

EDITOR-IN-CHIEF

Dr. Prasad S. Koka (prasad.koka@novapublishers.com)

**National Professor & Visiting Scientist of Virology and Immunology
Haffkine Institute for Training Research and Testing, Mumbai, India**

E-mail: kokaprasad005@gmail.com

Featured Scientific Article by Dr. Prasad S. Koka

“Biomarker Discovery and Biotherapeutics Applications of Photosynthetic Light-Harvesting and Bioluminescence Light-Emitting Chromophore-Protein Complexes in Stem Cell Biology and Regenerative Medicine”

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(*SEE EDITOR’S CV BELOW)

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National Heart, Lung, and Blood Institute
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University of Cambridge and Addenbrooke's Hospital
Trauma and Orthopaedic Surgery
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E-mail: wasimkhan@doctors.org.uk

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Harvard Department of Stem Cell and Regenerative Biology
Massachusetts General Hospital
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Email: dscadden@mgh.harvard.edu

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Wayne State University
Detroit, Michigan, USA
E-mail: du2557@wayne.edu

REVIEWERS

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Jie Luo, University of Washington, Seattle, USA

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Xuefeng Qiu, Department of Bioengineering, University of California, Los Angeles, USA

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Lei Teng, Center for Cardiovascular Sciences, Albany Medical College, Albany, USA

Zhixiang Tong, Brigham and Women's Hospital, Harvard Medical School, Boston, USA

Chenran Wang, Department of Cancer Biology, University of Cincinnati, Cincinnati, USA

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Yefei Wen, The University of Texas, Houston, USA

Shaogen Wu, Rutgers the State University of New Jersey, Newark, USA

Yonggang Xie, Department of Neuroscience and Physiology, SUNY Upstate Medical University, Syracuse, USA

Xue Yu, The Scripps Research Institute, La Jolla, USA

Jinyun Yuan, Saint Louis University School of Medicine, St. Louis, USA

Danhua Zhang, University of California, San Diego, USA

Yu Zhang, The J David Gladstone Institutes, University of California, San Francisco, USA

Qingshi (Erik) Zhao, New Jersey Medical School and Rutgers University, Rutgers, USA

Wei Zhao, The Methodist Hospital Research Institute, Houston, USA

Ting Zhou, Weill Cornell Medical College, New York, USA

Fangfang Zhu, Lorry I. Lokey Stem Cell Research Building, Stanford, USA

Zhe Zhu, Cleveland Clinic Foundation, Lerner Research Institute, Cleveland, USA

Jun Zou, Cardiovascular Research Institute, University of California, San Francisco, USA

CURRICULUM VITAE



DR. PRASAD S KOKA, PHD

National Professor & Visiting Scientist of Virology and Immunology
Haffkine Institute for Training Research and Testing, Mumbai, India

Editor-in-Chief, *Journal of Stem Cells*, www.novapublishers.com/JSC
Nova Science Publishers, Hauppauge, New York, United States

Editor-in-Chief, *Stem Cell Biology Research*, www.hoajonline.com/stemcells
Herbert Publications, Bedfordshire, United Kingdom

Honorable Editor, *Journal of Human Virology and Retrovirology*, <http://medcraveonline.com/JHVRV>
MedCrave Group Journals, Edmond, Oklahoma, United States

Honorable Editor, *Hematology & Transfusion International Journal*, <http://medcraveonline.com/HTIJ>
MedCrave Group Journals, Edmond, Oklahoma, United States

Editorial Board, *Current HIV Research*, chivr@benthamscience.org
Bentham Science Publishers, Oak Park, Illinois, United States

Editorial Board, *Molecular Biology and Genetic Engineering*, <http://www.hoajonline.com/molbiolgeneteng>
Herbert Publications, Bedfordshire, United Kingdom

Editorial Board, *Current Research in Stem Cell and Regenerative Medicine*, crscrm@kenkyugroup.co.uk
Kenkyu Publishing Group, Hyderabad, India

Editorial Board, *Indian Journal of Case Reports*
Atharva Scientific Publications, Bhopal, India

Editorial Board, *ARC Journal of Surgery (AJS)*
ARC Publications Pvt Ltd, Ongole, India

