

FACULTY DETAILS

1. Personal details:

Name: Prof Dinesh Puri

Designation: Director Professor and Head

Degrees: MBBS, MD, Ph.D.

Department: Biochemistry

Area of Interest: Medical Education



2. Education and Trainings:

Degree	Institution	Place	Period
MBBS	UCMS	Delhi	1980
MD	UCMS	Delhi	1986
Ph.D.	UCMS	Delhi	1996

3. Experience:

S.No	Post	Institute	Period
1	Senior Resident	LHMC, New Delhi	
2	Lecturer	UCMS	1990 – 1992
3.	Lecturer in senior scale	UCMS	1992 -1994
3	Reader	UCMS	1994-2002
4	Professor	UCMS	2002-2008
5	Director Professor	UCMS	2008 to till date

4. Assignment in Academic Associations:

1. Life member of Association of Medical Biochemists of India
2. Life member of Association of Clinical Biochemists of India
3. Life member of Indian Society of Atherosclerosis Research

5. Award and Honors:

1. Best paper award ACBI annual Conference 1995
2. Best paper award INSA 1997
3. Best paper award in plant research by AMBI in 1998

6. Projects:

a. Ongoing:

S.No	Title	Funding Agency	Period	Grants (Rs)
1	A study on association between Glucagon-Like Peptide-1 and pro-inflammatory cytokine levels in Type 2 Diabetes Mellitus.	MRU, ICMR	2 years	2.5 lakhs

7. Publications:

a. Indexed Journals:

1. Sharma D, Mehndiratta M, Puri D. Laboratory Changes in SARS-CoV-2 Infection: A Review. Indian J Med Biochem 2020; 24 (2):62-65.
2. Mohit Mehndiratta, Almeida Edelbert Anthonio, RavooriSaaidesar Rao, Rajarshi Kar, Seema Garg , Bindiya Gupta, Amita Suneja, Dinesh Puri. Pre-analytical storage temperature affects telomere length and mRNA expression of hTERT. RUHS Journal of Health Sciences. 2020; 5(4):186-190.
3. Bansal MS, Dwivedi DD, Kumar S, Puri D, Mehndiratta M, Bansal P. Role of bone turnover marker-bone specific alkaline phosphatase evaluation in monitoring healing of tibial shaft fractures managed by closed reduction. International Journal of Orthopaedics. 2020;6(2):795-800.
4. Sharma D, Garg S, Mehndiratta M, Madhu SV, Puri D. Association of apolipoprotein AV with mRNA expression of IL-6 and NF- κ B genes in type 2 diabetes with hypertriglyceridemia: a possible link with inflammation. International Journal of Diabetes in Developing Countries. 2019;1-7.
5. Chandra N, Mehndiratta M, Garg S, Puri D. Current state of Medical Education in India: a perspective. Ind J of Med Biochem. 2018;22(2):163-165.
6. Nimesh A, Mehndiratta M, Agarwal V, Garg S, Puri D. Pre-analytical variables in clinical chemistry: training medical undergraduates through case-based discussion. Int J Clin Biomed Res. 2017; 3(4): 33-8
7. Nimesh A, Mehndiratta M, Kar R, Garg S, Puri D. Currently practiced assessment methods for medical undergraduates: a time to ponder. Eur J Pharm Med Res 2017; 4(9): 657-61
8. Sharma D, Garg S, Mehndiratta M, Madhu SV, Puri D. Relationship of serum apolipoprotein AV levels, oxidative stress and inflammatory biomarkers with hypertriglyceridemia in type 2 diabetes mellitus. International journal of endocrinology and metabolism. 2017 Apr;15(2):e44805.
9. Sohini Sengupta, Mohit Mehndiratta, Stuti Gupta, **Dinesh Puri**. "Pre-analytic phase in clinical laboratory". Journal of Clinical Science Research 2016; 5:171-78.

