



## MANAV RACHNA INTERNATIONAL INSTITUTE OF RESEARCH AND STUDIES

Sector 43, Aravalli Hills, Manav Rachna Campus Rd, Faridabad,

**Dr Divya Sanghi**

**Designation: Associate Professor and Head**

**Qualifications: Ph.D**

**Email: divya.fas@mriu.edu.in**

**Experience: 12 years**



**Research Interest: Interested in nutri- genomics, interventional study, bone diseases specially osteoarthritis and anthropometric studies.**

### Journal Publication Details:

- 1) **Divya Sanghi**, Sachin Avasthi, R N Srivastava and Ajai Singh. Nutritional Factors and Osteoarthritis: A review article. IJMU 2009; Vol. 4, No. 1. ISSN NO. 1694-0423, IF-0.5.
- 2) Avasthi S., **Sanghi D.**, Singh A., Kumar A., Kumar S., Mishra A., Srivastava RN. Significance of clinical parameters and role of clinical scoring systems in predicting severity of primary Osteoarthritis knee. IJOS 2009 Volume 13 Number 1. ISSN NO. 2395-1354
- 3) **Sanghi D**, Srivastava RN, Singh A, Kumari R, Mishra R, Mishra A. The association of anthropometric measures and osteoarthritis knee in non-obese subjects: a cross sectional study. Clinics. 2011;66(2):275-279. ISSN NO. 1980-5322, IF-1.69
- 4) Sachin Avasthi, Abhishek Mishra, **Divya Sanghi**, Ajai Singh, Rashmi Parihar, Pankaj Kumar, S. Ganesh and R.N. Srivastava. Association of Intronic Single nucleotide polymorphism (SNP) of CALM 1 gene with Osteoarthritis of the Knee in Indian population: a case- control study. IJMU 2012; 7(1): 19-26. ISSN NO. 1694-0423, IF-0.5.
- 5) **Divya Sanghi**, Sachin Avasthi, Abhishek Mishra, Ajai Singh, Sarita Agarwal, R.N. Srivastava. Is radiology a predictor of clinical symptoms- pain, stiffness and functional disability in knee Osteoarthritis? J Orthop Sci 2011;16(6):719-725. ISSN NO. 0949-2658, IF-1.14.
- 6) Abhishek Mishra, **Divya Sanghi**, Amar Chand Sharma, Saloni Raj, Shailendra Shanker Maurya, Sachin Avasthi, Ajai Singh, Devendra Parmar, Rajeshwar Nath Srivastava. Genetic polymorphism in GDF-5 gene association in development and progression of osteoarthritis knee in North Indian population. Am. J. Biochem. Biotechnol. 2013, 9: 1-7. **ISSN NO.1553-3468**, IF- 0.73.
- 7) **Sanghi D**, Mishra A, Sharma AC, Singh A, Natu SM, Agarwal S, Srivastava RN. Does vitamin D improve osteoarthritis of the knee: a randomized controlled pilot trial. Clin Orthop Relat Res. 2013 Aug;471(11):3556-62. ISSN NO. 1528-1132, IF-3.16.
- 8) **Sanghi D**, Mishra A, Sharma AC, Singh A, Natu SM, Agarwal S, Srivastava RN. Reply to the Letter to the editor: Does vitamin D improve osteoarthritis of the knee: a randomized controlled pilot trial. Clin Orthop Relat Res. 2013 Nov;471(11):3716-7. ISSN NO. 1528-1132, IF-3.16.
- 9) **Divya Sanghi**, Abhishek Mishra, Rachna Mishra, Reema Kumari, Ajai Singh, SM Natu, Sarita Agarwal, RN Srivastava. "Elucidation of dietary risk factors in Osteoarthritis knee - a case-control study". J Am Coll Nutr 2015;34(1):15-20. **ISSN NO. 1541-1087**, IF- 1.64.
- 10) V. Thorat, **D Sanghi** and A. Sharma. Effect of phytoestrogen (flax seeds) on perimenopausal & menopausal symptoms in females residing in Faridabad. WJPLS 2016, 2:3:350-356. **ISSN NO. 24542229**.
- 11) Lalhmangaihi Zote, Gurjeet Kaur Chawla and **Divya Sanghi**. Comparitive study on the pattern of consumption of sports drinks among students involved in sports and non-sport activities. IJMERE