TRANSLATIONAL R & D ✦ BIOMEDICAL SCIENCES ✦ STEM CELLS ✦ REGENERATIVE MEDICINE

Applications of mesenchymal stem cells in regenerative medicine: (1) their potential role in the increased half-life of cardiomyocytes, (2) latest technologies of FCXM and HLA matching in organ transplantation, and (3) in the formation or curtailment of cancer stem cells from embryonic stem cells differentiation

Pre-clinical Translational Humanized In Vivo Mouse Model Systems - NOD/SCID-hu Mice (Human Fetal Thymus/Liver Conjoint Organ Growth +/- Autologous CD34 Cell Engrafted), Generation of Cancer Stem Cells using these Chimeric Humanized Mice In Vivo/Ex Vivo and In Vitro, Gene and Drug Therapy for Rescue from Hematopoietic Cell Dysfunction in HIV Infection, Safer and Greater Efficacy Drug for HIV Replication and Rescue of Hematopoiesis, Molecular Factors, Mechanisms and Therapies of Hematological Disorders in HIV Infection and in Mother to Child Transmission of HIV Infection, Host Cellular Factors in HIV Induced Hematological Disorders, Role of microRNA and its characterization in this context

PROFESSIONAL EXPERIENCE

HAFFKINE INSTITUTE FOR TRAINING RESEARCH AND TESTING, MUMBAI, INDIA, 2013 – Present

Professor (2013-Present) and National Professor & Visiting Scientist of Virology and Immunology (2014-Present)
Hematological disorders in HIV infection; Generation and characterization of cancer stem cells in vitro

GENELUX CORPORATION, SAN DIEGO, CALIFORNIA, USA, 2011–2012

Chief Advisor for Stem Cell Biology and Oncolytic Viral Therapy

Targeted delivery of candidate anti-tumor drugs via vaccinia virus recombinants using humanized mouse model systems

MINISTRY OF SCIENCE & TECHNOLOGY, DEPARTMENT OF BIOTECHNOLOGY, NEW DELHI, INDIA, SINCE 2010

Ramalingaswami Fellow and Professor of Integrative Cell Biology (SVYASA University, Bangalore (2010-2012) and Professor of Virology and Immunology, Haffkine Institute, Mumbai (2013-Present)

Isolation of placental cells for role of host factors in HIV mediated indirect effects such as in mother to child transmission of HIV infection – potential role of putative cellular factors – Characterization of cellular host or viral factors in HIV induced hematopoietic inhibition - Government of India funded

AVESTHAGEN PVT LTD, BANGALORE, INDIA, 2007 – 2009

Chief Scientific Officer and Head – Cancer Stem Cells

Directed differentiation of pluripotent stem cells into hepatocytes and their amplification

TORREY PINES INSTITUTE FOR MOLECULAR STUDIES, SAN DIEGO, CALIFORNIA, USA, 2004-2010

Associate Member (“Associate Professor”) and Head of Laboratory of Stem Cell Biology, Division of Immunology, Molecular Genetics and Cell Biology

Role of c-Mpl in HIV-1 induced cytopenias – US NIH R0-1 funded – gene therapy, lentivirus transduction, humanized mice, rescue of hematopoiesis; generation and characterization of cancer stem cells in vivo in humanized severe combined immunodeficient (SCID-hu) mice

DAVID GEFEN SCHOOL OF MEDICINE, UNIVERSITY OF CALIFORNIA, LOS ANGELES, CALIFORNIA, USA, 1989 – 2004

Research Faculty Positions

Associate Researcher, Department of Molecular & Medical Pharmacology, 2002 – 2004

Mechanisms of HIV-1 induced hematopoietic inhibition – California HIV/AIDS Research Program funded – gene targeting in humanized mice

Assistant Research Virologist, Department of Microbiology, Immunology and Molecular Genetics, 2000 – 2002

In vitro tissue culture design for hepatitis C virus and co-culture with HIV-1 – UCLA AIDS Institute funded – work patented

Assistant Research Biologist, Division of Hematology-Oncology, Department of Medicine, 1995 – 2000

Establishment of inhibition of hematopoiesis in HIV-1 infection in vivo in humanized mice and in vitro in cell culture; humanized mice are generated by the transplantation of the thymus/liver tissues under the kidney capsule of the severe combined immunodeficient mice, SCID-hu – Elizabeth Glaser Pediatric AIDS Foundation Scholar Award funded

Assistant Research Neurologist, Department of Neurology, 1992 – 1995

Cytokine secretion by human brain tissue derived microglia and astrocytes following infection with HIV-1 envelope protein gp120/160/41-vaccinia virus recombinants as mechanisms for AIDS dementia – National Institute of Mental Health – NIH funded

Assistant Research Immunologist, Histocompatibility / Immunogenetics Center, Department of Surgery / Pathology, 1989 – 1992

Donor-recipient histocompatibility antigens matching for human organ transplantation – University of California Medical Center Clinical Services funded

DANA FARBER CANCER INSTITUTE, HARVARD MEDICAL SCHOOL, BOSTON, MASSACHUSETTS, USA, 1985 – 1989

Instructor in Pathology, Harvard Medical School, Division of Pediatric Oncology, 1988 – 1989

Research Fellow in Pathology, Harvard Medical School, Divisions of Immunogenetics and Pediatric Oncology, 1985 – 1988

Transcriptional regulation of human CD4 expression by HIV-1 Tat protein; transcriptional regulation of the human T-cell immune response antigens by murine retroviral sequences – Leukemia Society of America Special Fellowship funded

MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT), CAMBRIDGE, MASSACHUSETTS, USA, 1983 – 1985

Postdoctoral Associate, Center for Cancer Research, Department of Biology

Tissue tropism of the Moloney and Friend murine retroviral transcriptional enhancer sequences in causing thymic and erythro leukemias respectively

COLD SPRING HARBOR LABORATORY, COLD SPRING HARBOR, NEW YORK, USA, 1981 – 1983

Postdoctoral Fellow, Bacteriophage Mu (μ) Laboratory

Molecular characterization of the Mu transposition proteins at the genomic and protein levels

BROOKHAVEN NATIONAL LABORATORY, UPTON, NEW YORK, USA, 1979 – 1981

Research Associate, Department of Biology

Involvement of ATP as a cofactor in the DNA repair mechanism of the photoreactivating enzyme of Escherichia coli

UNIVERSITY OF GEORGIA, ATHENS, GEORGIA, USA, 1977 – 1979

Postdoctoral Fellow, Department of Biochemistry and Molecular Biology

Identification and characterization of the light emitter in the bioluminescent bacterium Photobacterium phosphoreum as the riboflavin precursor, 6,7-dimethyl-8-ribityl lumazine, from which riboflavin (vitamin B2) is known to be generated by action of riboflavin synthase

TEXAS TECH UNIVERSITY, LUBBOCK, TEXAS, USA, 1973 – 1977

Doctoral Degree Graduate Student and Part-time Instructor (Biochemistry; General Chemistry; Organic Chemistry)

*PhD degree dissertation produced the characterization of energy transfer and molecular topology of a unique biological fluorescence label, peridinin-chlorophyll *a*-protein (PerCP) from marine dinoflagellates, which has subsequently been used in applications for detection of antigens that is now widely used in flow cytometry (FACS) with PerCP labeled antibody binding to target molecules on the mammalian cell surface – Robert A. Welch Foundation Pre-doctoral Fellowship funded*

UNIVERSITY OF MISSOURI, COLUMBIA, MISSOURI, USA, 1970 – 1973

Master's Degree Graduate Student and Teaching Assistant (General Chemistry; Organic Chemistry)

Master's degree thesis on the photosensitizer properties of flavin mononucleotide and its photoreduction

UNIVERSITY OF MIAMI, CORAL GABLES, FLORIDA, USA, 1969 – 1970

Master's Degree Graduate Student and Teaching Assistant (General Chemistry; Organic Chemistry)

Gaseous phase ultraviolet light photochemistry

ACADEMIA

1977 **PhD** (Major – Biochemistry: Minor - Physical Chemistry: Degree - Doctorate), **Texas Tech University, Lubbock, Texas, USA, 1973-1977**

*Doctoral dissertation dealt with energy transfer from the carotenoid, peridinin, to chlorophyll *a*, in a unique biological fluorescence label, peridinin-chlorophyll *a*-protein (PerCP), for antibodies that is now widely used in flow cytometry for detection of antibody binding to target molecules on the cell surface.*

1973 **AM** (Major - Physical Chemistry: Degree - Master of Arts - Chemistry), **University of Missouri, Columbia, Missouri, USA, 1970-1973**

Master's degree thesis dealt with photoreduction of flavin mononucleotide (FMN)

1969-70 **Master's Degree Graduate Student** (Major - Physical Chemistry), **University of Miami, Coral Gables, Florida, USA**

1967-69 **Master's Degree Graduate Student** (Major - Analytical Chemistry), **Osmania University, Hyderabad, India**

1967 **BSc** (Majors - Chemistry, Physics, Mathematics), Degree - Bachelor of Science, **Osmania University, Hyderabad, India, 1964-1967**

AWARDS / GRANTS

- Ministry of Science & Technology, Department of Biotechnology (DBT), India, since 2010
 - American Society of Hematology Award of Excellence, 2007
 - National Institutes of Health (NIH), National Heart Lung and Blood Institute (NHLBI), USA, 2004 – 2010
 - California HIV/AIDS Research Program (CHRP), USA, 2002 – 2004
 - University of California Los Angeles (UCLA) AIDS Institute, USA, 2000 – 2001
 - Elizabeth Glaser Pediatric AIDS Foundation Scholar, USA, 1996 – 1999
 - National Institutes of Health (NIH), National Institute of Mental Health (NIMH), USA, 1992 – 1995
 - Leukemia Society of America Special Fellow, USA, 1985 – 1987
 - Robert A. Welch Foundation Pre-doctoral Fellow, USA, 1975 – 1977
-

HONORS/COMMITTEES/JOURNALS

- Presided the session on Bioluminescence & Chronobiology, 9th Annual Meeting, American Society for Photobiology, Asilomar, California, 1979
- Selected speaker at the Biannual International Congress on Photobiology, Strasbourg, France, 1980
- Invited speaker at Centre for Cellular and Molecular Biology, Hyderabad, India, 1982
- Invited speaker at National Institute of Immunology, New Delhi, India, 1982
- Invited speaker at Indian Institute of Science, Bangalore, India, 1982
- Selected speaker at the 5th HLA and Histocompatibility Workshop, Les Avants, Switzerland, 1986
- Invited speaker, University of Wisconsin, Madison, USA, 1989
- Invited speaker, National Institutes of Health, Bethesda, Maryland, USA, 1989
- Invited speaker, Hoffman LaRoche, Nutley, New Jersey, USA, 1989
- Invited speaker, University of Tulane Medical Center, New Orleans, Louisiana, USA, 1989
- Invited speaker at Centre for Cellular and Molecular Biology, Hyderabad, India, 1992
- Selected speaker at the Biannual International Congress on Transplantation and Immunogenetics, Paris, France, 1992
- Invited speaker, Louisiana State University Medical Center, New Orleans, USA, 1993
- Invited speaker at M D Anderson Cancer Center, Houston, Texas, 1993
- Plenary Session Speaker at the Annual University of California Los Angeles (UCLA) AIDS Symposium, 1993
- Invited speaker at International Centre for Genetic Engineering and Biotechnology, New Delhi, India, 2003
- Invited speaker at Centre for Cellular and Molecular Biology, Hyderabad, India, 2003
- Honorary Member, International Advisory Council, SVYASA University, Bangalore, India, since 2003
