

RAVINDRA VEERANNA

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Mysuru, India, 570020

EDUCATION

- 2008 **PhD, Animal Biotechnology**
ICAR-Indian Veterinary Research Institute, Izatnagar-Bareilly, UP
• **OGPA:** 8.227/10
- 2004 **Masters, Animal Biotechnology**
G.B.Pant University of Agriculture and Technology, Pantnagar, UT
• **OGPA:** 8.31/10
- 2001 **BVSc &AH/DVM, Veterinary Sciences and Animal Husbandry**
Karnataka Veterinary Animal Fisheries Sciences Uni, Bidar, KA
• **OGPA:** 8.08/10

TEACHING EXPERIENCE

- **2014-present:** Molecular Sciences, Biochemistry, Functional Foods. CSIR-CFTRI, Mysore, India.
- **2002-2004:** Teaching Assistant, Biochemistry, Biotechnology, G.B. Pant University, Pantnagar, India.
- **1999-2000:** Public Health, Applied Anatomy (Myology), Veterinary College, Bidar, India.

RESEARCH EXPERIENCE

- 10/2014 - Current **Principal Investigator/DBT Ramalingaswami Fellow, CSIR-Central Food Technological Research Institute, Mysuru, India**
- Interactions between dietary bioactive compounds-gut microbiota-lifestyle associated disorders (diabetes), and immunity.
 - Development of food supplements (immunity-boosting, anti-diabetes, anti-obesity, endurance).
 - Application of AI techniques and methodologies to diabetes research.
- 09/2009 - 09/2014 **Postdoctoral Visiting Fellow, NIH-National Cancer Institute, Bethesda, USA**
- Understanding the role of hypoxia and hypoxia-inducible factors in Kaposi's Sarcoma-Associated Herpesvirus (KSHV)-induced cancer.
- 10/2008 - 09/2009 **Postdoctoral Researcher, University Of Chicago, Chicago, USA**
- Understanding the role of antiaging molecules (sirtuins) on agonists-induced cardiac hypertrophy and failure.

ADMINISTRATIVE EXPERIENCE

- **2020-Present:** In charge coordinator CSIR-CFTRI COVID-19 Testing Centre, Mysuru, India.
- **2016-Present:** Scientific Member, Institutional Ethics Committee, Mysore Medical College & Research Institute (MMC&RI), Mysuru, India.
- **2020-Present:** Member. Institutional Biosafety Committee, JSSAHER, Mysuru, India.
- **2012-2013:** Member, Centre for Cancer Research-Fellow Young Investigator Committee (CCR-FYI), NIH, USA
- **2013: Member, Selection Committee.** Selection of “Outstanding Postdoctoral Fellow” CCR, NCI, NIH, USA.
- **2013: Co-Chair, Career Fair.** 13th Annual Young Investigator's Colloquium. NCI, NIH, USA
- **2013: Co-Chair, Workshop.** “Careers in Science Writing”. 13th Annual Young Investigator's Colloquium. NCI, NIH, USA.
- **2012: Moderator** for talks in Molecular and Cell Biology, Virology, Bioinformatics. 12th Annual Young Investigators Colloquium. NIH, USA.

AWARDS

International

- **2022: Best Oral Presentation Award.** The 9th International Congress of the Society for Ethnopharmacology, India (SFEC-2022), JSSAHER, Mysuru, India.
- **2019: Best Ambassador Award-2018.** Asian Council of Science Editors, Dubai, UAE.
- **2018: Outstanding Scientist in Animal Biotechnology.** Venus International Foundation, Chennai, India.
- **2018: Best Oral Presentation Award.** 8th International Food Convention, AFSTI, India.
- **2015: International Travel grant award.** Dept. of Biotechnology (DBT), Govt. of India. India.
- **2011: NIH intramural AIDS Research Fellowship.** NIH, USA.
- **2010: Travel grants award.** NCI, NIH, USA.
- **2009-2014: Visiting Fellowship.** NCI, NIH, USA.
- **2008-2009: Postdoctoral Fellowship.** University of Chicago. Chicago, USA.
- **2007: International Travel grant award.** Prof. Tielen Foundation. The Netherlands.
- **2005: International Travel grant award.** European Academy of Allergy and Clinical Immunology, Munich. Germany.
- **2020: Fellow of Society for Immunology and Immunopathology (FSIIP),** India.
- **2019: Best Poster Award,** 7th Bioprocessing India Conference, CSIR-CFTRI, Mysuru, India.
- **2018: Best Postdoc Fellow Award,** CSIR-CFTRI, Mysuru. India.
- **2012: DBT-Ramalingaswami re-entry Fellowship.** Govt. of India. India.
- **2008: Scientist award.** Indian Society for Veterinary Immunology and Biotechnology (ISVIB)-Pantnagar, India.
- **2007: Young scientist award.** Society for Immunology & Immunopathology (SIIP), Chennai, India.
- **2007-2008: Senior Research Fellowship.** CSIR- UGC. Govt. of India.
- **2004-2006: Junior Research Fellowship/NET.** CSIR-UGC. Govt. of India.
- **2003-2004: Junior Research Fellowship.** ICAR sponsored National Fellow Project. Pantnagar, India.
- **1996-2001: Jindal Merit Scholarship.** S.J. Jindal Trust. Bangalore, India.
- **2001: Second prize, Cattle judging competition,** 48th All India Livestock & Poultry show, Bangalore, India.
- **1998: First prize,** Elocution competition, Nehru Yuva Kendra, Bidar, Karnataka. India.