10. Mohit Mehndiratta, Seema Garg, Rajarshi Kar, **Dinesh Puri**. "Pitfalls of currently practiced approach for teaching medical students: opinions and options". *Inter-national Journal of Clinical Biochemistry and Research* 2016; 3(1); 100-104.
11. Mohit Mehndiratta, Stuti Gupta, **Dinesh Puri**. "Role-play: a method of teaching biochemistry to medical under-graduates". *Indian Journal of Medical Biochemistry* 2015; 19(1): 39-41.
12. Mohit Mehndiratta, **Dinesh Puri**. "Adopting role play for training of medical interns about sample collection and processing for laboratory investigations". *Indian Journal of Medical Biochemistry* 2015; 19(1): 24-27.
13. Arun Kumar Siddamsetty, Satish K Verma, Anil Kohli, **Dinesh Puri**, Archana Singh. "Estimation of time since death from electrolyte, glucose and calcium analysis of postmortem vitreous humour in semi-arid climate". *Medical Science and the Law*. 2014; 54(3): 158-166.
14. Arun Kumar Siddamsetty, Satish K Verma, Anil Kohli, Verma A, **Dinesh Puri**, Archana Singh. "Exploring time of death from potassium, sodium, chloride, glucose and calcium analysis in postmortem synovial fluid". *Journal of Forensic Leg Med*. 214; 28: 11-14.
15. Vibha Uppal, Mohit Mehndiratta, Debabratta Mohapatra, Rajesh K Grover, **Dinesh Puri**. "XRCC-Gene polymorphism (Arg399Gln) and susceptibility to development of lung cancer in cohort of north Indian population: a pilot study".
 - a. *Journal of Clinical and Diagnostic Research* 2014; 8(11): 17-20.
16. Sunita Mahto, SB Sharma, S Dwivedi, **Puri D**, RL Tripathi. "Biomarkers for early detection of risk in female patients with coronary artery disease: pilot study". *Journal of the association of Physicians of India* 2013; vol 61:317-319
17. **Puri D**, KM Prabhu, PS Murthy. "Antidiabetic effect of GII compound purified from fenugreek (*Trigonella foenum graecum Linn*) seeds in diabetic rabbits" *Indian Journal of Clinical Biochemistry* 2012; 27(1): 21-27.
18. **Puri D**, KM Prabhu, PS Murthy. "Mechanism of antidiabetic action of compound GII purified from fenugreek (*Trigonella foenum graecum*) seeds". *Indian Journal of Clinical Biochemistry* 2011; 26(4): 335-346.
19. Nimmi, **Puri D**, Madhu SV, Sharma SB. "Assessment of oxidative stress and endothelial dysfunction in Asian Indians with type 2 diabetes mellitus with and without macroangiopathy". *Quarterly J of Medicine* 2008; 101: 449-455.
20. Sunita, SB Sharma, **Puri D**, RL Tripathi, S Dwivedi. "Clinico-Biochemical correlation in women with CAD with special reference to oxidized LDL and small dense LDL". *Indian Journal of Clinical Biochemistry* December 2007; vol 22 (supl.) p3.29: 251-252
21. **Puri D**. "Screening mildly hypoglycaemic compounds: observe British angora rabbits with borderline glucose intolerance as animal models". *Indian Journal of Pharmaceutical Sciences* 2006; 5: 579-583.
22. **Puri D**. "Hypocholesterolaemic effect of *Biophytum sensitivum* leaf water-extract". *Pharmaceutical Biology* 2003; 41(4): 253-258.
23. **Puri D**. "Innovative, problem-based integrated curriculum for biochemistry teaching in medical sciences". *Indian Journal of Clinical Biochemistry*; 2002; 17(2): 52-59.
24. **Puri D**, Prabhu KM, Murthy PS. "Mechanism of action of a hypoglycaemic principle isolated from fenugreek seeds". *Journal of physiology and Pharmacology*; 2002; 46: 457-462.
25. **Puri D**. "Medical students' attitude towards problem-based integrated teaching in biochemistry" *Indian Journal of Medical Biochemistry*; 2002; 6 (1 & 2): 38-42.
26. **Puri D**. "Insulinotropic effect of a Nepalese Medicinal plant *Biophytum sensitivum*: preliminary experimental study". *Journal of ethno-pharmacology*; 2001; 78 (1): 89-93.

27. Shukla R, Sharma SB, **Puri D**, Prabhu KM, Murthy PS. "Medicinal plants for treatment of diabetes mellitus". Indian Journal of Clinical Biochemistry. 2000; 15(suppl.): 169-177.
28. **Puri D**, Srivastava A. "Comparative evaluation of quality control methods in an institute of Eastern Nepal". Indian Journal of Medical Biochemistry. 2001; 5 (1&2): 41-44.
29. Shukla R, Sharma SB, **Puri D**, Prabhu KM, Murthy PS. "Indigenous drugs for diabetes mellitus". J.K. Science 2000; 2: 128-131.
30. **Puri D**, Baral N. "Hypoglycemic effect of *Biohytum sensitivum* in alloxan diabetic rabbits". Indian Journal of Physiology and Pharmacology. 1998; 42:401-406.
31. **Puri D**. "Therapeutic potentials of fenugreek". Indian J. Physiol Pharmacology 1998; 42 (3): 423-24.
32. **Puri D**. "Antidiabetic effect of plant products" Journal International Medical Sciences Academy 1998; 11(2): 97-101.
33. **Puri D**, TK Mahapatra. "Fructosamine- a sensitive index for impaired glucose tolerance". Indian Journal of Medical Biochemistry 1997 1 (1): 19-24.
34. Amit Jain, **Puri D**, MMA Faridi. "Biochemical changes during exchange transfusion in hyperbilirubinemia in term newborn babies". 1997; 12(2): 119-124.
35. Ritu Singh, **Puri D**. "Recent Advances in genetic medicine". Journal of the Indian Medical Association. 1994; 9(1): 128-130.
36. **Puri D** N.Kaul " Further studies on serum arginase as indicator of hepatocellular damage". Indian Journal of Clinical Biochemistry. 1995; 10(1): 42-44.
37. **Puri D**, Prabhu Km, Murthy PS. "Hypocholesterolemic effect of the hypoglycemic principle of fenugreek (*Trigonella foenum graecum*) seeds". Indian Journal of Clinical biochemistry. 1994; 9(1): 13-16.
38. **Puri D**, N.Kaul "Evaluation of serum arginase in diagnosis of hepatocellular damage". Indian Journal of Clinical Biochemistry. 1993; 8(2): 151-154.

b. Other Journals:

c. Book Chapter:

1. Contributed chapters on "vitamins" and "minerals" in textbook of physiology: Publisher: CBS,2002
2. Contributed a chapter comprising of 2100 MCQ questions in Biochemistry in a book titled "quick medical examination review": Publisher: CBS,2002

d. Books:

1. Textbook of Biochemistry (clinically oriented approach) for undergraduate and postgraduate students. Publishers: BI Churchill Livingstone, 2002.
2. Quick review of Biochemistry comprising of 1156 MCQ questions with explanatory notes. Publishers: Doctor Publisher, New Delhi, 1994.
3. Textbook of Biochemistry (clinically oriented approach) for undergraduate and postgraduate students. Publishers: Elsevier, 4th edition 2018.

e. Others:

8. H index:

