab Int J.* 2026;14(1):1–4. DOI: 10.15406/emij.2026.14.00381

8. Kumar A, Panda J, Agrawal P et al. A multicentre survey of liver fibrosis burden in type 2 diabetes in India: the DiaFib-Liver Study. *The Lancet Regional Health - Southeast Asia*, 2026; 47
9. Uday U, et al. The Woman in a Veil of Sheehan's Syndrome. *Arch Endocrinol Disord*. 2026;2(1):1-4. <https://doi.org/10.46889/AED.2026>.
10. K.M. P, Viswanathan V, Saboo B, Sanyal D, et al. (February 02, 2026) Beyond the Needle: Reimagining Insulin Delivery and the Evolution of Inhaled Insulins. *Cureus* 18(2): e102856. DOI 10.7759/cureus.102856
11. Debmalaya Sanyal, Girin Ray (2026) Successful Pregnancy Outcome in a Renal Transplant Recipient with New-Onset Diabetes: A Case Report. *J of Advanced Diabetes Research* 1(2), 01-05. WMJ/JADR-104. doi.org/10.63721/26JADR0104
12. Sabharwal M, Bagri S, Goswami S, Parekh A, Sanyal D, Saboo B, Banzal S, Verma A, Shah BS, Chakraborty S, Chakraborty S, Sudani C, Kumar P, Malpani N, Meena A, Lodha P, Kumar R, Munde S. Early detection of CKD using uACR screening in high-risk Indian Adults: A cross-sectional, real-world study using the Neodocs Kit. *Int J Recent Innov Med Clin Res*. 2025;7(3):103–110
13. Sanyal D, RoyChaudhuri S (December 26, 2025) Effectiveness of Empagliflozin-Linagliptin Fixed-Dose Combination on Chronic Kidney Disease Outcomes in Patients With Type 2 Diabetes in a Real-World Setting. *Cureus* 17(12): e100108. DOI 10.7759/cureus.100108
14. Sanyal, D., Chowdhury, S., Goswami, S., Dasgupta, A., Chowdhury, A. S., Mondal, S., ... Sikdar, M. (2025). Prevalence of Hepatic Fibrosis and Performance of Non-invasive Liver Fibrosis Scores in an Eastern Indian Diabetic Population with NAFLD. *Journal of the ASEAN Federation of Endocrine Societies*, 40(2), 56–64. <https://doi.org/10.15605/jafes.040.02.16>
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52. P. Mukhopadhyay, D. Sanyal, P. Chatterjee et al., Authors' Response, *Endocrine Practice*, <https://doi.org/10.1016/j.eprac.2022.07.013>
53. Sanyal D, Bhattacharjee K. Characteristics of children and adolescents with newly diagnosed Fibrocalculous pancreatitis diabetes (FCPD) and type 1 diabetes: A study from Eastern India. *Diabetes & Metabolic Syndrome: Clinical Research & Reviews*, Volume 16, Issue 7, <https://doi.org/10.1016/j.dsx.2022.102527>.
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55. Sarkar T, Sanyal D, Samanta A, Ghosh S. Real World Study of Effectiveness of Gemigliptin Add-On Therapy in Type 2 Diabetes Mellitus. *Clinical Diabetology* 2022, 11; 3: 151-155.
56. P. Mukhopadhyay, D. Sanyal, P. Chatterjee et al., Different Sodium-Glucose Cotransporter-2 Inhibitors: Can They Prevent Death?, *Endocrine Practice*, <https://doi.org/10.1016/j.eprac.2022.05.005>
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140. Sanyal, D., Mazumdar, A., & Chaudhuri, S. R. (2022). REAL WORLD STUDY ON ORAL ESTRADIOL TREATMENT IN TRANSGENDER WOMEN. *Journal of the ASEAN Federation of Endocrine Societies*, 37(2), 58. <https://doi.org/10.15605/jafes.037.AFES.91>
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Book / Book Chapters:

1. ESI TEXTBOOK Chapter 2025
2. Chapter-144, Section 5 Clinical Utility of T3 Therapy. BOOK TITLE: Medicine Update 2025 (API) ISBN 978-93-6616-732-9 First Edition : 2025; Jaypee Brothers Medical Publishers (P) Ltd. New Delhi.
3. RSSDI Case Series
4. Chapter-9. Lifestyle Modification and Lipid Management in Peripheral Artery Disease” pertaining to the title "RSSDI Handbook Series-Diabetes & Peripheral Artery Disease (PAD)" . 2025; Evangel Publishing
5. [Sadikot's International Textbook of Diabetes](#)
6. RETINOPATHY
7. Chapter-2.Burden of Diabetes-Related Chronic Kidney Disease (CKD): Global and Indian Scenario" pertaining to the title "RSSDI Handbook Series-Diabetic Nephropathy for Clinicians". 2024; Evangel Publishing
8. Chapter-3.Gender Affirmative Medical Care: Hormonal Intervention. BOOK TITLE: Indian Standards of Care for Persons with Gender Incongruence and People with Differences in Sexual Development/Orientation ISBN 978-93-942183-2-6 First Edition : 2021; WISDOM PUBLICATIONS, DELHI.
9. A Pocketbook on Thyroid disorders ISBN 9789354644450; 2021 Wily India Pvt Ltd
10. Chapter-59 Insulin Therapy in Renal and Hepatic Disease BOOK TITLE: [Sadikot's International Textbook of Diabetes](#) ISBN: 9789352700325 DOI: 0.5005/jp/books/18148_60 Edition:1/e Publishing Year: 2019
11. JaypeE

Paper / Poster Presentation

1. EASD 2023. Debmalya Sanyal, Risk factors for new onset diabetes after transplant (NODAT) and one year outcome in NODAT and diabetic kidney disease patients undergoing renal transplant”.

2. ICE / AOCE / AFES 2022: Debmalya Sanyal, Hypokalaemia and comorbidities are common at initial presentation in patients with Primary Hyperaldosteronism
3. ICE / AOCE / AFES 2022: Debmalya Sanyal, Real World Study on Oral Estradiol Treatment in Transgender Women
4. IDF 2022: Debmalya Sanyal, Abstract number: LI2022-0836. Abstract title: Short-term efficacy and safety of basal-bolus insulin regimes in diabetic renal transplant recipients
5. IDF 2022: Debmalya Sanyal, Abstract number: LI2022-0907 Abstract title: Prevalence and impact of baseline glycaemic status on characteristics and complications of primary hyperaldosteronism
6. IDF 2019: Anirban Majumder, Soumyabrata Roy Chaudhuri, Debmalya Sanyal. Efficacy and Safety of Co-Formulation (IDegAsp) Insulin : A Real world Clinical Audit. Presented in IDF Congress 2019; Dec 1-6, Busan, South Korea. (Poster number P-0525)
7. IDF 2019: Debmalya Sanyal, Anirban Majumder, Soumyabrata Roy Chaudhuri. EFFICACY AND SAFETY OF INSULIN DEGLUDEC IN RENAL TRANSPLANT PATIENTS. Presented in IDF Congress 2019; Dec 1-6, Busan, South Korea. (Poster number P-0436)
8. IDF 2019: Soumyabrata Roy Chaudhuri, Anirban Mazumdar, Debmalya Sanyal . Impact of glucometry & self-titration on glycemic control & hypoglycemia during early phase of basal insulin initiation glargine U 100. Presented in IDF Congress 2019; Dec 1-6, Busan, South Korea. (Poster number P-0522)
9. Soumyabrata Roy Chaudhuri, Debmalya Sanyal, Anirban Majumder, Sanjay Chatterjee. Insulin Initiation in OAD failure patients with T2DM: Can IDegAsp write a new script for the sub-continent ? Presented in IDF Congress 2019; Dec 1-6, Busan, South Korea. (Poster number P-0536)
10. Soumyabrata Roy Chaudhuri, Anirban Mazumdar, Debmalya Sanyal. Insulin glargine U 300 versus Insulin glargine U 100 – Real world data from Eastern India. Presented in IDF Congress 2019; Dec 1-6, Busan, South Korea. (Poster number: P-0523)
11. Anirban Majumder, Soumyabrata Roy Chaudhuri, Debmalya Sanyal. GLARGINE U300 - THE INITIAL EXPERIENCE FROM EASTERN INDIA. Presented in IDF Congress 2019; Dec 1-6, Busan, South Korea. (Poster number: P-0520)
12. K. Bhattacharjee, A. Majumder, S. Roychoudhury, D. Sanyal, Mukhopadhyay P. Study of real life safety and efficacy of insulin glargine in T2DM patients with established chronic kidney disease. In: Proceedings of the IDF Congress 2017; Dec 4-8, 2017; Abu Dhabi. Abstract P-0350.
13. A. Majumder, S. Roychoudhury, D. Sanyal, K. Bhattacharjee. Diabetes self-management education: a powerful tool for diabetes control in India. In: Proceedings of the IDF Congress 2017; Dec 4-8, 2017; Abu Dhabi. Abstract P-1030.
14. Management of gestational diabetes in a resource limited setting in India. ADIPS(**Australasian Diabetes in Pregnancy Society**), Queenstown, New Zealand, 2014
15. Changing Profile of GAD and IA-2 positivity in children with Type 1 Diabetes in India. AACE Annual Meeting, Las Vegas, 2014.
16. A Case of Severe Hypertriglyceridemia Presenting as Superior Sagittal Sinus. IDEACON, 2014
17. A retrospective study evaluating efficacy and safety of linagliptin in treatment of NODAT. ESICON, 2013.

