

## CURRICULUM-VITAE

### Raju Kumar Dubey, BSc.MLT, MSc

Assistant Prof, Biochemistry

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### EDUCATION

2008 – 2011 Master of Science (Medical Biochemistry)  
B. P. Koirala Institute of Health Sciences, Dharan, Nepal

2005 – 2008 Bachelor of Science (Medical Laboratory Technology)  
B. P. Koirala Institute of Health Sciences, Dharan, Nepal

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### WORK EXPERIENCE

1. Worked as a Lecturer (from 9<sup>th</sup> Oct 2011 to 14<sup>th</sup> May 2018), Department of Biochemistry, Universal College of Medical Sciences, Nepal (affiliated to Tribhuvan University, Kathmandu) for 7 years.
  2. Worked as an **Associate Professor** in the above-mentioned institution from 15<sup>th</sup> May 2018 to 5<sup>th</sup> Feb 2021.
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### RESEARCH EXPERIENCE

#### Principal Supervisor for the following B.Sc. MLT Candidates

1. Anup Paudel (2019). *Levels of HbA1c, Uric acid, Cholesterol and Components of Complete Blood Count in Stroke Patients.*
2. Binita Maharjan (2017). *Status of serum transaminases in patients with dyslipidemia.*
3. Rojina Bakhunchen (2016). *Study of serum calcium and phosphorus product as a predictor of cardiovascular disease risk in renal failure patients.*
4. Sunita Neupane (2015). *Association of serum uric acid and microalbuminuria with glycated hemoglobin in type 2 diabetic patients.*

***Working as an Editor (Annals of Clinical Chemistry and Laboratory Medicine, an official journal of Nepalese Association for Clinical Chemistry) and guest Reviewer in different medical journals***

## **RESEARCH PUBLICATIONS**

1. Twayana, Y., Pokhrel, B. R., Tamang, B., Jha, A. C., Gautam, N., Jayan, A., **Dubey, R. K.**, & Dhakal, P. R. Microalbuminuria in Patients with Hypertension Visiting Tertiary Care Centre, Western Nepal. *Journal of Nepal Health Research Council* 2021; 19(03): 530-35.
2. Jayan, A., Pokhrel, B. R., Gautam, N., Jha, A. C., Tamang, B., Shrestha, J., Ranjan, S., & **Dubey, R. K.** Serum Vitamin D and B12 Levels in Alcoholic Male Patients: A Cross-sectional Study. *Journal of Universal College of Medical Sciences* 2021; 9(01): 47-51.
3. Bakhunchhen R, **Dubey RK**, Jayan A, Shah SK, Khatri K. Product of serum calcium and phosphorus (CaxPi) as a predictor of cardiovascular disease risk in patients with chronic kidney disease. *Journal of Universal College of Medical Sciences* 2020; 8(1): 23-26.
4. Gautam N, Jayan A, **Dubey RK**, Jha AC, Deshar S, Tamang B, et al. Hematological profiles in hemoglobinopathy patients in south western Nepal. *Journal of Universal College of Medical Sciences* 2020; 8(1): 27-32.
5. Jha AC, Koirala KN, Jayan A, Gautam N, **Dubey RK**, Tamang B, et al. Prevalence of metabolic syndrome in patients with subclinical and overt hypothyroidism visiting tertiary care centre of western Nepal. *Journal of Universal College of Medical Sciences* 2020; 8(1): 33-37.
6. Neupane S, **Dubey RK**, Gautam N, Agrawal KK, Jayan A, Shrestha S, et al. Association between serum uric acid, urinary albumin excretion, and glycosylated hemoglobin in Type 2 diabetic patient. *Niger Med J* 2016; 57:119-23.
7. Shrestha S, Neupane S, Gautam N, **Dubey RK**, Jha AC, Doshi NR, et al. Association of thyroid profile and prolactin level in patient with secondary amenorrhea. *Malays J Med Sci.* 2016; 23(5): 51-56.
8. Gautam N, Jayan A, **Dubey RK**, Jha AC, Sharma B, Bohara S, et al. Spectrum of lipid abnormality among thyroid disorder patients in UCMS-TH, South Western Region. *Journal of Universal College of Medical Sciences* 2016; 4(2): 20-24.
9. **Raju Kumar Dubey**, Narayan Gautam, Niraj Dhakal, Nirmal Baral, Madhab Lamsal, Pramod M Shyangwa. Antioxidant enzyme activities and lipid peroxidation in patients with bipolar affective disorder. *Journal of Universal College of Medical Sciences* 2015; 3(3): 12-16.
10. Seraj AK, Shankhar M, **Raju KD**, Punam J, Anju P, Rajat KA. **Antioxidants and Lipid Peroxidation Status in Women with Breast Cancer.** *The International Medical Journal Malaysia* 2015; 14(1): 1-6.
11. Niraj Dhakal, Madhab Lamsal, Nirmal Baral, Shrijana Shrestha, Subodh Sagar Dhakal, Narendra Bhatta, **Raju Kumar Dubey.** Oxidative Stress and Nutritional Status in Chronic Obstructive Pulmonary Disease. *Journal of Clinical and Diagnostic Research* 2015 Feb; 9(2): BC01-BC04.
12. Archana Jayan, **Raju Kumar Dubey**, Padhmavathi P, Amit Chandra Jha, Narayan Gautam. Association of lipid profile with fasting and post prandial glucose level in

