

Name: Dr. Raman Gangakhedkar

Position Title: Scientist G & Director-in-Charge,
National AIDS Research Institute,
73,G, MIDC, Bhosari,
Pune , India - 411026

Trainings Completed:

1. **Good Clinical Practice** Course conducted by CITI for HIV Prevention Trial Network completed on 24.07.2016 & **valid until 24.07.2019.**
2. **Human Subject Protection** Course conducted by CITI for HIV Prevention Trial Network completed on 24.07.2016 & **valid until 24.07.2018.**

Position & Honors

- Merit Award, HIV Congress 2016

Fellowships Awarded

1. ICMR Fellowship for a training entitled “**Controlled Clinical Trials**” at the Institute for Research in Medical Statistics, Chennai between March 17 & 27, 1997.
2. FXB Fellowship, Francoise Xavier Bagnoud Foundation, Switzerland; for training on **Clinical Management of Pediatric AIDS** at the National Pediatric HIV Resource Center, Newark, USA from 28th May to July 1st 1996.
3. Fogarty Fellowship, National Institutes of Health, USA for doing **Master of Public Health (MPH)** at the Johns Hopkins University, Baltimore, USA from July 1995 to May 1996.

Orations

1. Dr. Jagjit Singh Hans Oration at the 13th World Congress & 21st National Conference of the National Association of Reproductive & Child Health in India (NARCHI) in Jaipur, 2016
2. Dr. Suniti Solomon Oration in HIVe 2015 in Mysore on December 19, 2015.
3. Prof. K.Ramamoorthy Oration in HIV Congress 2012 in Mumbai on March 18, 2012.
4. Dr.Rajiv and Dr. Sanjiv Warhadpande Memorial Oration at the Academy of Medical Sciences, Nagpur on January 30, 2000.

A. Other Experience and Professional Memberships

a. Professional Bodies

- Member, Speciality Group, Technical Advisory Committee, Medical Technology Assessment Board, Department of Health Research, MOHFW, Government of India. 2017-20.
- Member, Subject Expert Committee on Antimicrobial & Antiviral drugs constituted by the Drug Controller General of India. 2017-
- Chairman, Ethics Committee & Stem Cell Research Ethics Committee, National Centre for Cell Science, Pune 2016-
- Member, Research Advisory Committee, Symbiosis Institute of Health Sciences, Symbiosis International University, Pune. 2016-
- Member, National Research Advisory Committee, PrEP demonstration Project, Durbar Mahila Samnvaya Committee, Kolkata
- Member, Institutional Committee for Stem Cell Research (IC-SCR), Symbiosis School of Biomedical Sciences, Pune. 2015-
- Member, Research and Recognition Committee, Faculty of Health & Biomedical Sciences, Symbiosis Centre for Research & Innovation, Symbiosis International University, Pune. 2015- to date
- Member, Armed Forces Medical Research Committee. 2015- to date
- Member, Academic Committee, SOSVA Training & Promotion Institute, Pune – 2014 to date
- Member, Advisory Board for Expert Panel on HIV in Children, Mumbai – 2013 to date
- Member, Governing Council, AIDS Society of India – 2013 to date
- Chairman, Ethics Committee, PRAYAS, Pune, 2011 to date
- Member, National Advisory Board, HIV Medicine Association of India. 2011- to date
- Member, Ethics Committee, Durbar Mahila Sangha, Sonagachi, Kolkata. 2007-2014
- Life Member, India Clinical Epidemiology Network (IndiaCLEN)
- Expert, Knowledge Management Services, Saksham Project, GFATM Round 7, Tata Institute of Social Science, Mumbai 2011 – 2015
- Member, Governing Council, AIDS Society of India. 2001- 2010
- Ex-Vice President, AIDS Society of India, 2003-2006
- Technical Advisor, Lawyers Collective, Mumbai until 2007.
- Member, Board of Studies in Medicine, Bharati Vidyapeeth, Autonomous Deemed Medical University, Pune since 1999-2005
- Member, Governing Board of Lokmanya Medical Research Centre, Pimpri, Pune since 1999

b. National Expert Groups

- Member, Technical Resource Group on Research & Development constituted by the National AIDS Control Organisation, 2017 -
- Member, Technical Resource Group on MSM constituted by the National AIDS Control Organisation – 2016- to date
- Chairperson, Technical Resource Group, Lab services constituted by the National AIDS Control Organisation – 2015- to date
- Member, Technical Resource Group, HIV Estimation, constituted by the National AIDS Control Organisation – 2015 to date

- Member, Technical Resource Group, Prevention of Parent to Child Transmission, constituted by the National AIDS Control Organisation – 2015-16
- Member, National Tuberculosis Working Group (NTWG), constituted by the National AIDS Control Organisation – 2015 to date
- Mentor, National Data Analysis Plan, NACO -2014
- Member, sub-committee to revise National Guidelines on Management of Sexually Transmitted Infections, constituted by the National AIDS Control Organisation, 2012
- Member, Technical Resource Group, Antiretroviral Therapy, constituted by the National AIDS Control Organisation – 2011 to date
- Special Invitee, Working Group on Care and Support, NACO, NACP Phase IV. 2011
- Member, Working Group on Sexually Transmitted Disease, NACO, NACP Phase IV. 2011
- Member, Working Group on PPTCT, NACO for designing NACP Phase IV. 2011
- Member, Technical Resource Group, Sexually Transmitted Disease, constituted by the National AIDS Control Organisation – 2010 to date
- Member, Technical Resource Group, RCC-PACT (GFATM Round VII), Population Foundation of India, New Delhi 2010 to date
- Member, Technical Advisory Committee on Prevention of Parent-to-Child Transmission and Care & Support National AIDS Control Organisation (NACO)- 2007
- Member, Core Group, 3 by 5 initiative, WHO, SEARO, New Delhi, 2004
- Member, Technical Committee on the review State AIDS Control Societies, NACO, 2004.
- Member, Technical Advisory Group, HIV/STI Prevention and Care Research Programme-India, Population Council, India, 2001-04
- Co-ordinator, Technical Resource Group on Research & Development constituted by the National AIDS Control Organization between June 2000-2002
- Member, Project Consultative Committee (PCG) constituted by Family Health International, USAID, Government of Maharashtra and IMRB for STD Clinics- Health Facility Surveys between 1999-00.
- Member, Technical Resource Groups on: “*Women, Child and AIDS*” & “*Research & Development in HIV/AIDS*”, NACO between 1998-2000.
- Member, National Resource Team to develop Project Implementation Plan for the National AIDS Control Programme Phase II in 1998.
- Member, Protocol Development Team, “*Feasibility of AZT & Nevirapine Prophylaxis Study*” sponsored by NACO, 1998-2000.
- Co-opted member, Expert Committee Meeting on “*Antiretroviral Drugs*” of the Indian Council of Medical Research, New Delhi, 15th October 1997.
- Member, Apex Committee for AIDS Prevention and Control, Maharashtra State chaired by His Excellency Governor of Maharashtra and their sub-committee's on: *Hospital Infection Control and HIV prevention & control in Urban Slums*, 1996-2000.
- Expert, AIDS IEC Task Force, Maharashtra State, 1996.

- Member, Expert Group on AIDS Policy of Catholic Hospital Association of India, 1993-94.
- Expert, Evaluation Group on Training Manual for Department of Youth Affairs, Govt. of India's "*Universities Talk AIDS*" Project Phase II. Jan.1993.
- Member, Hospital Infection Control Committee, Directorate of Health Services, Maharashtra State, 1992.

B. Indian Council of Medical Research

- Member, Scientific Advisory Committee, National Institute of Medical Statistics, New Delhi – 2016 – to date
- Member, Joint Working Group, Sun Pharmaceutical & ICMR. 2016 – to date
- Member, Scientific Advisory Committee, National Institute for Research in Reproductive Health since 2016 – to date.
- Member, Steering Committee on Multipurpose Prevention Technologies, ICMR, 2014- to date
- Member, Advisory Group, Implementation Research, ICMR, 2012- to date
- Member, Project Review Committee on proposals received from Human Reproduction Research Centres. 2012- to date
- Member of Project Review Committee on Female Genital Tuberculosis from 2011 to date
- Reviewer, Short-term Studentship Program, 2011 -2014
- Member, Project Review Committee on "Strengthening linkages between SRH and HIV" 2010- to date
- Member, Project Review Committee on "HIV/AIDS & Sexually Transmitted Diseases (STDs)" from 2008- to date
- Member of the Project Review Group on Pediatric HIV. 2010 to date
- Member, Project Review Committee on Indo-US proposals on HIV/AIDS & STIs from 2008- to date

International Bodies

- Member, IMPT Network of Experts – 2014 – to date
- Member, End-organ Disease and Inflammation Transformative Science Group (ITSG) of the AIDS Clinical Trials Group (ACTG), NIH, USA July 2012- November 2014
- Member, Regional Advisory Panel for Asia & Pacific constituted by the Department of Reproductive Health & Research, World Health Organisation, Geneva – 2006 – 2015
- Member, Experimental Therapeutics Research Advisory Committee, AIDS Clinical Trial Group (ACTG), NIH, USA 2005-06.
- Member, Scientific Advisory Board, Global AIDS Policy Project, Harvard Medical School, USA 2006-2012
- Honorary Member, International Association of Physicians in AIDS Care (IAPAC), USA
- Member, International Sexually Transmitted Diseases Working Group, Family Health International, USA since July 2000-2002.

Professional experience with UN Agencies

- Temporary Advisor, WHO (SEARO), New Delhi, Regional Workshop on Development of Framework on addressing HIV/AIDS in the context of Universal Health Coverage (UHC) by the World Health Organisation, (SEARO) between June 1-3, 2015 at New Delhi
- Member, Regional Advisory Panel for Asia & the Pacific, WHO, Geneva, Eleventh meeting of the Regional Advisory Panel for Asia & the Pacific for Sexually Transmitted Infections organized by the World Health Organisation, Geneva between March 26-28, 2012 at Hua Hin, Thailand
- Member, Regional Advisory Panel for Asia & the Pacific, WHO, Geneva, Eleventh meeting of the Regional Advisory Panel for Asia & the Pacific for Sexually Transmitted Infections organized by the World Health Organisation, Geneva between March 8-12, 2010 at Seam Reap, Cambodia
- Member, Regional Advisory Panel for Asia & the Pacific, WHO, Geneva, Eleventh meeting of the Regional Advisory Panel for Asia & the Pacific for Sexually Transmitted Infections organized by the World Health Organisation, Geneva between March 11-13, 2009 at Bali, Indonesia
- Temporary Advisor, WHO, Geneva, Tenth meeting of the Regional Advisory Panel for Asia & the Pacific for Sexually Transmitted Infections organized by the World Health Organisation, Geneva between February 27-29, 2008 at Kuala Lumpur, Malaysia
- Temporary Advisor, WHO-UNFPA Strategic Partnership Programme-Implementation Review and Planning Workshop for Countries of Intensified Focus (CIF) in Asia and the Pacific Region between March 12-16, 2007 at Yangon, Myanmar.
- Temporary Advisor, WHO, Geneva, Expert Consensus meeting on use of ARV for treating pregnant women and preventing HIV infection in infants and young children organized by WHO between May 18-19, 2006 at Geneva, Switzerland
- Temporary Advisor, WHO-UNFPA Strategic Partnership Programme- Implementation Review and Planning Workshop for Countries of Intensified Focus (CIF) in Asia and the Pacific Region between April 24-27, 2006 at Bangkok, Thailand
- Temporary Advisor, South-East Asia Regional Workshop on Family Planning, STI and Skilled Birth Attendance and Regional Consultation for the Development of the Global Strategy for the Prevention & Control of STI's between August 2-6th, 2004 at Colombo, Sri Lanka
- Temporary Advisor, WHO, Meeting - "*Revision of AIDS Case Definition*" between June 16-18, 2004 at Saas Fee, Switzerland
- Temporary Advisor, UNICEF on PMTCT from October 1, 2002 to January 2003
- Temporary Advisor, UNFPA, Bangladesh between December 14-22, 2002
- Temporary Advisor, UNAIDS, for a meeting on "*Impact of HAART during pregnancy and breastfeeding on MTCT and mother's health research group*" organized by World Health Organization at Geneva on December 3-4, 2001.
- Temporary Advisor, UNAIDS, "*Communication & Public Information Issues on HIV Vaccine Trials*", Geneva, 1-3 March 1999.

C. List of Publications (in reverse chronological order)

82. Karade SK, Kulkarni SS, Ghate MV, Patil AA, Londhe R, Salvi SP, Kadam DB, Joshi RK, Rewari BB, **Gangakhedkar RR**. *Antiretroviral resistance following immunological monitoring in a resource-limited setting of western India: A cross-sectional study*. PLoS One. 2017 Aug 1;12(8):e0181889. doi: 10.1371/journal.pone.0181889. eCollection 2017. PMID: 28763465
81. Smita Kulkarni, Sushama Jadhav, Priyanka Khopkar, Suvarna Sane, Rajkumar Londhe, Vaishali Chimanpure, Veronica Dhilpe, Rajendra Yelgate, Narayan Panchal, Girish Rahane, Dilip Kadam, Nitin Gaikwad, Bharat Rewari, **Raman Gangakhedkar**. *GeneXpert HIV-1 quant assay, a new tool for scale up of viral load monitoring in the success of ART programme in India*. BMC Infectious Diseases 2017 17:506. DOI: 10.1186/s12879-017-2604-5
80. Singh H, Lata S, Nema V, Samani D, Ghate M, **Gangakhedkar RR**. *CYP1A1m1 and CYP2C9*2 and *3 polymorphism and risk to develop ARV-associated hepatotoxicity and its severity*. APMIS. 2017 Apr 3. doi: 10.1111/apm.12683. [Epub ahead of print]
79. Saxena V, Bichare S, Singh D, Ghate M, Godbole S, Kulkarni SS, **Gangakhedkar RR**, Paranjape RS, Thakar M. *Low immune activation is associated with higher frequencies of central memory T cell subset in a cohort of Indian long term non-progressors*. AIDS Res Hum Retroviruses. 2016 Dec 30. doi: 10.1089/AID.2016.0210. [Epub ahead of print]
78. **R.R. Gangakhedkar**. *Editorial: Ending AIDS: The 90-90-90 Strategy*. Med J Armed Forces India. 2017;73:3-4.
77. Karade SK, Ghate MV, Chaturbhuj DN, Kadam DB, Shankar S, Gaikwad N, Gurav S, Joshi R, Sane SS, Kulkarni SS, Kurle SN, Paranjape RS, Rewari BB, **Gangakhedkar RR**. *Cross-sectional study of virological failure and multinucleoside reverse transcriptase inhibitor resistance at 12 months of antiretroviral therapy in Western India*. Medicine (Baltimore). 2016 Sep;95(37):e4886. doi: 10.1097/MD.0000000000004886. PMID: 27631260
76. Parchure, R.; Kulkarni, V.; **Gangakhedkar, R.**; Swaminathan, S. *Treatment outcomes of daily anti-tuberculosis treatment in HIV-infected patients seeking care at a private clinic in India*. **Int J Tuberc Lung Dis** Volume 20, Number 10, 1 October 2016, pp. 1348-1353(6).
75. Singh H, Marathe SD, Nema V, Ghate MV, **Gangakhedkar RR**. *Genetic variation of MMP-2(-735 C > T) and MMP-9(-1562 C > T) gene in risk of development of HAND and severity of HAND*. J Gene Med. 2016 Aug 23. doi: 10.1002/jgm.2897. [Epub ahead of print]
74. Singh H, Marathe SD, Nain S, Nema V, Angadi M, Bapat SS, Ghate MV, **Gangakhedkar RR**. *Impact of variants of MMP-7(-181A>G) gene in susceptibility to the development of HIV-associated neurocognitive disorder and its severity*. APMIS. 2016 Aug 19. doi: 10.1111/apm.12594. [Epub ahead of print]
73. Singh H, Marathe SD, Nain S, Nema V, Ghate MV, **Gangakhedkar RR**. *APOBEC3B deletion impacts on susceptibility to acquire HIV-1 and its advancement among individuals in western India*. APMIS. 2016 Aug 15. doi: 10.1111/apm.12578
72. Singh H, Marathe S, Nain S, Nema V, Angadi M, Bapat S, Pawar J, Ghate M, Sahay S, **Gangakhedkar RR**. *Coding region variant 186H/R in Exon 4 of APOBEC3G among individuals of Western India*. APMIS. 2016 May; 124: 401-05. PMID:26853443
71. Karade S, Patil AA, Ghate M, Kulkarni SS, Kurle SN, Risbud AR, Rewari BB, **Gangakhedkar RR**. *Limited HIV Pre-treatment Drug Resistance (PDR) Among Adults Attending Free Antiretroviral Therapy (ART) Clinic of Pune, India*. AIDS Res Hum Retroviruses. 2016, April; 32:377-80.
70. Singh HO, Lata S, Angadi M, Bapat S, Pawar J, Nema V, Ghate MV, Sahay S, **Gangakhedkar RR**. *Impact of GSTM1, GSTT1 and GSTP1 gene polymorphism and risk of ARV-associated hepatotoxicity in HIV-infected individuals and its modulation*. Pharmacogenomics J. 2015 Dec 15. doi: 10.1038/tpj.2015.88. [Epub ahead of print]
69. Smita Joshi, Vinay Kulkarni, **Raman Gangakhedkar**, Rengaswamy Sankaranarayan. *Are we missing opportunities to prevent cervical cancer in HIV infected women in India?* Ind J Med Res 2015; 142: 610-13.

68. Manisha Ghate, Dileep Kadam, Nitin Gaikwad, Subramanian Shankar, Shraddha Gurav, Girish Rahane, Sukarma Tanwar, Bharat Rewari, **Raman Gangakhedkar**. *HIV drug-resistance early-warning indicators and quality care in Pune, India*. WHO South-East Asia Journal of Public Health; July-Dec 2015; 4 (2):123-29.
67. Manisha V. Ghate, Dileep B. Kadam, Neelam Gurav, Bharat B. Rewari & **Raman Gangakhedkar**. *Hypersensitivity Reactions in HIV Infected Individuals after Substitution of Antiretroviral Drug Regimen : Need for Pharmacovigilance in the National Program*. JAPI. 2015 Vol. 63, (October):94-95.
66. Kenneth H. Mayer, **Raman Gangakhedkar**, Murugesan Sivasubramanian, Katie B. Biello, Nadia Abuelezam, Sandeep Mane, Arun Risbud, Vivek Anand, Steven Safren, Mathew Mimiaga. *Differing identities, but comparably high HIV and bacterial sexually transmitted disease burdens, among married and unmarried men who have sex with men in Mumbai, India*. Sex Transm Dis 2015 Nov.; 42:629-33. PMID 26462187.
65. Karade S, Pandey S, Gianchandani S, Kurle SN, Ghate M, Gaikwad NS, Rewari BB, **Gangakhedkar RR**. *Near Full-Length Genomic Characterization of a Novel CRF 01_AE/C Recombinant from Western India*. AIDS Res Hum Retroviruses. 2015 Dec 31; 1269-73.
64. Smita Joshi, Vinay Kulkarni, **Raman Gangakhedkar**, Uma Mahajan, Devendra Shirole & Nomita Chandhiok. *Cost-effectiveness of a repeat HIV test in pregnancy in India*. BMJ Open 2015; 5;6 e006718 doi:10.1136/bmjopen-2014-006718.
63. Shrikanth M, Arun Kumar A, **Raman Gangakhedkar**. *Oral health status and treatment needs of institutionalized HIV positive and non-HIV positive children and adolescents between 3 to 17 years of age in Pune Maharashtra, India: A comparative study*. Int J of Oral Care & Res. 2015; 3: 93-99.
62. Mallika Alexander, Shubhangi Kalgutkar, Arun R Risbud, **Raman R. Gangakhedkar**. *Severe hypersensitivity reaction following Lugol's Iodine application to uterine cervix for Schiller's test for cervical cancer screening: A case report*. Research 2015; 2:1316
61. Ritu Parchure, Vinay Kulkarni, Sanjeevani Kulkarni, **Raman Gangakhedkar**. *Pattern of linkage and retention in HIV care continuum among patients attending referral HIV care clinic in private sector in India*. AIDS Care 2015; 27 (6): 716-22.
60. Patel P, Ansari M, Bapat S, Thakar M, **Gangakhedkar R**, Jameel S. *The microRNA miR-29a is associated with human immunodeficiency virus latency*. Retrovirology. 2014 Dec 9;11(1):108. [Epub ahead of print]. PMID: 25486977.
59. Mahajan SD, Gaekwad A, Pawar J, Tripathy S, Ghate M, Bhattacharya J, Singh HO, Schwartz SA, Paranjape R, **Gangakhedkar R**. *Cardiac Morbidity in an HIV-1 Lipodystrophy Patient Cohort Expressing the TNF- α -238 G/A Single Nucleotide Gene Polymorphism*. Curr HIV Res. 2014 Dec 2. [Epub ahead of print]
58. Ghate M, Zirpe S, Gurav N, Paranjape R, Rewari B, and **Gangakhedkar R**. *Transfer out Patients Receiving Antiretroviral Therapy from Programme Clinic: A Potential "Leak" in the HIV Treatment Cascade*. World Journal of AIDS, 2014; 4:382-386
57. Supriya D. Mahajan, Srikanth Tripathy, Jayanta Bhattacharya, Asmita Gaekwad, Jyoti Pawar, Manisha Ghate, Ramesh Paranjape, **Raman Gangakhedkar**. *Antiretroviral Therapy and Genetic Predisposition: Co-factors Contributing to The Lipodystrophy Syndrome*. **J AIDS HIV Res** DOI: 10.5897/JAHR2014.0298[Article Number: D045DA547184]
56. Manisha V. Ghate, Sunil S. Zirpe, Nilam P. Gurav, Bharat B. Rewari, **Raman R. Gangakhedkar**, Ramesh S. Paranjape. *Retention of antiretroviral naïve patients registered in HIV care in a program clinic in Pune, India*. Ind J STDs & AIDS 2014, 35; Vol 2:124-28.
55. Closson EF, Sivasubramanian M, Mayer KH, Srivastava A, Safren SA, Anand VR, **Gangakhedkar R**, Mimiaga MJ. *The other side of the bridge: exploring the sexual relationships of men who have sex with men and their female partners in Mumbai, India*. Cult Health Sex. 2014 May 12:1-12.

54. Narayanan P, Das A, Morineau G, Prabhakar P, Deshpande GR, **Gangakhedkar R**, Risbud A. An exploration of elevated HIV and STI risk among male sex workers from India. *BMC Public Health*. 2013 Nov 9;13(1):1059. [Epub ahead of print]
53. Chandhiok N, Joshi SN, **Gangakhedkar R**. Acceptability of oral and topical HIV chemoprophylaxis in India: implications for at-risk women and men who have sex with men. *Sex Health*. 2013 Oct 11. doi: 10.1071/SH13067. [Epub ahead of print]
52. Manisha Ghate, Srikanth Tripathy, **Raman Gangakhedkar**, Madhuri Thakar, B. Rewari, Ramesh Paranjape. Use of first line Antiretroviral Therapy from A Free ART Programme Clinic in Pune, India – A Preliminary Report. *Indian J Med Res*. 2013;137: 942-949
51. Mothi SN, Swamy VH, Lala MM, Karpagam S, **Gangakhedkar RR**. *Adolescents Living with HIV in India-The Clock is Ticking*. *Ind J Pediatr*. 2012 Nov 13 epub.
50. Anjana Das, Anupam Khungar Pathni, Prakash Narayanan, Bitra George, Guy Morineau, Tobi Saidel, Parimi Prabhakar, Gururaj Rao Deshpande, **Raman Gangakhedkar**, Sanjay Mehendale, Arun Risbud. *High Rates of Reinfection and Incidence of Bacterial Sexually Transmitted Infections in A Cohort of Female Sex Workers From Two Indian Cities: Need For Different STI Control Strategies?*. *Sex Transm Infect* 2012, 0; 0-6.
49. Prakash Narayan, Anjana Das, Parimi Prabhakar, Anup Gurung, Guy Morineau, Gururaj Rao, **Raman Gangakhedkar**, Arun Risbud. *Self-identity, Sexual Practices and Sexually Transmitted Infections among High-risk Men who Have sex with Men Attending Clinics in Urban India*. *J AIDS Clinic Res* 2012, 51 e-pub S1-011.
48. Sahastrabudhe S, Gupta A, Stuart E, Godbole S, Ghate M, Sahay S, **Gangakhedkar R**, Risbud A, Divekar A, Bollinger R, Mehendale S. *Sexually Transmitted Infections and Risk Behaviors Among Transgender persons (Hijras) of Pune, India*. *J Acquir Immune Defic Syndr*. 2012;59:72-28.
47. Shete A, Thakar M, Singh DP, **Gangakhedkar RR**, Gaikwad A, Pawar J, Paranjape RS. *HIV antigen specific reactivation of HIV infection from cellular reservoirs: Implications in the settings of therapeutic vaccinations*. *AIDS Res Hum Retroviruses*. 2012;28:835-43.
46. Das A, Prabhakar P, Narayanan P, Neilsen G, Wi T, Kumta S, Rao G, **Gangakhedkar R**, Risbud A. *Prevalence and Assessment of Clinical Management of Sexually Transmitted Infections among Female Sex Workers in Two Cities of India*. *Infect Dis Obstet Gynecol*. 2011;2011:494769.
45. Firhaber C, Smeaton L, Saukila N, Flanigan T, **Gangakhedkar R**, Kumwenda J, La Rosa A, Kumarasamy N, De Gruttola V, Hakim JG, Campbell TB. *Comparisons of anemia, thrombocytopenia, and neutropenia at initiation of HIV antiretroviral therapy in Africa, Asia, and the Americas*. *Int J Infect Dis*. 2010; 14:1088-92.
44. Kulkarni S, Tripathy S, **Gangakhedkar R**, Jadhav S, Agnihotri K, Sane S, Bollinger R, Paranjape R. *Neutralizing antibody responses in recent seroconverters with HIV1 subtype C infections in India*. *AIDS Res Hum Retroviruses* 2008;24:1159-66.
43. Harjot Kaur Singh, Amita Gupta, George Kelly Siberry, Nikhil Gupte, Jayagowri Sastry, Arti Kinikar, Ira Shah, **Raman R. Gangakhedkar**, Robert C Bollinger, Vinay Kulkarni. *The Indian Pediatric HIV Epidemic*. *Curr HIV Res* 2008; 6:419-32.
42. Sanjay Pujari, Atul Patel, Shashank Joshi, **Raman Gangakhedkar**, N Kumarasamy and SB Gupta for Expert Panel 2008. *Guidelines for Use of Antiretroviral Therapy for HIV infected Individuals in India (ART Guidelines 2008)*. *J Assoc Physicians India* 2008; 56:339-72.
41. Mehendale SM, Gupte N, Paranjape RS, Brahme RG, Kohli R, Joglekar N, Godbole SN, Ghate MV, Sahay S, Kumar BK, **Gangakhedkar RR**, Risbud AR, Brookemeyer RS, Bollinger RC. *Declining HIV incidence among patients attending sexually transmitted infection clinics in Pune, India*. *J Acquir Immune Defic Syndr*. 2007; 45: 564-69.
40. Kurle SN, **Gangakhedkar RR**, Sen S, Hayatnagarkar SS, Tripathy SP, Paranjape RS. *Emergence of NNRTI drug resistance mutations after single dose Nevirapine exposure in HIV-1 C subtype infected infants in India*. *AIDS Res Hum Retroviruses* 2007; 23: 682-85.
39. Nomita Chandhiok & **RR Gangakhedkar**. *The New Evidence on Male Circumcision: An Indian Perspective*. *Reprod Health Matters*. 2007;15:53-56.
38. Gupta A, Mehta S, Godbole SV, Sahay S, Walshe L, Reynolds SJ, Ghate M, **Gangakhedkar RR**, Divekar AD, Risbud AR, Mehendale SM, Bollinger RC. *Same-sex behaviour and high rates of*

- HIV among men attending sexually transmitted infection's clinics in Pune, India (1993-2002)*. J Acquir Immune Defic Syndr . 2006; 43: 483-490.
37. Reynolds SJ, Risbud AR, Shepherd ME, Rompalo AM, Ghate MV, Godbole SV, Joshi SN, Divekar AD, **Gangakhedkar RR**, Bollinger RC, Mehendale SM. *High rates of syphilis among STI patients are contributing to the spread of HIV-1 in India*. Sex Transm Infect 2006; 82:121-26.
 36. Ghate MV, Tripathy SP, Kumar BK, Godbole SV, Chittake A, Nyayanirgune P, **Gangakhedkar RR**, Divekar AD, Thakar MR, Risbud AR, Bollinger RC, Mehendale SM. *Rate of hospitalization and in-patient care costs for HIV-1 infected patients in Pune, India*. Natl Med J India 2006; 19: 10-14.
 35. Mehendale SM, Ghate MV, Kishore Kumar B, Sahay S, Gamble TR, Godbole SV, Thakar MR, Kulkarni SS, Gupta A, **Gangakhedkar RR**, Divekar AD, Risbud AR, Paranjape RS, Bollinger RB. *Low HIV-1 incidence among married sero-discordant couples in Pune, India*. J Acquir Immune Defic Syndr 2006; 41:371-73.
 34. Mukherjee MB, Surve RR, **Gangakhedkar RR**, Mohanty D, Colah RB. *Hemoglobin Sickle D Pujab- A case report*. Ind J Hum Genet 2005; 11: 154-55.
 33. Gupta SB, Pujari SN, Joshi SR, Patel AK, Cooper D, Nadler JP, **Gangakhedkar RR**, Kumarasamy N, Panel Members. *API consensus guidelines for use of antiretroviral therapy in adults (API-ART guidelines) endorsed by the AIDS Society of India*. J Assoc Physicians India 2006; 54:57-74.
 32. Brahme R, Mehta S, Sahay S, Joglekar N, Ghate M, Joshi S, **Gangakhedkar R**, Risbud A, Bollinger R, Mehendale S. *Correlates and trend of HIV prevalence among female sex workers attending sexually transmitted disease clinics in Pune, India (1993-2002)* J Acquir Immune Defic Syndr. 2006 Jan 1; 41 (1):107-13.
 31. Kulkarni S, Tripathy S, Agnihotri K, Jatkar N, Jadhav S, Umakanth W, Dhande K, Tondare P, **Gangakhedkar R**, Paranjape R. *Indian primary HIV-2 isolates and relationship between V3 genotype, biological phenotype and coreceptor usage*. Virology 2005;337:68-75.
 30. RG.Brahme, S Sahay, R Malhotra-Kohli, AD Divekar, **RR Gangakhedkar**, AP Parkhe, MP Kharat, AR Risbud, RC Bollinger, SM Mehendale, RS Paranjape. *High-risk behaviour in young men attending sexually transmitted disease clinics in Pune, India*. AIDS Care 2005;17:377-85.
 29. Eshleman SH, Hudelson SE, Gupta AA, Bollinger R, Divekar AD, **Gangakhedkar RR**, Kulkarni SS, Thakar MR, Paranjape RS, Tripathy S. *Limited evolution in the HIV type 1 POL region among acute seroconverters in Pune, India*. AIDS Res Hum Retroviruses 2005;21:93-97.
 28. M.B.Mukherjee, **R.R.Gangakhedkar**. *Physical growth of children with sickle cell disease*. Ind J Hum Genet July-December 2004; 10:70-72.
 27. Malay B. Mukherjee, Reema R. Surve, **Raman R Gangakhedkar**, Kanjaksha Ghosh, Roshan B. Colah, Dipika Mohanty. *β-Globin Gene Cluster Haplotypes linked to the βs-Gene in Western India*. Hemoglobin 2004; 28:157-61.
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