18. Low dose liraglutide in Indian patients with type 2 diabetes in the real world setting. ESICON, 2013.
19. Primary adrenal insufficiency in case of antiphospholipid syndrome. ESICON, 2013.
20. Juvenile hypothyroidism presenting with hypertrichosis, multicystic ovaries, and pituitary adenoma. ESICON, 2013.
21. Varied presentations of Sheehan's syndrome at diagnosis. ESICON, 2012.
22. A case of simultaneous occurrence of Graves' disease and Hashimoto's thyroiditis. ESICON, 2012.
23. Dyslipidemia, metabolic syndrome, and liver enzymes in impaired glucose tolerance and new onset untreated, type 2 diabetes Indian subjects. ESICON, 2012
24. Outcome in acromegaly. ESICON 2012
25. A case of reversible DCM due to hypoparathyroidism. ENDO, Boston, 2011
26. Early Treatment with Low Fixed Dose (5mCi) Radioiodine Therapy is Effective in Indian subjects with Graves' Disease : Presented at ENDO 2008, San Francisco
27. High prevalence of Insulin Resistance & Cardiovascular Risk Factors in Indian subjects with IGT & recently detected Type 2 Diabetes : Presented at RSSDI(Research Society for Study of Diabetes in India) 2007 conference in Kolkata
28. Fatty Liver(NAFLD) Increases the severity of Dyslipidemia and Insulin Resistance in Indian Subjects with IGT and Recent onset Type 2 Diabetes (T2DM)-2007
29. Central obesity predicts high prevalence of NAFLD in IGT & Type 2 Diabetic subjects: Presented at RSSDI 2007 conference in Kolkata
30. NAFLD increases the severity of Insulin Resistance & Dyslipidemia in Indian subjects with IGT & recently detected Type 2 Diabetes : Presented at RSSDI 2007 conference in Kolkata
31. Lithium and Radioiodine therapy in Grave's disease – Presented at EZECON (Eastern Zone Endocrine Conference), 2006

Invited Faculty:

1. National Faculty (Speaker): APICON (Association of Physicians of India Conference- National Annual Meeting, 2022, India.
2. National Faculty: Dr.Mohan's International Diabetes Update 2021
3. National faculty at the 9th Jothydev's Professional Education Forum (JPEF) Annual Global Convention 2021
4. National Faculty (Speaker):: ESICON (Endocrine Society of India Conference- National Annual Meeting, 2021, India National Faculty (Speaker & Chairperson):
5. National Faculty (Speaker):: ESICON (Endocrine Society of India Conference- National Annual Meeting, 2019, India National Faculty (Speaker & Chairperson):: ESICON (Endocrine Society of India Conference- National Annual Meeting, 2021, India
6. International Faculty (Speaker): [Me, My Gut and My Diabetes: Understanding the connect of Microbiota in Diabetes](#) Sir Ganga Ram SAARC Diabetes Conference, 17th March 2019
7. International Faculty (Speaker): Post Transplant Diabetes, Indo-Nepal-UK-Diabetes Meeting & Annual Professional Conference of Diabetes Nepal: 23/02/2019
8. National Faculty (Speaker):NODAT : ESICON (Endocrine Society of India Conference- National Annual Meeting, 2018, India