- Type 2 diabetic patients. Journal of Universal College of Medical Sciences 2015; 3(1): 2-5.
13. Jayan A, Gautam N, **Dubey RK**, Neupane Y, Padmavathi P, Jha SK, et al. Prevalence and impact of thyroid disorders based on TSH level among patients visiting tertiary care hospital of south western Nepal. Nepal Med Coll J 2015; 17(1-2): 6-10.
  14. Gautam N, **Dubey RK**, Jayan A, Neupane Y, Padmavathi P, Jha SK, et al. Comparative study of glycated hemoglobin by ion exchange chromatography and affinity binding Nycocard reader in type 2 diabetes mellitus. Nepal Med Coll J 2014; 16(2-4): 103-108.
  15. **Raju Kumar Dubey**, Seraj Ahmed Khan, Youbraj Neupane, Pramod Mohan Shyangwa, Nirmal Baral, Madhab Lamsal. Effect of Lithium Therapy on Non-enzymatic Antioxidants in Patients with Bipolar Affective Disorder. International Journal of Pharmacy and Biological Sciences 2013; 03 (03): 278-284.
  16. **Dubey RK**, Dhakal N, Das BKL, Pandey Y, Baral N. C-reactive protein in patients with NSTEMI acute coronary syndrome. Journal of Universal College of Medical Sciences 2013; 1(1):10-14.
  17. Narayan Gautam, Archana Jayan, **Raju Kumar Dubey**, Sujit Kumar Jha, Pravash Kumar Dhakal, Nirmal Baral, et al. Comparative study of impact of smoking in healthy and pulmonary tuberculosis patients measured by indices of oxidative stress. International Journal of Medical Sciences and Biotechnology 2013; 01(04): 45-54.
  18. Padmavathi P, **Dubey RK**, Banarjee AK, Kumari A. Ascorbic acid and Uric acid levels in male smokers. Journal of Nepal Association of Medical Laboratory Science 2012; 11(01):35-37.
  19. **Raju Kumar Dubey**, Madhab Lamsal, Nirmal Baral, Pramod Mohan Shyangwa. Antioxidant status of the patients with bipolar disorder on lithium therapy. **Abstract in Clinical Biochemistry 2011; 08:112.**

### CONFERENCES/CME:

1. **Conference Abstract Published in Clinical Biochemistry (IF 2.58), Vol 44, Issue 13, Supplement, pp S52-53.** 12<sup>th</sup> Iranian Congress of Biochemistry & 4<sup>th</sup> International Congress of Biochemistry and Molecular Biology, Mashhad, Iran, September 6-9, 2011.
2. Attended Second Annual Scientific Meeting of Nepalese Association for Clinical Chemistry (NACC-CON 2016), August 20-21, 2016, Dhulikhel, Nepal.
3. **Poster presentation**, “Effect of Delay Separation and Short Term Storage on Serum TSH,” XVII Scientific Session, Sep 5-7, 2010, B. P. Koirala Institute of Health Sciences, Dharan, Nepal.
4. **Oral presentation**, “Photolysis of serum Bilirubin exposed to room light,” XVII Scientific Session, Sep 5-7, 2010, B. P. Koirala Institute of Health Sciences, Dharan, Nepal.
5. Presented on the topic “**Writing references (bibliographies) for theses and journals**” in the CME on **Scientific writing and Research Ethics**, 26<sup>th</sup> Oct 2016, Devdaha Medical College & Research Institute, Devdaha, Nepal.

### **Research Grants**

- 2020: Status of vitamin D and vitamin B12 level in alcoholic patients.  
Role: Co-investigator  
Amount: 40,000 NPR  
Type: Institutional research grant by Universal College of Medical Sciences
- 2018: Hematological profiles in hemoglobinopathy patients in Western Nepal  
Role: Co-investigator  
Amount: 40,000 NPR  
Type: Institutional research grant by Universal College of Medical Sciences

### **TRAINING & WORKSHOP**

1. **“Teachers’ Training on Helping Students Learn Better”** organized by National Center for Health Professional Education, Institute of Medicine, Kathmandu during November 20 to November 25, 2011.
2. **“Workshop on Total Quality Management and Good Laboratory Practices in Clinical Laboratory”** organized by Department of Biochemistry at B. P. Koirala Institute of Health Sciences, Dharan, Nepal during June 26 to June 27, 2011.

### **PROFESSIONAL MEMBERSHIPS**

1. Corresponding Member, IFCC Education & Management Division, Committee on Clinical Laboratory management (IFCC, EMD C-CLM) and Education and the use of Biomarkers for Diabetes Mellitus (IFCC, EMD EUBD) for the year 2015-2017 from Nepal.
  2. Founder and Executive Member of Nepalese Association for Clinical Chemistry (NACC).
  3. Life Member of Nepal Association of Medical Laboratory Sciences (NAMLS)
  4. Founder member and Secretary of Association of Basic and Applied Medical Sciences-Nepal (ABAMS-Nepal).
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