- 12) Aishwarya Khattak, Mahak Sharma, **Divya Sanghi**. Extension of Shelf Life of Raw Eggs Using Soya Protein Based Eggshell Coating. International journal of Scientific Research 2016, 5:6:23-25. **ISSN NO. 2277-8179**, IF-4.17.
- 13) Aishwarya Khattak, Mahak Sharma, **Divya Sanghi**. Extension of shelf life of raw eggs using whey protein based eggshell coating. International journal of food science and nutrition 2016; 5(3): 80-83. ISSN NO. 2320-7876, IF-1.02.
- 14) Suman Acharya, **Divya Sanghi**, Binu Bhatia. Growth profile and its Correlation with Nutrient Intake among Children (3-6 years). International Journal of Scientific research and Development 2017;5(4); 1392-1394. **ISSN NO. 2321-0613**, IF-4.39 .
- 15) Nishu Gupta. Divya Sanghi. A Comparative Study on Nutritional, Physical and Cognitive Development of Pre-School Children Residing at Home and at Daycare Centre. International Journal of Advance Research 2017;5(6);1579-1581. ISSN No. **2320-5407**.
- 16) Binu Bhatia, Simranjeet Kaur, Divya Sanghi. Effect of Academic Stress on Dietary Pattern Among Adolescents (16-17 Years). International Journal of Scientific research and Development 2017;5(4): **ISSN NO. 2321-0613**, IF-4.39.
- 17) Divya Sanghi, Binu Bhatia, Tanvi Dudeja. Comparative Study on Reliability and Responsiveness of Quality of Life Scales in Elderly. Indian Journal of Nutrition 2017:4(4).
- 18) Simran Kapoor, Divya Sanghi. A Comparative Study on the Quality of Life Among Working Women Of Government Sector And Private Sector. Int. J. Adv. Res. 2018 6(6), 944-947.
- 19) Andrew Lalchhuanawma, Divya Sanghi. The Link Between Emotional and Psychological Distress with Myofascial Pain Syndrome. American Journal of Sports Science 2019; 7(4): 177-181.
- 20) **Mahak Sharma, Divya Sanghi, Priya Mishra and Divya Puri**. Traditional Plants as immunobooster: Preventing strategy against COVID-19. Bioved 2019, **30(2)** : 153-166.
- 21) Andrew Lalchhuanawma, Divya Sanghi. Reliability and validity of the Mizo-version of neck disability index for non-specific neck pain in the rural North-East Indian population. International Journal of Research in Medical Sciences 2020 Jan;8(1):317-321.
- 22) Andrew Lalchhuanawma, Divya Sanghi. Cultural adaptation, reliability, and validation of the Mizo-Version of Beck Depression Inventory (BDI) in the rural Northeast Indian population. Journal of Medical Science and clinical Research 2019 Nov;7(11):892-899.
- 23) Lalchhuanawma A, Sanghi D. The effect of strength training of the calf muscle pump on cardiovascular parameters. Arch Med Health Sci 2020;8:26-30. ISSN NO. 2321-4848.
- 24) Mahak Sharma, Divya Sanghi, Priya Mishra and Divya Puri. Traditional plants as immunobooster – Preventive strategy against COVID-19. Bioved, 30(2) : 153-166, 2019.

### Accepted

- 1) D Sanghi PhD, S Agarwal PhD. Genetic predisposition of vitamin D receptor gene (TaqI, ApaI, BsmI and FokI) polymorphisms and vitamin D status in Knee Osteoarthritis. Bulletin of Environment, pharmacology and Life Sciences. Volume 10 [4] 2021
- 2) Priya Mishra, Divya Sanghi, Anamma R. Kumar. Microbial load of Spinach (*Spinacia Album*) and Bathua leaves (*Chinopodium Album*) before and after dehydration. Bulletin of Environment, pharmacology and Life Sciences. Volume 10 [2/3] 2021.

**Conference details:**

- 1) The 11<sup>th</sup> Indian Society for Parenteral & Enteral Nutrition (ISPENCON) -2005, Department of gastroenterology. 5<sup>th</sup>- 7<sup>th</sup> Nov. 2005.
- 2) International symposium on Prognostic and predictive factors in cancer management, Department of radiotherapy. 15<sup>th</sup> -16<sup>th</sup> Dec. 2008.
- 3) 33<sup>rd</sup> Annual conference of UP Orthopaedic association (UORTHOCON), Lucknow, India. 6<sup>th</sup> -8<sup>th</sup> Feb 2009.
- 4) National Seminar on translational Health Research: Pathways to Discovery. CSM. Medical university, Lucknow, India 28<sup>th</sup>-29<sup>th</sup> April, 2009.
- 5) 42<sup>nd</sup> Annual National conference of Indian Dietetic Association organized at CSM. Medical University Lucknow, India. 12<sup>th</sup> -13<sup>th</sup> Dec. 2009.
- 6) 35<sup>th</sup> Annual conference of International Society of Human Genetics at SGPGIMS, Lucknow, India 6<sup>th</sup>-8<sup>th</sup> March 2010

**Research Supervised (PhD): Total 6 PhD Scholars under my supervision:**

- 1) **Ms. Sushmita Kumari:** PhD Completed on title" Effect of Nutritional Status on Psychological Assessment of Intercollegiate and All India Interuniversity Male Volleyball Players
- 2) **Ms. Kshitija Patki:** Fitness in urban elementary school children: impact of exercise, nutrition and socio-economic status
- 3) **Mr. Manish Kumar:** Effect of Obesity on Relationship between Kinematic Chain Segments of Lower Extremity in Middle Aged Individuals
- 4) **Mr. Andrew :** "A Correlative Study of Water-Soluble Vitamins and Minerals with Clinical Parameters of Pain and Disability in Patients with Myofascial Pain Syndrome.
- 5) **Ms. Arshi Mehboob:** Impact of trimester-specific nutrition knowledge on health thereby improving birth outcomes of migrant pregnant women from Delhi-NCR urban slums.

**Administrative Responsibilities:**

Head of Department

Member of Academic Council

Member of Board of Faculty

Member of Board of Studies

Chairperson of department Research and Studies

**Professional Affiliation**

- Worked as *Young Scientist (Council of Science and Technology, UP)* in the Department of Orthopaedic Surgery at King George Medical University, Lucknow, UP.
- 1<sup>1/2</sup> yr as *Senior Research Fellow of Indian Council of Medical Research, Delhi, India*
- 1 yr as *Senior Research Fellow of Council of Science and Technology, Lucknow, UP, India*
- 2 yr as *Junior Research Fellow of Council of Science and Technology, Lucknow, UP, India*

**Awards:**

- Two time International travel grant recipient from International Osteoarthritis Research Society (OARSI) for presenting a paper in SanDiego, USA (2011) and Paris, France (2014).
- One time International travel grant recipient from Department of Science and Technology for presenting a paper in Annual Society of Human Genetics (ASHG), San Francisco, 6<sup>th</sup> – 10<sup>th</sup> Nov. 2012.

**Expert Talk Delivered:**

Expert talk on Nutrition and COVID- 19, on 6 September during the National nutrition Week celebration 2020 organized under 10 days national Workshop organized by Guru Govind Singh Indraprastha University, New Delhi.