9. Faculty(Speaker), Annual State Conference of Endocrine Society of Bengal & RSSDI (WB)- 2018: Oral AHA in Pregnancy with Diabetes
10. Faculty(Speaker),IDEACON, 2018: Hyperglycaemia management in Heart Failure
11. National Faculty (Speaker):Drug Holiday with Bisphosphonates: ESICON (Endocrine Society of India Conference- National Annual Meeting, 2017, India.
12. Faculty (Speaker), Annual State Conference of Endocrine Society of Bengal & RSSDI (WB)- 2016
13. Faculty, IDEACON, 2016.
14. International Faculty: SAFES 2015, Speaker: HRT; Bangladesh, 2015.
15. National Faculty (Speaker), INHIBS in Thyroid Cancer. ITSCON (Indian Thyroid Society- National Annual Meeting), 2015, Kolkata, India.
16. National Faculty (Chairperson), DIPSI(Diabetes in Pregnancy Study Group India) & World Diabetes Foundation, 2015, Ooty, India National Faculty-Faculty RSSDI (National) 2015
17. International Faculty: SAFES: Trainer of the academic activity “ Train the Trainers” by Endocrine Society of USA, conducted in 2014 in India.
18. Faculty, for the continuing medical education activity “ Diabetes Management – Evolving Paradigms of Care” in association with Cleveland Clinic, 2014, Kolkata, West Bengal, India.
19. Faculty (Speaker) of iLEAD (Incretin Learning & Excellence Academy in Diabetes) program of SAFES (South Asian Federation of Endocrine Societies), 2014, Chennai, Tamilnadu, India.
20. Faculty(Speaker), for Speciality Program on Gestational Diabetes Mellitus, organized by DIPSI(Diabetes in Pregnancy Study Group India) & World Diabetes Foundation, 2014, Kolkata, India.
21. International Faculty (Speaker):Vitamin Bs and other agents in diabetic neuropathy: a work in progress, Asia Pacific Diabetes Symposium, International Conference, 2013, Kuala Lumpur, Malaysia.
22. Faculty (Speaker): Insulin and Incretins: 1st International Endocrine Summit of SAFES (South Asian Federation of Endocrine Societies), 2013.
23. Faculty of Endocrine Society of USA for Educational Workshop program” entitled “ Incretin Impressions” in 2012 in India.
24. National Faculty (Speaker):Diabetes is predominantly an intestinal disease, ESICON (Endocrine Society of India Conference- National Annual Meeting), 2013, Bhopal, India.
25. National Faculty in International Symposium on Diabetes, annual meeting of Indian Academy of Diabetes , 2013, Mumbai, India.
26. National Faculty (Speaker):Neonatal Hypocalcemia, ESICON(Endocrine Society of India Conference – National Annual Meeting), 2012, Kolkata, India.
27. National Faculty (Speaker):Hyperthyroidism in children, ITSCON (Indian Thyroid Society- National Annual Meeting), 2011, Mumbai, India.
28. National Faculty (Chairperson), ITSCON (Indian Thyroid Society- National Annual Meeting) 2012, Jaipur,India .
29. National Member of the consensus group for developing national guidelines on “CABG in patients with diabetes in India and management of post MI patients” organized by Indian College of Physicians, academic wing of Association of Physicians of India, Hyderabad, India 2013.

30. National Reviewer of The First Insulin Recommendations for Best Practice in Insulin Injection Technique Guidelines, 2012.
31. Regional(State) Faculty as Speaker: Glycaemic control in surgical and critically ill patient”, on the occasion of World Diabetes Day 2014, organized by RSSDI(Research Society for Study of Diabetes in India), West Bengal Chapter, 2014.
32. Regional(State) Faculty(Chairperson), Thyroid Update, 2014, organized by Endocrine Society of Bengal, 2014, Kolkata, India.
33. Regional (State) Faculty for Insulin Discovery Day Celebrations, Diabetic Association of India, West Bengal Chapter, 2013.
34. Regional(State) Faculty as Speaker , 2013, organized by RSSDI(Research Society for Study of Diabetes in India), West Bengal Chapter.
35. Faculty (Regional) on the program occasion of National Nutrition Week, organized by Endocrine Society of Bengal and Diabetic Association of India, West Bengal, in 2014 and 2011 in Kolkata, India.
36. Regional(State) Faculty(Speaker), Thyroid Update, 2009, organized by Endocrine Society of Bengal, Kolkata, India.
37. Faculty for RCPICON (Royal College of Physicians of Ireland:Indian Chapter) annual conference in, 2013& 2014.

Positions held:

1. Secretary from 2022- till date, RSSDI, West Bengal Chapter.
2. Secretary (from 2016-2020), Diabetic Association of India, West Bengal (Regional Body of State of West Bengal, India)
3. Member Core Committee of Royal College of Physicians of Ireland, Indian Chapter. Secretary (from June 2016- till date), Diabetic Association of India, West Bengal (Regional Body of State of West Bengal, India)
4. Joint Secretary (from 2013-2016), Diabetic Association of India, West Bengal (Regional Body of State of West Bengal, India)
5. Executive Committee Member (from 2013 till date), Endocrine Society of Bengal (Now Endocrine Society of India, West Bengal, Regional Body of West Bengal State in India)
6. Scientific Committee (part of Organizing Committee) Member of ESICON(Endocrine Society of India Conference – National Annual Meeting), Kolkata, 2012.
7. Scientific Secretary (2010-13), Diabetic Association of India, West Bengal (Regional Body of State of West Bengal, India)
8. Member Core Committee of Royal College of Physicians of Ireland, Indian Chapter.
9. Scientific Coordinator, DIACON, Kolkata, 2014, Diabetes Conference organized by Indian Medical Association, West Bengal State Branch

Reviewer of Journals:

1. Scientific Reports (Nature Publications)
2. Diabetic Medicine
3. Clinical Endocrinology
4. Endocrine Practise
5. Endocrine (Springer Publications)

6. Indian Journal of Endocrinology & Metabolism
7. Journal of Paediatric Endocrinology & Metabolism
8. Acta Diabetologica
9. Journal of Diabetes & Metabolism
10. Journal of Endocrinological Investigations
11. Indian Journal of Medical Research

Academic Distinction/ Awards

Etzwiler International Scholar 2019
 IJEM Ambassadors for the year 2025
 IMA Dr Deepak Banerjee Award for best paper published in JIMA in 2019
 International Travel Grant winner for paper presentation in AACE, USA, 2015
 Editor's choice paper in Diabetes India, 2021
 IMA Dr Deepak Banerjee Award for best paper published in JIMA in 2009
 Best Oral Paper Presentation in Eastern Zone Endocrine Conference, 2006
 Honours in Pharmacology
 Class Assistant, Pathology & Microbiology

Member:

American Association of Clinical Endocrinologists,
 The Endocrine Society, USA,
 Endocrine Society of India,
 Research Society for Study of Diabetes in India(RSSDI)
 Endocrine Society of Bengal
 Indian Thyroid Society
 Diabetic Association of India, West Bengal

CLINICAL TRIAL EXPERIENCE :-

1. **Principal Investigator** and lead of PIONEER REAL India study (NN9924-4960) : a real world study use of Oral Semaglutide in India , sponsored by Novo Nordisk.
2. A 12-month prospective observational study assessing the real-world clinical effectiveness, safety and health-economic benefits of Toujeo initiation after oral ant diabetic drug failure in Insulin-naïve patients with type 2 diabetes mellitus; **Principal Investigator**: Year 2019.
3. Clinical study of Usage of Dapagliflozin - a Sodium Glucose CO-transporter inhibitor, in the management of Type-2 Diabetes Mellitus: A Real world evidence study in Indian Patients (FOREFRONT); **Principal Investigator**: Year 2018.
4. A 32-week randomized, multinational, treat-to-target, open label, parallel group comparison of stepwise insulin intensification of biphasic insulin aspart (BIAsp) and basal-bolus therapy with insulin glargine and insulin aspart in insulin naïve type 2diabetic patients inadequately controlled on oral anti-diabetic therapy; **Principal Investigator**: Year 2016-2017
5. Clinical trial to investigate efficacy and safety of insulin detemir versus insulin Neutral Protamine Hagedorn in combination with metformin and diet/exercise on glycaemic

control in children and adolescents with type 2 diabetes insufficiently controlled on metformin $\pm$ other oral antidiabetic drug(s) $\pm$ basal insulin, **Co-Investigator:** Year 2015-2016

6. Clinical study to Evaluate the Safety and Efficacy of Saroglitazar (Lipaglyn™) 2 and 4 mg as Compared to Fenofibrate 160mg in patients with Dyslipidemia; **Co Investigator:** Year 2015-2017
7. Clinical trial to compare the efficacy and safety of once weekly dosing of NNC0195-0092 with once weekly dosing of placebo and daily Norditropin® FlexPro® in adults with growth hormone deficiency for 35 weeks, with a 53-week extension period;**Co Investigator:** Year 2015-2017

Areas of Interest:

Diabetes and transplant: He has already published four papers in this field and quite a few paper presentations. He has been DNB (doctoral) thesis co-guide in NODAT.

Diabetes & Pregnancy including IVF pregnancy

Pharmacotherapy in Diabetes : Several publications

Diabetes & NAFLD: two publications.

Besides, he has keen interest in thyroid , adrenal and pituitary diseases and has several publications to his credit.

Biographical Sketch of Dr Debmalya Sanyal

Dr Debmalya Sanyal, currently a Professor at the Department of Endocrinology, KPC Medical College , Kolkata, India. He is currently a Conjoint Professor, School of Medicine & Public Health, University of Newcastle, Australia. He is also a faculty of Diabetes & Endocrine Certificate Course of University of Newcastle, Australia and KPC Medical College, Kolkata. Dr Debmalya Sanyal has been in clinical practice in endocrinology from August 2007. He is a Senior Visiting Consultant Endocrinologist in the Department of Endocrinology, NH RTIICS (Narayana Health-Rabindranath Tagore International Institute of Cardiac Sciences), a tertiary care hospital having multispeciality services. He is also a Visiting Consultant in Endocrinology in GD Hospital and Diabetes Institute (GDDI) from February 2009.

Dr Debmalya Sanyal graduated (MBBS) with honours from Calcutta University in 1997 and completed DTM&H (Postgraduate Diploma in Tropical Medicine) from School of Tropical Medicine, Calcutta University, followed by postgraduate degree (MD) in Internal Medicine from Utkal University. He completed a three-years residency and also received doctoral degree (DM) in Endocrinology from West Bengal University of Health Sciences in 2007. He obtained MRCPI from Royal College of Physicians of Ireland in 2010. He received the FACE(Fellow, American College of Endocrinology) distinction in 2015. He also received his Specialty Certificate in Endocrinology & Diabetes (SCE) from Royal College of Physicians of the United Kingdom.

He holds an appointment in a department (division/section) of Endocrinology in a Medical Council of India –MCI accredited medical college (K P C Medical College) with an academic rank of Professor from 01/02/2016. On 6/12/ 2010 he joined as Assistant Professor of Endocrinology in K P C Medical College (recognised by Medical Council of India –MCI), Kolkata, under West Bengal University of Health Sciences. On 1/02/2013 was promoted as

Associate Professor in Department of Endocrinology, subsequently promoted to Professor from 01/02/2016.

He is also a faculty of Integrated Diabetes & Endocrine Certificate Course of University of Newcastle, Australia & KPC Medical College, Kolkata. Conceptualising and developing curriculum, course & examination conduction from 2016 – till date. Regular theory classes on endocrine and diabetes for the Integrated Diabetes and Endocrine Certificate Course. Innovation and upgradation of the course and its scientific content. Further introduction of advanced courses is also being worked out. Appointed as Conjoint Professor, School of Medicine and Public Health, University of Newcastle, Australia from 4/06/2020- till date. He is a regular national faculty of PHFI (Public Health Foundation of India) diabetes and endocrine courses. He was a faculty of national RSSDI diabetes certificate course.

