

**Name** : Dr. Seema Sahay  
**Designation** : Scientist 'F'  
**Date of Birth** : 15/03/1964  
**Department** : Social & Behavioral Research  
**E-mail** : [ssahay@nariindia.org](mailto:ssahay@nariindia.org),  
[seemasahay@yahoo.com](mailto:seemasahay@yahoo.com)  
[ssahay.nari@gov.in](mailto:ssahay.nari@gov.in)



**Educational Qualification** :

Degree	Year	Institution / University
PGDBE	2015	NIE, Chennai; IGNOU, New Delhi
Ph. D.	1991	Department of Anthropology, University of Delhi, India
M. Sc.	1985	Department of Anthropology, University of Delhi, India
B. Sc.	1983	Hindu College, University of Delhi, India

## AREAS OF INTEREST

### Research Methods

- Qualitative, quantitative research and mixed method research
- Descriptive epidemiological research
- Operations research/ Demonstration projects
- Psychometrics, SEM, PCA

### Research areas

- Behavioral interventions\_
- Prevention research
- Mixed method approaches in clinical trials, HIV vaccine trials
- Care and support issues in HIV
  - Adherence
  - Mental health needs
- Domestic violence, Intimate Partner Violence
- Community mobilization, communications and advocacy research
- Health system research

### Populations of interest

- Adolescents, women, key populations, PLHIV and other vulnerable groups

## ACADEMIC: Guidance & Training

### *Guidance*

1. Recognized PhD guide: Anthropology Department, SBP Pune University, Pune
2. Recognized PhD guide: Public Health, School of Health Sciences, SBP Pune University, Pune
3. Recognized PhD guide: Symbiosis International University, Pune.
4. Guest faculty for MPH course at JN Medical College, KLE University, Belgaum, Karnataka, India
5. Guest faculty for Certificate course in clinical trials at Symbiosis College, Pune, India
6. Guest Faculty: Maharashtra Institute of Mental Health, Pune, India

### *Student training*

Trained international students on quantitative data analysis pertaining to communications of adolescents with parents/ teachers on reproductive and sexual health; Development of communication scale for HIV discordant couples; presently training a student on qualitative research pertaining to child headed household in context of HIV in India. Trained national students on mental health needs assessment scale development, proposal development, community development, qualitative and quantitative research and data analysis.

### **POSITIONS AND EMPLOYMENT**

<b>Post Held</b>	<b>Employer</b>	<b>Duration</b>
Senior Research Officer	ICMR	1999-2004
Assistant Director/ Scientist D	ICMR	2004-2009
Scientist E	ICMR	2009-2014
Scientist F	ICMR	2014-till date

### **PROFESSIONAL MEMBERSHIPS**

#### **National bodies**

- 2010 Member, Task Force on Mental Health, National AIDS Control Organization, India
- 2011 Life Member: Indian National Confederation and the Academy of Anthropologists
- 2011 Member, Research Review committee of MAAS, Pune.
- 2013 Member, ICMR sub-committee on Socio-behavioral research on Microbicides for HIV prevention
- 2010-2012 Member, Ethics Committee, Bharati Vidyapeeth Medical College and University, Pune
- 2012 Member, University Women's Association, Pune
- 2013 Member, Human Ethics Committee, National Institute of Virology, Pune
- 2013 Trustee, Microbicide Foundation, Indian Council of Medical Research (ICMR), New Delhi
- 2014-16 Member, Technical Resource Group on Stigma Reduction, National AIDS Control Organization, New Delhi

#### **International Bodies**

- 2006-2007 Membership of Microbicide Development Strategy Civil Society Working Group
- 2007-2008 Chairman, Community partner group for DAIDS sponsored trials (HANC)
- 2010 Member, Community partner group for all DAIDS sponsored trials (HANC)
- 2010-2012 Member Editorial Board, Journal of International AIDS Society
- 2010 Member, Executive Committee of Community Working Group, HPTN
- 2002 Member, HIV Prevention Trial Network (HPTN) Community Working Group