National

HONOURS & RECOGNITIONS

- **2022: Chairperson, Indo-US Workshop**, JSS Academy of Higher Education & Research. Mysuru. India.
- **2021: Recognition and appreciation for COVID-19 service**: Microbiologists Society, India & HIMedia. India.
- **2020: Corona Warrior recognition**. CSIR-CFTRI, Mysuru. India.
- **2020: Certificate of Appreciation for outstanding dedication and service to the nation and fight against COVID-19**. PhDiAns, Mysuru.
- **2018: Resource person**, Short-term training program, KVAFSU, Bidar. India.
- **2018: Judge**. Pick and Speak, Essay competitions, JSS University, Mysuru. India.
- **2018: Ambassador for India**. Asian Council of Science Editors (ACSE), Dubai.
- **2013: Honoured in recognition of service for organizing** the 13th Annual Young Investigator's Colloquium. NCI, NIH, USA.
- **2013: Member, Selection Committee**. "Outstanding Postdoctoral Fellow" CCR, NCI, NIH, USA.
- **2013: Co-Chair, Career Fair**, 13th Annual Young Investigator's Colloquium. NCI, NIH, USA.
- **2013: Co-Chair, Workshop**. "Careers in Science Writing" 13th Annual Young Investigator's Colloquium. NCI, NIH, USA.
- **2012: Moderator** for talks. Molecular and Cell Biology, Virology, Bioinformatics. 12th Annual Young Investigators colloquium. NIH, USA.
- **2012: Poster Judge**. Biochemistry/Genetics/Cell Biology. 8th Annual Graduate Student Research Symposium. NIH, USA.

RESEARCH GRANTS (PI)

- 1). ESTABLISHING THE CSIR-CFTRI COVID-19 TESTING CENTRE (GAP-0587/CLP-018). INDIA. **(Aug. 2020-present)**.
 - Supporting COVID testing centre set up by the CSIR-CFTRI along with Karnataka Government.
 - Grant amount: Rs. 50.00 lakhs. **(\$67000)**.
- 2). CSIR-MISSION ON IMMUNO MODULATORY FUNCTION OF NUTRITIONALS AND NUTRACEUTICALS FOR HEALTH AND WELLNESS (HCP-035). INDIA. **(Jan. 2021-March. 2023)**.
 - Spice-enriched nutraceutical supplements for immunomodulation, neuroprotection and diabetes management.
 - Grant amount: Rs. 150.00 lakhs. **(\$202029)**.
- 3). MAJOR LABORATORY PROJECT (MLP-269), CSIR-CFTRI, INDIA. **(June.2020-March 2021)**.
 - The machine learning model for personalized nutrition based on traditional foods for the diabetic population.
 - Grant amount: Rs. 1.50 lakhs. **(\$2020)**.
- 4). MAJOR LABORATORY PROJECT (MLP-236), CSIR-CFTRI, INDIA. **(Dec.2018-Dec. 2019)**.
 - Development of nutritionally and nutraceuticals-enriched gel-based products for endurance exercises.
 - Grant amount: Approx. Rs. 7.00 lakhs. **(\$9428)**.
- 5). RAMALINGASWAMI PROJECT (GAP-0466), DBT, INDIA **(Dec. 2014-Dec. 2024)**.
 - Effect of Diabetes on the pathology of the lung.
 - Grant amount: Rs. 120 lakhs (research grant +salary) **(\$161623)**.
- 6). SERB Extramural grant, DST, INDIA. (GAP-0532). **(July. 2018-Dec.2021)**.
 - Investigation of the molecular link between diabetes and its role in the development of Non-alcoholic

fatty liver disease (NAFLD).

- Grant amount: Approx. Rs. 37.00 lakhs. (**\$49833**).

7). INTRAMURAL AIDS RESEARCH FELLOWSHIP GRANT, NIH, USA (Jan. 2011-Jan. 2012).

- Transcriptional regulation of Kaposi's sarcoma associated herpes life cycle by histone deacetylases.
- Grant amount: **\$25000**.

COLLABORATION

- Dr. Swapna Upadhyay, Associate Prof. Integrative Toxicology, IMM Institute of Environmental Medicine, Karolinska Institute, Sweden.
- Prof. Vijay Jayasena, Department of Nutrition and Food Science, School of Science, Western Sydney University, Australia.
- Prof. Subbarao, Department of Biochemistry, JSS Medical College, JSSAHER, Mysuru.
- Peptomer Therapeutics, BSC BioNEST, RCB, Faridabad.
- Prof. Shashidhar, Department of Pathology, Mysore Medical College and Research, Mysuru.
- Dr. Ravi Sundaresan, Associate Prof. Department of Microbiology and Cell Biology, Indian Institute of Science, Bangalore.

SOCIETAL CONTRIBUTION (COVID-19 MITIGATION)

In coordination with District and CFTRI administration:

- Established the Covid-19 Testing Centre.
- Obtained funds, manpower, infrastructure and consumables for the centre.
- Organized Swab Collection Camps.
- Organized Covid vaccination camps.
- Actively participated in CSIR pan India serosurvey.

FUNDING

- Department of Biotechnology, Govt. of India.
- Science and Engineering Research Board, Department of Science and Technology, Govt. of India
- Council of Scientific and Industrial Research (CSIR), Govt. of India.
- RBI Note Mudrana, Mysore Branch, Mysuru, Govt. of India.
- National Health Mission, Govt. of Karnataka.
- Intramural AIDS Research Fellowship, NCI, NIH. USA.

EDITORIAL BOARD

- Special issue editor, Vaccine, MDPI, Switzerland.
- Lead Guest Editor. Oxidative Medicine and Cell Longevity, Hindawi Limited, UK.
- Guest Associate Editor, Frontiers in Virology. Switzerland.
- Associate editor, Journal of Virology and Current Research, Canada
- The Scientific World Journal: Veterinary Science. Hindawi Limited, UK.
- Technical Editor in "International Journal of Virology", "Trends in Molecular Sciences", "American

Journal of Biochemistry and Molecular Biology", "Research Journal of Veterinary Sciences" -Science Alert, New York, USA.

- Bioscience, Bioengineering and Biotechnology International. Jakraya publications, India.

PROFESSIONAL AFFILIATIONS

- Life Member, Association of Food Scientists & Technologists India (AFSTI), CSIR-CFTRI, Mysuru-present.
- American Society for Virology, USA. 2008-Present.
- The Society of Biological Chemists, India. 2015-present
- Member, CCR-FYI Steering Committee, NIH, Bethesda, USA. 2011-2013.
- European Academy of Allergy and Clinical Immunology (EAACI). Sweden. 2005-present.
- Society for Immunology and Immunopathology (SIIP). India. 2004-present.
- Karnataka Veterinary Council (KVC). India. 2001-present.
- Indian Veterinary Council (IVC). India. 2001-present.
- Indian Society for Veterinary Immunology and Biotechnology (ISVIB). India. 2007-present.

INVITED PRESENTATIONS

International

- **2022:** The 24th International Conference on Frontiers in Yoga Research and its applications. May. 26-29. S-VYASA Deemed to be University, Bengaluru, India. **(Invited-Oral)**
- **2022:** The 9th International Congress of the Society for Ethnopharmacology, India (SFEC-2022). April.22-24. JSSAHER, Mysuru, India. **(Oral)**.
- **2020:** Indo-Swedish Conference. Jan. 6-7. JSSAHER. Mysuru, India. **(Poster)**.
- **2019:** 3rd Asian Conference on Science, Technology & Medicine. Feb. 12-14. Dubai. **(Keynote-Oral)**.
- **2018:** 2nd Asian Conference on Science, Technology & Medicine. March. 20-22. Dubai. **(Oral)**.
- **2016:** 35th Annual Meeting. American Society for Virology. June. 18-22. Virginia. USA. **(Oral)**.
- **2011:** 13th International Conference on malignancies in AIDS and other acquired immunodeficiencies (ICMAOI). Nov. 7-8. NIH. Bethesda, MD. USA. **(Poster)**.
- **2011:** 14th Annual HIV Drug Resistance Programme Think Tank Meeting. April 13. Frederick. MD. USA. **(Oral)**.
- **2011:** CCR-FYI Colloquium. Feb 23-25. Williamsburg. VA. USA. **(Poster)**.
- **2010:** 13th International Workshop on Kaposi's sarcoma Associated-Herpesvirus (KSHV) and Related Agents. Aug.29-Sept.01.Los Angeles, CA. USA. **(Oral)**.
- **2007:** XIII International Congress in Animal Hygiene, June 17-21. Tartu, Estonia. **(Oral)**.
- **2005:** World Allergy Congress, June 26-July 1. Munich. Germany. **(Poster)**.

National

- **2021:** CSIR-Serosurvey. Genomics and Covid-19 appropriate behavior, April. 16. CSIR-CFTRI. Mysuru. **(Webinar)**.
- **2020:** Resource Speaker. "The Intricate relationship between viruses and cancer" St. Joseph's College for Women (A), Nov. 15. Visakhapatnam. **(Webinar)**.
- **2020:** ICFoST-2020. Jan 30-Feb.1. Tezpur University, Tezpur, Assam. **(Poster)**.
- **2020:** 107th Indian Science Congress. Jan 3-7. GKV. Bengaluru. **(Poster)**.

- **2019:** 7th Bioprocessing India Conference, Dec. 14-16. CSIR-CFTRI, Mysuru. **(Poster)**.
- **2019:** Department of Nutrition and Dietetics. Nov. 19. JSS University of Higher Education & Research, Mysuru. **(Oral)**.
- **2019:** National Symposium. April. 27. Department of Biochemistry. Davangere University, Shivagangothri, Davanagere. **(Oral)**.
- **2019:** Department of Biochemistry. May. 17. Sri Devaraj Urs Medical College. Kolar. **(Oral)**.
- **2019:** Department of Studies in Biochemistry. March. 25. Pooja Bhagavat Memorial Mahajana Education Centre. Mysuru. **(Oral)**.
- **2019:** Department of Studies in Genetics and Genomics. Feb. 8. University of Mysore. Mysuru. **(Oral)**.
- **2018:** IFCON 2018. Dec. 15-17. CSIR-CFTRI. Mysuru. **(Oral)**.
- **2018:** National Symposium. Feb. 23-24. JSS Medical College. Mysuru. **(Oral)**.
- **2018:** 8th Ramalingaswami Conclave. Feb. 15-17. NIPGR. New Delhi. **(Oral)**.
- **2017:** XXVI Annual conference & National Symposium of the Society of Animal Physiologists of India (SAPI). Dec. 21-22. Bidar. **(Invited lead paper presentation)**.
- **2017:** Department of Biotechnology. Dec 11. Indian Institute of Technology. Hyderabad. **(Oral)**.
- **2017:** 6th Ramalingaswami Conclave. Jan. 4-6. IISER. Pune. **(Oral)**.
- **2016:** Molecular basis of effects of diabetes on the lung, May. 12. JSS Medical College & Hospital. Mysuru. **(Oral)**.
- **2016:** Advances and challenges in Biological Research (ACBR-2016). March. 17. Kuvempu University, Shimogga. **(Oral)**.
- **2016:** 85th Annual meeting. Society of the Biological Chemists (SBC). Nov. 21-24. CSIR-CFTRI. Mysuru. **(Oral)**.
- **2015:** Department of Animal Biotechnology. July. 13. Indian Veterinary Research Institute (IVRI). Izatnagar. **(Oral)**.
- **2010:** "Animal cell culture techniques". G. B. Pant University of Agriculture & Technology. Jan 27. Institute of Biotechnology. Patwadangar. Nainital. **(Oral)**.
- **2008:** XIV Annual convention of the Indian Society for Veterinary Immunology and Biotechnology (ISVIB). Feb 27-28. Pantnagar. **(Oral)**.
- **2007:** XIII Annual convention of the Indian Society for Veterinary Immunology and Biotechnology (ISVIB). Feb 15-17. Pookot. **(Oral)**.
- **2007:** IV convention of the Society for Immunology and Immunopathology. Feb. Chennai. **(Oral)**.
- **2004:** III convention of the Society for Immunology and Immunopathology. Feb. Agra. **(Poster)**.
- **2004:** XI convention of the Indian Society for Veterinary Immunology and Biotechnology (ISVIB). Nov. Mukteswar. **(Poster)**.

MENTORING

PhD Scholars:

- **2018-2021:** Ms. Janhavi P. AcSIR PhD. **Co-Guide**. CSIR-CFTRI, Mysuru.
- **2020-Present:** Ms. Nirmala G S. **External Guide**. JSS-AHER, Mysuru.
- **2019-Present:** Mr. Siva Dallavalasa. **External Guide**. JSS-AHER, Mysuru.
- **2019-Present:** Ms. Pooja Singh. **External Guide**. JSS-AHER, Mysuru.
- **2019-Present:** Mrs. Navya MP. **External Guide**. JSS-AHER, Mysuru.
- **2019-Present:** Ms. Shalini HD. **External Guide**. JSS-AHER, Mysuru.

- **2017-2022:** Dr. Swetha NK (MBBS. MD). **External Guide.** JSS-AHER, Mysuru.

Master's Students:

- **2022:** Ms. Priya MSc., (Biotechnology). Title: Studies on Global Acetylation and Methylation changes in Type 2 Diabetes. Somaiya Vidyavihar University. Mumbai.
- **2021:** Ms. Anusha K J. MSc., (Food Technology). Title: Nutritional, Sensory, and Microbial Evaluation of Immunity Boosting Nutritional Food Supplement. CSIR-CFTRI, Mysuru.
- **2021:** Neetha Thilosh K. MSc., (Molecular Biology). Title: An Overview on In vitro Immune Functional Assays to Assess the Immune Response. University of Mysore, Mysuru.
- **2020:** Mr. Prem Sagar S. MSc., (Food Technology). Title: Shelf-life studies of Low Glycemic Index Cookies. CSIR-CFTRI, Mysuru.
- **2019:** Ms. Preeti Tyagi. MSc., (Food Technology). Title: Development of Antidiabetic Product and its Evaluation. CSIR-CFTRI, Mysuru.
- **2019:** Ms. Pavitra. (Integrated Nutrition Biology). Title: Nutritional Supplement for Enhancing the Endurance Potential in Animal Model. CSIR-CFTRI, Mysuru.
- **2019:** Ms. Soujanya. (Integrated Nutrition Biology). Title: Studies on the Antiaging Potential of the Dietary Supplement. CSIR-CFTRI, Mysuru.
- **2018:** Ms. Sparsh Verma. MSc., (Biotechnology). Title: Development of Gel-based product for Endurance exercise. Barkhatulla University, Bhopal.
- **2017:** Ms. Bilwashree. MSc., (Food Science). Title: Evaluation of Ginger component Zerumbone for Anti-inflammatory and Anti-diabetic properties by in-vitro studies. JSS University, Mysuru.
- **2017:** Ms. Poojashree. MSc., (Food Science). Title: Evaluation of Ginger component Azaserumbone for Anti-inflammatory and Anti-diabetic properties by in-vitro studies. JSS University, Mysuru.
- **2016:** Ms. Srijana Shekhar. MSc., (Food Science). Title: Impact of Calorie Restriction on Expression levels of Apoptotic and Inflammatory genes in Cells. University of Mysore, Mysuru.

REVIEWER

- Molecular Therapy, Journal of Clinical Microbiology, Virus Research, Virology, Journal, Vaccine, Scientific Reports, Oxidative Medicine and Cellular Longevity, Etc.

CHAPTERS

- Basista R S. and **Ravindra P V.** (2021). The interaction between dietary components, gut microbiome and endurance performance. Contemporary Advances in Sports Science. 191. Edited by Redha Taiar. 10.5772/intechopen.97846.
- Janhavi P. Natasha J. Neelam R and **Ravindra P V.** (2020). Nanotechnology and nutrigenomics. In: Ghorbanpour M, Bhargava P, Varma A, Choudhary D (Eds.). Biogenic Nanoparticles and their use in Agro-ecosystems. Springer. Singapore. 10.1007/978-981-15-2985-6. ISBN: 978-981-15-2984-9.
- **Ravindra P V.** and Girish T.K. (2017). Role of Proteases in Diabetes and Diabetic Complications. In: Chakraborti S., Dhalla N. (eds) Proteases in Physiology and Pathology. Springer, Singapore. https://doi.org/10.1007/978-981-10-2513-6_13. ISBN: 978-981-10-2512-9.
- Ashok K. Tiwari, P K Subudhi and **Ravindra P V.** (2007). "*Gene expression techniques: Gene amplification, cloning, characterization of recombinant clones and in-vitro expression analysis*". A training manual for DBT sponsored short-term training course held from July. 25-Aug.14. Division of Animal Biotechnology, IVRI. Izatnagar. India (Training manual).
- **P V Ravindra.** P K Subudhi and Ashok K Tiwari. (2007). "*Fluorescent antibody techniques (FAT)*". A

chapter in “Molecular Techniques for production of recombinant cytokines and genome analysis in poultry”. A training manual for DBT sponsored short-term training course held from Aug. 18-Sep. 7. Division of Avian Genetics and Breeding. Central Avian Research Institute, Izatnagar. India (Training manual).

- P K Subudhi. **P V Ravindra** and Ashok K Tiwari (2007). *Animal cell culture techniques*. A chapter in “Molecular Techniques for production of recombinant cytokines and genome analysis in poultry”. A training manual for DBT sponsored short-term training course held from Aug 18- Sep 7. Division of Avian Genetics and Breeding. Central Avian Research Institute. Izatnagar. India (Training manual).

GEN ACCESSION NUMBERS

EF051168, EF051169, EF051170, EF051171, EF051175, EF051176, EF210361, EF210360, EF185782, EF185783, EU117548, EU117552, EU117549, EU117554, EU117550, EU117555, EU567072, EU567073, EU567074, EU567075, EU567079, EU567080, EU567081, EU567082, EU118364, EU118362, EU118363, EF057101, EU567076, EU567077, EU567078.

PATENT

- **Ravindra P V.** Janhavi P and Srivastava A K. 2020. Food supplement composition that enhances endurance performance. CSIR-CFTRI, Mysuru. (**Ref: 0021NF2020**).

PROCESS

- **Title: Ravindra. P V.** and Janhavi P. 2019. Process for developing nutritionally and nutraceuticals-enriched gel-based products for endurance exercises.
- **Team members:** Alok Kumar Srivastava. H S Satish. Vijayanand P. Satyendra Rao. Matche R S. Roopa B S. Neelakanteshwar Patil. Velu V. Jayaprakashan S G.

PUBLICATIONS (SELECTED)

- Mishra S, Cosentino C, Tamta A K, Kahn D, Srinivasan S, Ravi V, Abbotto E, Arathi B, Kumar S, Jain A, Ramaian A, Kizkekra S, Rajagopal R, Rao S, Krishna S, Asirvatan-Jeyaraj N, Haggerty E, Kurland I, **Ravindra P V**, Jayavelu T, Bruzzzone S, Mostoslavsky R, Sundaresan N R. Sirtuin 6 inhibition protects against glucocorticoid-induced skeletal muscle atrophy by regulating IGF/PI3K/AKT signalling. **Nature Communications**. 2022. (**Minor Revision**).
- Basista Rabina Sharma and **Ravindra P V**. Modulation of gut microbiota by bioactives for prevention and management of type 2 diabetes. **Biomedicine & Pharmacotherapy**. 2022: 152, 113148 (**Corresponding author**).
- Basista Rabina Sharma and **Ravindra P V**. Immune responses to SARS-CoV-2 infection and Covid-19 vaccines. **Exploration of Immunology**. 2022 (**Corresponding author**). (**Accepted**).
- Ganesh K, Prashanth C, SubbaRao V T, Siva D, Shashidhar H B, SubbaRao V M, **Ravindra P V**. Assessment of clinical profile and treatment outcome in vaccinated and unvaccinated infected patients. **Vaccines**. 2022: 10(7), 1125 (**Corresponding author**).
- Santhinissi A, Madhuri V, Madhumita A, Niharikha M, Manisha L, Shyamkumar G, Manikanta S, Jahnvi C, Akhila K, **Ravindra P V**, and Ravikiran SY. The success of current COVID-19 vaccine strategies vs. the epitope 2 topology of SARS-CoV-2 spike protein-receptor binding do- 3 main (RBD): A computational study of RBD topology to guide to future vaccine design. **Vaccines**. 2022: 10(6), 841 (**Corresponding author**).