- Editor-in-Chief, *Journal of Stem Cells*, indexed on PubMed/Medline, Nova Science Publishers, New York, since its inception in 2005, Journal Website: www.novapublishers.com
- Reviewer, Scottish Executive Health Department, Edinburgh, United Kingdom, 2005 – 2006
- Reviewer, AIDS Vaccines and Immunology Special Emphasis Panel, Center for Scientific Review, National Institutes of Health, USA, 2006
- Inclusion in the 9th Edition of Marquis Who's who in Science and Engineering, 2006 – 2007
- Reviewed for the *Journal of Clinical Investigation*, 2006
- Member, Peer Review Committee, American Heart Association, Western Review Consortium, 2006 – 2010
- Submitted industrial-academic grant proposals between Avesthagen and University College London (UCL) to SC4SM. SC4SM = Stem Cells for Safer Medicines (UK), 2007
- Member, Organizing Committee, The Stem Cell Partnering Series, Vancouver, British Columbia, Canada, 2007
- American Society of Hematology: Award of Excellence May 1, 2007 for significant contribution to the field of Hematology
- Inclusion in the 62nd Edition of Marquis Who's Who in America, 2008
- Inclusion in the 25th Edition of Marquis Who's Who in the World, 2008
- Reviewed for the journal *Tuberculosis* and *The Journal of Infectious Diseases*, 2008
- Invited to the California HIV/AIDS Research Program (CHRP) stakeholder input meetings as part of their ongoing [strategic planning process](#), San Francisco, CA, 2008
- Member, Advisory Board, The Stem Cell Partnering Series, Vancouver, British Columbia, Canada, 2009
- Session Moderator for the Fostering Business Collaborations Sessions, Stem Cell Partnering Series 2nd Annual Meeting, La Jolla, CA, 2009
- Reviewed for the journals *Acta Hematologica* and *Current HIV Research*, 2010
- Invited to review grants for the Italian Ministry of Health, 2010
- Editorial Board Member, *World Journal of Virology*, Beijing, China, 2011 – 2015
- External reviewer of doctoral dissertation in the field of hematological malignancies for University of Calcutta, India
- Invitation to meet the Karger Publishers CEO, Ms. Gabriella Karger- S. Karger AG, Medical and Scientific Publishers, Basel, Switzerland, 2012
- Reviewer for *International Journal of Yoga (IJOY)*, 2011 – 2012
- Listed in 2012 by BioMedLib (www.BioMedLib.com) as 1 in top 20 Articles published on the same topic. Placental membrane as a source of mesenchymal stem cells. Sundell IB, Koka P. *J Stem Cells*; 2010; 5(2):83-88.
- Standing reviewer for the journal *Current HIV Research* published by Bentham Science Publishers (USA), 2012 – Present
- Chairman, Institutional Committee for Stem Cell Research and Therapy (IC-SCRT at Merisis Therapeutics (DiponEd BioIntelligence LLP, Bangalore), with approval from Indian Council for Medical Research National Apex Committee for Stem Cell Research and Therapy (ICMR NAC-SCRT), 2012 – Present

- Editorial Board Member, *Journal of Sexually Transmitted Diseases*, Hindawi Publishing Corporation, New York, 2012 – Present
- Reviewer for the journal *Human Gene Therapy* published by Mary Ann Liebert Publishers (USA), 2013 – Present
- My/our 2010 paper in *Virology* (doi:10.1016/j.virol.2010.03.005) has been featured in 2013 on the use of CD34 antibodies (clones QBEND/10 and AC136) webpage of The #1 Antibody Resource, http://www.antibodyresource.com/rateproduct/doi/10.1016/j.virol.2010.03.005/pkoka_at_tpims.org
- Reviewed for the *World Journal of Gastroenterology*, 2013
- Invited Continuing Medical Education (CME) lecture at Fortis Hospital, Bangalore, March 2013
- Invitations from the journals, “Hematology and Leukemia” (Herbert Publications, UK); “Virology: Research and Treatment” (Libertas Academica la-press.com); “Virology Discovery” (Herbert Publications, UK); “Immunological Reviews” and “Current HIV Research” (Bentham Science Publishers, USA) to submit manuscripts for publication
- The #1 Antibody Resource: Featured in 2013 my/our 2010 paper in *Virology* (doi:10.1016/j.virol.2010.03.005) on the use of CD38 antibodies (clone IB6) webpage http://www.antibodyresource.com/rateproduct/doi/10.1016/j.virol.2010.03.005/pkoka_at_tpims.org
- Reviewed for the *World Journal of Virology*, 2013
- Re-listed in 2013 by BioMedLib (www.BioMedLib.com) as our paper continues to be 1 in top 20 Articles published on the same topic. Placental membrane as a source of mesenchymal stem cells. Sundell IB, Koka P. *J Stem Cells*; 2010; 5(2):83-88.
- Editorial Board Member, *Current HIV Research*, www.benthamscience.com/chivr Bentham Science Publishers, USA, chivr@benthamscience.org 2013 – Present
- Reviewer for the journal, *Stem Cells International*, Hindawi Publishing Corporation, New York, 2013 – Present
- Consultant on induced pluripotent stem cells (iPSC) for Guidepoint Global, New York, USA
- Invited to review grants for the Italian Ministry of Health, 2013
- Editorial Board Member, for the journal, *Stem Cell Biology and Research*, Herbert Publications, United Kingdom, 2013
- Identified as a leader based on publications in the scientific literature, role in the field and the recommendations of colleagues in the field, by a global management consultancy (whose confidentiality is being maintained but can be communicated), on perceptions of the pharmaceutical industry's medical activities. As health systems seek reform, they were interested in my opinions on the value of non-promotional interactions with the industry, 2013, New Jersey, USA
- Listed in 2013 by BioMedLib (www.BioMedLib.com) as 1 in top 20 Articles published on the same topic. Sundell IB, Cortado RV, Koka PS: Sulfatide--a new candidate for ART treatment in HIV-1 infection. *J Stem Cells*; 2012; 7(1):61-72. PMID: 23550344.
- Editorial Board Member, INTERNATIONAL JOURNAL OF AIDS & ITS RESEARCH (IJAR), Nuclei Online Publishers (NOP), Quincy, Massachusetts, USA, <http://www.nucleionline.org/international-journal-of-aids-its-research/>, 2013 – Present
- Editorial Board Member, for the journal, *Molecular Biology and Genetic Engineering*, Herbert Publications, United Kingdom, 2013 – Present
- Editorial Board Member, for the journal, *Archives of Cytology*, Herbert Publications, United Kingdom, 2013 – Present
- According to [Carina Paraiso](#), Frontiers Editorial Project Manager, (<http://www.frontiersin.org/> and twitter.com/FrontiersIn), Lausanne, Switzerland, our article "Placental membrane as a source of mesenchymal stem cells", published by “Sundell IB and Koka PS” in “Journal of Stem Cells”, highlights content that would be ideal to serve as a foundation for a [Frontiers Research Topic](#) These community-driven article collections provide a forum to promote scientific discussion, and can be updated yearly to incorporate the latest research. Frontiers has partnered with Nature Publishing Group which shares their vision of a researcher-driven open-science platform. Communicated to Dr. Sundell on May 19, 2014.
- Invited Continuing Medical Education (CME) lecture at Bangalore Medical College, Bangalore, June 2014
- Editorial Board Member, Journal, *Stem Cell Biology Research*, Herbert Publications, UK, 2014
- Frontiers, an open-access publishing partner of Nature Publishing Group sought proposals for Frontiers Research Topics, in particular for their section on [Stem Cell Treatments](#) in the journal *Frontiers in Cell and Developmental Biology*, 23 Sep 2014
- Editorial Board Member, Indian Journal of Case Reports, Atharva Scientific Publications, Bhopal, India, 2014 – Present
- Our article [Sundell IB, Cortado RV, Koka PS. Sulfatide ~ a new Candidate for ART treatment in HIV-1 infection. *J Stem Cells* 2012; 7(1): 61-72] was ranked 8th in the top 20 articles of www.WIPIMD.com: Communicated on Oct 16, 2014 <http://sign-up.wipimd.com/urlu8c?srk=efe260f8296d1adaff076ecbce23d1126e58430a836cf77e6c6f95feab817709>

- Editor-in-Chief, *Stem Cell Biology Research*, Herbert Publications, Regd. Off: Bedfordshire, United Kingdom; Editorial Off: Hyderabad, India, 2014 – Present, www.hoajonline.com/stemcells/
 - Editorial Member, *Asian Pacific Journal of Microbiology Research*, Academic Research Publishers, UK, 2014
 - Editorial Board Member, *International Journal of Virology and AIDS*, Lewes, Delaware, USA, 2014 editorialoffice.ijva@clinmedlibrary.com
 - Organizing Committee - Advisory Committee, International Conference on Translational Medicine in 21st Century “Stem Cell Transplantation: Current Status” April 11-14, 2015, Bhopal, India
 - Honorable Editor, *Journal of Human Virology and Retrovirology*, MEDCRAVEONLINE.COM * JHVRV * MedCrave Group, Danforth Road, Edmond, Oklahoma, USA, 2015–Present, medcraveonline.com/JHVRV/editorial-board
 - Our paper “Ligament and Tendon Repair through Regeneration Using Mesenchymal stem cells” (published in “Current stem cell research & therapy.2015 10(1):84-88”) has been selected to be featured in the issue of [World Biomedical Frontiers](#), because of its innovation and potential for significant impact. [World Biomedical Frontiers \[ISSN: 2328-0166\]](#) focuses on cutting-edge biomedical research from around the globe. Their website receives more than 8,000 visits per month from an international audience of academic and industrial researchers and developers, providing greater opportunity for our results to be recognized and appreciated, Year 2015
 - [Frontiers Research Topics](#) noticed that our Review “Adult Mesenchymal Stem Cells and their potency in the Cell-Based Therapy” published in *Journal of Stem Cells* 2013; 8(1): 1-16” published in *Journal of Stem Cells* 2013; 8(1): 1-16 has already received 8 citations as communicated by [Catriona Christodoulou](#) on 10 August 2015 www.frontiersin.org | twitter.com/FrontiersIn Lausanne, Switzerland. Frontiers have pioneered the use of article-level metrics, which allows them to keep an eye on the “rising star” articles — even those of other publishers, which underscores the wide-ranging and growing interest for this work.
 - Editor, *Journal of Virology and Current Research*, Juniper Publishers, Ontario, California, USA, August 2015 – Present, juniperpublishers.com/index.php, virology@juniperpublishers.org, virology@juniperpublishers.us
 - Honorary Life Member, Society of Regenerative Medicine SRMORG.IN 2015
 - Editorial Board Member, *ARC Journal of Surgery (AJS)*, ARC Publications Pvt Ltd, Hyderabad, India, Since November 2015
 - Editorial Board Member, *Kenkyu in Stem Cell and Regenerative Medicine*, Kenkyu Group, Hyderabad, India, Since November 2015, http://www.kenkyuonline.org/Journal_58_Kenkyu-in-Stem-Cell-and-Regenerative-Medicine
 - Adjudicator of PhD dissertation in Biotechnology, Sri Venkateswara Institute of Medical Sciences (SVIMS, TTD) University, Tirupati, India, 2016
 - Invited speaker at Akanksha Hospital & Research Institute (AHRI), Anand, Gujarat, India, July 2016
 - Invited speaker at P D Patel Institute of Applied Sciences, Charotar University of Science & Technology (CHARUSAT), Changa-Anand, Gujarat, India, July 2016
 - Honorable Editor, *Hematology & Transfusion International Journal*, MEDCRAVEONLINE.COM * HTIJ * MedCrave Group, Danforth Road, Edmond, Oklahoma, USA, October 2016 – Present, <http://medcraveonline.com/HTIJ/editorial-board>
 - Invitation to deliver a talk at the “*International Conference on Atomic and Nuclear Physics*” during November 17-18, 2016 at Atlanta, USA
 - Invitation to be the speaker under Video Presentation category at “8th World Congress on Virology” during November 28-30, 2016 at San Antonio, USA. Theme “Exploring Novel Approaches in Virology”
 - Invitation to be Organizing Committee Member at “4th Global Applied Microbiology Summit” during SEP 18-20, 2017 at Dallas, USA. THEME - “One platform to gather world renowned Microbiologists”. Microbiology 2017, PULSUS Medical Meetings. PULSUS - Established in 1984 and headquartered in London, UK, cmesociety.com
 - Invitation to be a Speaker/Delegate, for the conference “Global Summit and Expo on Proteomics”, Valencia, Spain, November 09-11, 2017. This year adopted theme “Translating proteomics technologies from modern Life science”.
 - Invitation as a Speaker in the international quest “3rd World Congress & Expo on Oncology and Radiology” (Oncology & Radiology-2017), December 04-06, 2017, San Francisco, USA. This year adopted theme “Latest Invention and Discoveries in Oncology & Radiology”.
 - EMINENT SPEAKER invitation by PULSUS Group, “4th World Applied Microbiology Summit” during September 18-20, 2017 at San Antonio, Texas, USA.
 - On the behalf of International Association of Advanced Materials (IAAM, www.iaamonline.org), invitation to submit abstracts for the 8th anniversary of Advanced Materials World Congress (AMWC, www.vbripress.com/amwc17), Singapore. The congress will be host on the Strait of Malacca - Conference Center, Mariner of the Seas, Royal Caribbean Cruise Ship, sailing from Singapore - Penang (Malaysia) – Singapore during 04 - 08 February 2018.
 - Invited as an Organizing Committee Member for the International Hematologists Summit (HIS - 2018), May 21-22, 2018 held at Valencia, Spain, <http://www.scientificfederation.com/hematologists-summit-2018/>
-

PATENT

In Vitro Tissue Culture Assay to Screen Potential Drugs for HCV, University of California (UC) Case No. 2001-067-1 (Hepatitis C Virus), approved in February 2007 in USA.

PUBLICATIONS (Chronological Order)

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