**Curriculum Vitae**

**Mukun Joshi**

Master student

Institute of Health and Society Department of Community Medicine University of Oslo, Norway

Cell Phone: +47 93926180 Date of Birth:18081985 Nationality: Nepali

Core points: Proficient in advanced diagnostic techniques (PCR, HPLC, flow cytometry), statistical analysis (R, SPSS), bioinformatics, and laboratory management.

**Educational qualification**

 **(2022 August - till date):** Master's Programme in International Community Health Oslo, Norway.Thesis project Investigating the association of childhood and adulthood adiposity on educational attainment: a multivariable Mendelian randomization study

 **(2019- 2021):** Master's Degree in Applied and Commercial Biotechnology Inland Norway University of Applied Sciences (INN University) Hamar Norway.

**Thesis project:** "Testing of different conditions to accelerate culturing and potentially reduce the time of detection of pathogen and antimicrobial resistance".

 **2012-2015:** Master's Degree in Medical Biochemistry (MMIMSR) Maharishi Markhandeshwor University, Mullana Ambala, Haryana, India Thesis: “Estimation of serum zinc, calcium and magnesium in breast cancer patients”

 **2006-2009:** B.Sc. Medical Laboratory Technology Padmashree collage of Medical Laboratory Technology Rajiv, Gandhi University of Health and Sciences, Bangalore India

**Work experience**

 **2018-2019:** Senior Biochemist and Technical Head, United Diagnostic Laboratory, Mahendranagar Kanchanpur Nepal.

 **2017-2019**: Part time Instructor, Khaptad collage of Health sciences Dhangadhi Kailali Nepal.

 **2015-2018:** Medical laboratory Technologist, Seti Zonal Hospital, Dhangadhi Kailali Nepal.

 **2015- 2017**: Senior Biochemist, Dhangadhi Diagnostics, and Research Centre Dhangadhi kailali Nepal.

 **2011-2012**: Part time Instructor, Charak Academy Pvt. Ltd. Bhadrakali, Pokhara, Nepal.

 **2010-1012**: Medical laboratory Technologist, Gandaki Medical Collage Teaching Hospital and Research Centre. Pokhara, Nepal.

 **2010-2012**: Part time Instructor in regional college of Health Science and Technology.

Pokhara, Nepal.

 **2009-2010**: Medical laboratory technician in Santosh diagnostic and scan center Bangalore

**Awards and Achievements**

 **Distinction in Bachelor 3rd Year (Bsc MLT).**

**Technical Skills**

 Light and fluorescence microscope

 Microbial culture, strain identification and biochemical characterization  Flow cytometry



Cell Culture

Gel electrophoresis

 Protein, DNA, RNA extraction  PCR

 Western blot technique

 Chromatographic Techniques

 Quantification of clinical biomarkers in human body fluid  Histochemistry

 Histological technique  R-studio

 SPSS

**Publications (Research Articles)**

1. Ali J, **Joshi M,** Ahmadi A et al. Increased growth temperature and vitamin B12 supplementation reduces the lag time for rapid pathogen identification in BHI agar and blood cultures [version 2; peer review: 2 approved]. F1000Research 2023, 12:131 (<https://doi.org/10.12688/f1000research.129668.2>)
2. **Mukund Joshi**, Suvarna Prasad Kuldip Singh Sodhi, Rajesh Pandey, Jasbir Singh Subhash Goyel. Implications of serum urea and creatinine estimation in prostate cancer. International Journal of Recent Trends in Science and Technology December 2014; 13(2): 290%292 [http://www.statperson.com](http://www.statperson.com/) (accessed 03

December 2014).

https://statperson.com/Journal/ScienceAndTechnology/Article/Volume13Issue2

/13\_2\_13.pdf

1. Mahesh Prakash Bhatta, Asmita Sapkota, Pushpa Subedi, Sunita Baniya Chhetri, Dhaka Raj Pant, **Mukund Joshi**, Santosh Pandit and Dipendra Raj Pandeya (2019). Biofilm Formation by Uropathogens and Their Susceptibility Towards Antimicrobial Therapy. Medical Journal of Shree Birendra Hospital, 18(1), 13-22. https://[www.nepjol.info/index.php/MJSBH/article/view/20189](http://www.nepjol.info/index.php/MJSBH/article/view/20189)
2. Bashu Dev Pardhe, **Mukund Joshi**, Rajesh Pandey, P D Sharma, Jasbir Sing

, Prem Paudyal. Glucose-6-phosphate dehydrogenase deficiency and its correlation with serum bilirubin in neonates (2015). World journal of pharmacy and pharmaceutical sciences 4 (937-945). https://storage.googleapis.com/journaluploads/wjpps/article\_issue/14410237 72.pdf

***Review Articles; 12 published***

* 1. (Joshi, Singh Sodhi et al. 2014). Micro RNA: Biomarker for Cancer Diagnosis and Prognosis. *J Pharm Biomed Sci*.2014;04(07):600-610.
  2. (Joshi, Sodhi et al.) Mukund Joshi, Kuldip Singh Sodhi, Rajesh Pandey, Subhash Goyal. Serum Uric Acid And Cardiovascular Disease. *J Pharm Biomed Sci.* 2014;04(11):972-983.

***Presentations***

***Oral presentation ;3 Poster presentation;3***



 ***Book and book chapters. 2***

* + 1. Arjun Singh Gurjar, **Mukund Joshi**, Suvarna Prasad "Liver Function Test in Type 2 Diabetes Mellitus" ISBN 978-3-659-69810-1; Ed: Olivia Morrison: [www.](http://www/) lap- publishing. com: Heinrich- Böcking-Str. 6-8, 66121 Saarbrucken, Germany;2015*.*
    2. **Mukund Joshi**, Kuldip Singh Sodhi, Rajesh Pandey, Jasbir Singh, Subhash Goyal. Molecular Medicine in Cancer Research. In: Johri AK, Mishra GC, editors.Innovative Approach in stem cell Research Biology and Applied Biotechnology. Excellent publishing House. New Delhi, 2014, p74-9. ISBN: 978-93-83083-79-4.

**References**

* **Rafi Ahmad Professor,**

**Faculty of Applied Ecology, Agricultural Sciences and Biotechnology, HamarNorway. Contact: +47 62 51 78 45,**

**Email:** [**rafi.ahmad@inn.no**](mailto:rafi.ahmad@inn.no)

* **Knut Olav Strætkvern Professor,**

**Faculty of Applied Ecology, Agricultural Sciences and Biotechnology, HamarNorway.** **Contact: +47 62 51 78 52,**

**Email:** [**knut.stratkvern@inn.no**](mailto:knut.stratkvern@inn.no)

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