- Janhavi P, Sindhoora S, Asha M, **Ravindra P V**, and Muthukumar S P. Phytochemical and functional characterization of different parts of *Garcinia xanthochymus* fruit. **ACS Omega**. 2022: 7, 21172-21182. **(Corresponding author)**.
- Pavithra V, Janhavi P, Natasha J, Neelam R, Mrityunjaya M, Moorthy Karthika Selvi, **Ravindra P V**. A blend of cod liver oil and virgin coconut oil improves the endurance performance in mice. **Sports Sciences for Health**. 2022. **(Minor Revision)**. **(Corresponding author)**.
- Prateek Singh; Rajat Ujjainiya; Satyartha Prakash; Salwa Naushin; Viren Sardana; Nitin Bhatheja; Ajay Pratap Singh; Joydeb Barman; Kartik Kumar; Saurabh Gayali; Raju Khan; Karthik Bharadwaj Tallapaka; Mahesh Anumalla; Amit Lahiri; Susanta Kar; Vivek Bhosale; Mrigank Srivastava; Madhav Nilakanth Mugale; C.P Pandey; Shaziya Khan; Shivani Katiyar; Desh Raj; Sharmeen Ishteyaque; Sonu Khanka; Ankita Rani; Promila; Jyotsna Sharma; Anuradha Seth; Mukul Dutta; Nishant Saurabh; Murugan Veerapandian; Ganesh Venkatachalam; Deepak Bansal; Dinesh Gupta; Prakash M Halami; Muthukumar Serva Peddha; Gopinath M Sundaram; **Ravindra P Veeranna et al**. A machine learning-based approach to determine infection status in recipients of BBV152 (Covaxin) whole virion inactivated SARS-CoV-2 vaccine for serological surveys. **Computers in Biology and Medicine**. 2022.146:105419.
- Mahadeshwara P, Somanna A N, Niveditha A, Deepika U R, Yashika S, Surabhi P G, Forum K B, Basista R S, Deep N S, Shashidhar H B, Prakash M, **Ravindra P V**, 2021. The detection of SARS-CoV-2 in autolysed samples from an exhumed decomposed body: Implications to genome stability and distribution in tissues. **MedRxiv**. 2021. 2 **(Corresponding author)**.
- Salwa Naushin, Viren Sardana, Rajat Ujjainiya, Nitin Bhatheja, Rintu Kutum, Akash Kumar Bhaskar, Shalini Pradhan, Satyartha Prakash, Raju Khan, Birendra Singh Rawat, Karthik Bharadwaj Tallapaka, Mahesh Anumalla, Giriraj Ratan Chandak, Amit Lahiri, Susanta Kar, Shrikant Ramesh Mulay, Madhav Nilakanth Mugale, Mrigank Srivastava, Shaziya Khan, Anjali Srivastava, Bhawana Tomar, Murugan Veerapandian, Ganesh Venkatachalam, Selvamani Raja Vijayakumar, Ajay Agarwal, Dinesh Gupta, Prakash M Halami, Muthukumar Serva Peddha, Gopinath M Sundaram, **Ravindra P Veeranna et al**. Insights from a Pan India sero-epidemiological survey (phenome-India cohort) for SARS-CoV2. **Elife**. 2021: 10, e66537.
- Mrityunjaya M, Pavithra V, Neelam R, Janhavi P, Halami. P M, **Ravindra P V**. Immune-boosting, antioxidant and anti-inflammatory food supplements targeting pathogenesis of COVID-19. **Frontiers in Immunology**. 2020: Oct 7; 11:570122 **(corresponding author)**.
- Aravind S, Mousumi Ray, **PV Ravindra**, Prakash Halami. Role of probiotics to combat viral infections with emphasis on COVID-19. **Applied Microbiology and Biotechnology**. 2020: 104 (19), 8089-8104.
- Padukudru Anand M, Larsson K, Johanson G, Phuleria HC, **Ravindra PV**, Ernstgård L, Mabalirajan U, Krishna M, Palmberg L, Pollitt KJG, Upadhyay S, Ganguly K. Clinical, Epidemiological and Experimental Approaches to Assess Adverse Health Outcomes of Indoor Biomass Smoke Exposure: Conclusions from An Indo-Swedish Workshop in Mysuru, January 2020. **Toxics**. 2020: 8(3), 68.
- Nirupama B, Divyashree, Janhavi P, Muthukumar SP, **Ravindra P V***. Preeclampsia: Pathophysiology and Management. **J Gynecol Obstet Hum Reprod**. 2020: 7,101975 **(Corresponding author)**.
- Janhavi P, Divyashree S, Muthukumar S P and **Ravindra P V**. Nutritional interventions for improving the endurance performance in athletes. **Archives of Physiology and Biochemistry**. 2020: 30 (1), 1-8. **(Corresponding author)**.
- Divyashree S, Janhavi P, **Ravindra P V**, Muthukumar SP. Experimental models of polycystic ovary syndrome: An update. **Life Sciences**. 2019: 15(237), 116911.
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MISCELLANEOUS

- **2005**: Certificate of Appreciation. Hindi debate, Indian Veterinary Research Institute, Izatnagar, India.
- **2004**: Participation in Workshop on "Molecular & Immunological Methods (ELISA, Flow Cytometry, PCR, RFLP, RAPD and Microarrays)". Organized by Society for Immunology and Immunopathology, Central JALMA Institute, Agra, Uttar Pradesh.
- **1999**: Certificate of Appreciation, International Youth Workshop, Shramik Vidyapeeth, Karwar, Karnataka.

HOBBIES

- **Running**: Running and doing fitness exercises are my hobbies. I firmly believe in the saying "Health is Wealth". I am trained for running long-distance races such as marathons (42.195 KM) and half marathons (21.097 KM). So far, I have finished more than 50 half marathons and 7 full marathons.
- **Cricket**: Playing cricket, specialising in wicket keeping and batting.

TEACHING TESTIMONIALS

Arunakumar Gangaplara

Graduate Research Assistant

I know Ravindra P.V., while I was doing my Master's degree at Indian Veterinary Research Institute (2005-2007). He is a very good teacher and communicates effectively with students. He taught us theory and hands on skills in various cellular and molecular biology assays like, cell culture, gene cloning, recombinant protein expression analysis, western blotting, flow cytometry, DNA and RNA isolation from cells. He is a versatile trainer, since he has a thorough knowledge on various concepts of cellular, molecular biology and virology. He always encourages and supports the junior research students in various scientific presentation, microteaching, and scientific writing. Additionally he mentored and constantly given feedback on my Master's research, which was on diagnostic assessment of recombinant proteins. He is one of the best instructors which I have ever seen.

Swati Sharma

Research Fellow at Indian Institute of Technology, Delhi

I feel honoured to write this testimonial for Dr. Ravindra Veeranna. I got an opportunity to work under his supervision during a research internship at Veterinary Biotechnology Division, Indian Veterinary Research Institute, Bareilly; in the year 2007, while I was pursuing my Bachelors degree in Biotechnology. He is one of the best and most dedicated teachers I have ever come across. Apart from supervising my internship project, he taught me various Cell and Molecular biology laboratory techniques, like Flow cytometry, Gel electrophoresis, SDS-PAGE and PCR. Besides teaching the practical techniques he also emphasised on understanding the theoretical concepts in great detail at

every stage during the project. He made sure I understood my project in and out. I still remember how well he explained me to handle FACS machine, since then I never felt the need to read about it in any book. He also played a significant role in developing my scientific writing skills while I was writing my project report, and inspired me to read scientific journals regularly to stay updated about the latest developments in life science. He is a wonderful teacher, and has always been very encouraging and supportive to all his students. I have sought his guidance time and again, in making key career decisions, at various junctures in my career; and he has always been very kind and helpful, and responded back despite of his busy schedules. It is a rarity to find brilliant Scientists like him, with admirable teaching skills, great scientific acumen, excellent command of their subject, and superb presentation skills. His outstanding achievements, hardwork and contribution to cancer and virology research have been recognised by various organisations in India and Abroad. I hope he continues to teach and guide many more students like me to pursue their scientific goals, in the years to come. I wish him all the success in all his future scientific and academic endeavours.

Jagadish Hiremath

Junior Research Fellow at Centre for Cellular and Molecular Biology

Dear Dr. Ravindra, It is indeed great to find you on Linkdin. Hope you remember me from 2004 batch of master student in veterinary biochemistry. Now I am in The Ohio State University pursuing my Ph.D in comparative veterinary medicine. I was fortunate to have you as my wonderful senior and a good teacher. Your teaching abilities were great and orientation towards topic was super. Above all your lecture use to be so organized with easy to follow examples. I and all my classmates enjoyed your class and still remember some of the difficult concept how easily you made us understand. Thanks for all those effort you made towards making us better learnt.

Yogi Rajawat

ORISE Fellow at FDA

As a Master's student at Indian Veterinary Research Institute, I have had pleasure working with Dr. Ravindra for two years (2004-2006). Dr. Ravindra was Senior Research Fellow at the same division in Molecular Biology Laboratory and in this capacity he was very instrumental in training of junior students in the division. Personally, I have benefited from his mentorship and guidance. He taught me basics of cell cultures and techniques in molecular biology including cloning and expression of various genes in prokaryotic and eukaryotic systems. His immense knowledge of virology and immunology helped understanding these subjects to me and many other trainees in the division. I still remember occasions when he will stay late in the evening and deliver class room lecture to make us understand the subject. Along with the class room training, he was very helpful in hands-on training of the various laboratory techniques. His exceptional ability to deliver the knowledge in a way that everybody understands the subject made him stand out in the division. Above all, he was available to me whenever I am facing any difficulty in learning the subject. Dr. Ravindra has knowledge and experience to be an asset to any teaching program for which he is qualified.

Deepak Kumar

Research Associate at Indian Veterinary Research Institute

Dr. Ravindra P Veeranna is known to me since last 10 years as he was our course instructor for Veterinary Biochemistry during DVM. He had the responsibility to take theory as well as laboratory classes for our batch. He was a perfect blend of politeness, sincerity and hard work with a good ability to succinctly explain difficult scientific concepts; which is the most important prerequisite of a good teacher. His excellent communication and presentation skills were helpful in understanding the subject in detail. Moreover, his intelligence, superb teaching ability and affable personality made him very popular among my colleagues. He was always approachable and, whenever, we had any difficulty with the subject matter, he was delighted to explain repeatedly. His comments and suggestions were always positive and aimed at inculcating professional ethics among his students. As a teacher, he always motivated and inspired us to do well and keep progressing. I have no hesitation in stating that he is one of the best teachers I have ever had.

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