He is actively involved in academic as well as clinical practice in the field of Endocrinology. He is also actively involved in endocrine research and has more than 84 publications in national and international journals. He regularly presents his research papers at international and national endocrine related conference. His area of research includes various aspects of diabetes including type 1 and type 2, FCPD, Post Transplant Diabetes Mellitus, Primary Hyperaldosteronism, Transgender Endocrinology, Thyroid disorders, Diabetes and chronic kidney disease, fatty liver, GLP-1 therapy, insulin and renal impairment, pregnancy in diabetes. He has been involved in a number of International clinical trials in the field of endocrinology. He also has quite a few publications in these areas. His ongoing research is focused on type 1 diabetes, pancreatic diabetes, diabetes in young, diabetes and CKD, epidemiology and genetic aspects of diabetes and renal transplant, pharmacotherapy in diabetes. He is also doing active research in thyroid diseases, endocrine hypertension like primary hyperaldosteronism and gender identity disorders. He has been DNB (doctoral) thesis co-guide in Post Transplant Diabetes or NODAT. He has published the first original articles from India on transgender endocrinology and has been actively involved in Indian national guidelines on transgender health. He has also presented papers on Primary Hyperaldosteronism.

He is also a faculty in different endocrine related meetings at regional, national and international level. He has presented his research papers at international conference meetings like ENDO and AACE in USA, RSSDI and ESICON in India. was selected for travel grants for paper presentation in AACE. He received Etzweiler International Scholar 2019. He received the Best Paper Presentation in Eastern Zone Endocrine Conference. He was awarded Indian Medical Association Dr Deepak Banerjee Award for best paper published in Journal of Indian Medical Association in 2009 and 2019. He was an invited speaker in many conferences like Asia Pacific Diabetes Symposium in Kuala Lumpur, Malaysia. He is also a speaker at several meetings like ESICON (Endocrine Society of India Conference), SAFES (South Asian Federation of Endocrine Societies), ITSCON (Indian Thyroid Society Conference), APICON organized by Association of Physicians of India, IDEACON.

He is the Secretary of Research Society for Study of Diabetes in India (RSSDI), West Bengal Chapter from 2022. He was the Secretary of Diabetic Association of India (WB Chapter), member of executive committee of Endocrine Society of Bengal. He was the member of Scientific Committee of Endocrine Society of India Conference in 2012. He is a Fellow of American Association of Clinical Endocrinologists. He is a member of The Endocrine Society,

USA, ,Endocrine Society of India, Research Society for Study of Diabetes in India(RSSDI). He is and has been involved in a number of International clinical trials in the field of endocrinology.

Breath of Practice: Dr Debmalaya Sanyal, currently a Professor at the Department of Endocrinology, KPC Medical College , Kolkata, India. He is currently a Conjoint Professor, School of Medicine & Public Health, University of Newcastle, Australia. He is also a faculty of Diabetes & Endocrine Certificate Course of University of Newcastle, Australia and KPC Medical College, Kolkata. Dr Debmalaya Sanyal has been in clinical practice in endocrinology from August 2007. He is a Senior Visiting Consultant Endocrinologist in the Department of Endocrinology, NH RTIICS (Narayana Health-Rabindranath Tagore International Institute of Cardiac Sciences), a tertiary care hospital having multispeciality services. He is also a Visiting Consultant in Endocrinology in GD Hospital and Diabetes Institute (GDDI) from February 2009. Dr Debmalaya Sanyal graduated (MBBS) with honours from Calcutta University in 1997 and completed DTM&H (Postgraduate Diploma in Tropical Medicine) from School of Tropical Medicine, Calcutta University, followed by postgraduate degree (MD) in Internal Medicine from Utkal University. He completed a three-years residency and also received doctoral degree (DM) in Endocrinology from West Bengal University of Health Sciences in 2007. He obtained MRCPI from Royal College of Physicians of Ireland in 2010. He received the FACE(Fellow, American College of Endocrinology) distinction in 2015. He also received his Specialty Certificate in Endocrinology & Diabetes (SCE) from Royal College of Physicians of the United Kingdom.

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