2002-2014 Member, Microbicide Trial Network (MTN) Community working Group

#### **AWARDS/ HONORS**

- 2007-2008** Fogarty Fellow, Leadership program for the Women's Global Health Scholars program, University of California, San Francisco, USA
- 2008** Scholarship for Microbicide Conference, India
- 2010-2012** Invited and joined as member of Editorial Board of 'Journal of the International AIDS Society'
- 2013** Member, Editorial Board IJAR
- 2014** Invited speaker on talk entitled, "ARV-based HIV prevention in Practice: Social and Behavioral Aspects" of '20th International AIDS Conference (AIDS 2014), Melbourne, Australia.

#### **REVIEWER FOR INTERNATIONAL CONFERENCE/S**

- International AIDS Conference, 2008; 2010
- Microbicide 2008 Conference
- International conference on HIV and acute pathogenesis, [CROI]

#### **REVIEWER FOR INTERNATIONAL DOCUMENTS/ REPORTS / Proposals**

1. Good Participatory Activity Guideline [UNAIDS], 2007
2. Good Participatory Practice Guidelines For Biomedical HIV Prevention Trials – Discussion Draft 070518. UNAIDS-AVAC, 2009
3. HIV Prevention Trials Network-Ethics Guidance for Research Reviewed March 2009]
4. Clinical Trials Communications Handbook [Chapter VII & VIII], 2009
5. Medical Research Council, 2nd Floor David Phillips Building, Polaris House, North Star Avenue, Swindon, United Kingdom SN2 1ET, 2011

#### **REVIEWER FOR NATIONAL DOCUMENTS/ PROJECTS**

- Project review for ICFAI Science and Technology, ICFAI university, Hyderabad
- Project review for NACO
- Project review for ICMR

#### **MAJOR CAPACITY BUILDING & TRAININGS**

1. Workshop on qualitative research method in collaboration with C-SHaRP (Chennai), PGIMER (Chandigarh), TISS (Mumbai), NARI, Pune. This was a capacity building workshop under PHV-NARRIM project, attended by NARI researchers, PhD scholars from NARI and University of Pune. 24-27 October 2016, NARI, Pune.
2. The fundamentals of qualitative research in biomedical research NARI-Evidence for Action [EFA-DFID] collaborative workshop conducted by NARI and SAMARTH (Chennai). The participants were from NARI, University of Pune, University of Delhi, NIE, Chennai and ICMR- New Delhi. 29th -31st March 2010, NARI, Pune
3. Conducted Highly Active ART Treatment [HAART] Adherence training for MBBS students from J. J. Hospital, Mumbai, NARI Pune, on 29<sup>th</sup> to 30<sup>th</sup> March 2009.
4. Invited as **key note speaker**: New paradigms in AIDS research: Anthropological angle & translational research in the National Seminar on "Paradigms in New Anthropology" held at Department of Anthropology, University of Delhi, New Delhi 23<sup>rd</sup> December 2008.
5. World AIDS Vaccine Day stakeholders' workshop for dissemination of A001 trial findings. Presentation on Process of recruitment and retention of volunteers for phase-1 vaccine trial., NIV Auditorium, 18<sup>th</sup> May 2007
6. HPTN Asian Regional Workshop on Priorities in HIV Prevention Research in Asia. NARI, Pune, July 20-21, 2007

7. Workshop on Community Advisory Board (CAB): Roles and responsibility in Clinical Trials pertaining to HIV at National Bioethics conference, Bangalore, India, 6 December 2007.
8. MTN/ HPTN site assessment and CAB protocol review workshop. Le Meridien, Pune. 11-14 February 2007
9. Conducted field-testing workshop sponsored by FHI, USA, for Curriculum developed by FHI, entitled Research Ethics Training curriculum for Community Representatives. This workshop was conducted with CAB members, Ethics Committee Members, Community Opinion Leaders, health care providers and NGO representatives. The field test report was extensive and sent to Family Health International USA on 17<sup>th</sup> June 2004. Workshop Venue: Pride Hotel, Pune. 1-2<sup>nd</sup> June 2004.

## RESEARCH EXPERIENCE

### Doctoral Work

The study was to determine the compositional heterogeneity of heterochromatic regions of chromosomes using AT specific DNA binding ligand in murine derived L cell line, *Mus musculus* (in vivo) and human lymphocyte tissue culture.

## PROJECTS

Sr. No.	Title of Project	Duration	Funding Agencies	Level of Participation whether PI/Co-PI/Others	Project Status	National / International
1	VIR/AES/3/2013-ECD-I Community engagement for JE and AES prevention and control.	2013-2017	ICMR-DHR sponsored	Role: PI	Ongoing	National ; Extramural
2	(1K01TW009664-01) Primary Prevention of Intimate Partner Violence in India	2013- 2018	NIH/FIC, USA	Role: Primary mentor for K01 Fogarty fellow	Ongoing	International; Extramural
4	Building Research Analytic Initiative at NARI-India[BRAIN-I]	2015 - 2017	Fogarty, NIH, USA	Role: PI	Ongoing	International; Extramural
3	Promoting HIV Vaccine research and development through tech-transfer and capacity building for HIV immune-pathogenesis studies – A NARI/IAVI collaborative project in rural Karad.	2016 - 2019	ICMR-IAVI sponsored	Role: PI	Ongoing	Joint Indo - Foreign;Extra mural

29	Reproductive and sexual health issues and access to related health care facilities among female sex workers in rural and urban Maharashtra	2016 - 2019	ICMR / Intramural Funds Acceptance communication received for funds from ICMR - ICSSR	<b>Role: PI &amp; PhD guide</b>	Ongoing	National; intramural, pending release of funds
5	HIV/ Indo-US/117/ 2011-ECD-II Expanding research capacity in Rural Maharashtra: NARI-AIDS Rural Research Initiative in Maharashtra. (NARRIM)	2012-2014	ICMR-IAVI	<b>Role: PI</b>	Completed	National ; Extramural
6	5171703109-RHN Project SUPERB for Women: Study to Understand Prevention and Explore Respective Barriers for Women: a multi-stakeholder perspective on vaginal microbicide and other NPT	January 2012- 2014	ICMR	<b>Role: PI</b>	Completed	National; extramural
7	Psychosocial needs and stressors in People Living with HIV with reference to partner	2005-2006	NACO sponsored	<b>Role: PI</b>	Completed	National; extramural
8	Psychosocial needs and stressors in People Living with HIV with reference to partner: An intervention study	2006-2009	NACO sponsored	<b>Role: PI</b>	Completed	National; extramural

9	To understand community and health care providers' perspective on male controlled biological options in India [An ICMR task force study]	2009-2011	ICMR	<b>Role: PI</b>	Completed	National; extramural
10	Adolescent Reproductive and Sexual Health Education: An intervention study [ICMR task force]	2003-2006	ICMR	<b>Role: PI</b>	Completed	National; extramural
11	A Phase I Double-Blind, Placebo-Controlled, Randomized Trial to Evaluate the Safety and Immunogenicity of TBC-M4, a multigenic MVA HIV Vaccine vs ADVAX, a multigenic DNA HIV Vaccine followed by TBC-M4, a multigenic MVA HIV Vaccine	2004-2007	IAVI	<b>Role: Investigator of Record</b>	Completed	International; extramural
12	A Phase 1 Randomized, Placebo-Controlled, Double-Blind Dose-Escalation Trial to Evaluate the Safety and Immunogenicity of tgAAC09, a gag-PR-DRT AAV HIV Vaccine	2009-2011	IAVI	<b>Role: Co-investigator</b>	Completed	International; Extramural
13	ECD/Indo-US/9/2007-2008 HIV Cervical Cancer Prevention Program (VIA)-Sanctioned	2008-2010	NIH	<b>Role: Co-investigator</b>	Completed	International; Extramural
14	Evidence for Action	2006-2011	DFID	<b>Role: Co-investigator</b>	Completed	International; Extramural
15	Exploring issues of the family care givers for HIV infected individuals	2009-2011	DFID EFA funds	<b>Role: PI</b>	Completed	International; Extramural

16	File No 5/7/231/07-RHN Preparing Site for conducting effectiveness trials of microbicides India.	2009-2013	ICMR-CONRAD	<b>Role: Lead investigator</b>	Completed	Joint Indo - Foreign; Extramural
26	Psychosocial needs among HIV infected adolescents in Pune, India	2013-2017	ICMR SRF	<b>Role: PI &amp; PhD guide</b>	Ongoing	National; Intramural
27	A study of sexual networks of single male migrants in Pune city	2013-2017	Intramural	<b>Role: PI &amp; PhD guide</b>	Ongoing	National; Intramural
17	Indo-US/104/9/2010-ECD –II Improving Cervical Cancer Prevention among HIV-Infected Women Using Novel HPV Based Biomarker Assays An 'Intramural-to-India' study	2012-2014	ICMR-NIH	<b>Role: Co-investigator</b>	Ongoing	Joint Indo - Foreign; National; extramural
18	Identification of Neutralizing Antibody Epitopes on Indian and South African HIV-1 Subtype C Viruses for HIV Vaccine Design	2011-2015	DST	<b>Role: Co-investigator</b>	Completed	National; extramural
19	1. Clinical Trial Unit	2007-2015	NIH	<b>Role: Co-investigator</b>	Completed	International; extramural
20	Clinical Trial Unit - 1a. HIV Prevention Trial Network (HPTN) – HPTN 052	2004-2015		<b>Role: Co-investigator</b>	Completed	
21	Clinical Trial Unit - 1b. MTN 005: Study Number : MTN005: Expanded Safety and Adherence Study of a Non-medicated Intravaginal Ring	2011-2012		<b>Role: Co-investigator</b>	Completed	

22	Understanding and quantifying domestic violence among married women in India	2012-2013	Fogarty Fellow (NIH)	<b>Role: PI &amp; mentor for Global Health fellow from Emory University, USA</b>	Completed	Joint Indo - Foreign; Extramural
23	Adolescent Reproductive and Sexual Health	2012-2014	ICMR	<b>Role: PI</b>	Completed	National; extramural
24	3/1/3/JRF-2008/MPD Process of policy development to combat HIV-TB co infection in India: a qualitative study.	2009-2014	ICMR JRF	<b>Role: PI &amp; PhD Guide</b>	Completed	National; Intramural
25	Patterns of disclosure of HIV diagnosis to adolescents: A facility based exploratory study	2012-2014	Intramural	<b>Role: PI</b>	Completed	National; Intramural
28	To explore correlates of ART adherence and compliance strategies among the stakeholders at three different categories of cities/ towns in high prevalence state of Maharashtra	2009-2011	Intramural	<b>Role: PI</b>	Completed	National; Intramural

#### RESEARCH SCHOLARS/ MENTEES

S. No.	PhD Fellow	Area of research	Status
1.	Dr. Srikanth Reddy (ICMR SRF)	Policy research	Awarded 2014
2.	Mrs. Archana Verma (ICMR SRF)	Mental health needs in adolescents	2013-ongoing
3.	Mrs. Neelam Joglekar	Migrants	2014-ongoing
4.	Ms. Suhas Shevale (RS-I JE setudy)	Access to RCH services in FSWs	2016-ongoing
<b>International Mentee</b>			
5.	Dr. Ameeta Kalokhe Emory University, USA 1. Global Health Fellow, USA 2. K01 grant, Fogarty,	Domestic Violence Intimate partner violence	2012-2013, Completed 2013-2018, ongoing



**PUBLICATIONS [S SAHAY]**

1. Reddy KS, **Sahay S**. Community Participation in HIV/AIDS Healthcare Delivery. In: Medical Anthropology: Tradition and change. Edited by Sharma BV. 2016, Concept Publishing House, Pvt. Limited, Hyderabad.
2. Mane A, Sahasrabudhe VV, Nirmalkar A, Risbud AR, **Seema Sahay**, Bhosale RA, Vermund SH, Mehendale SM. Rates and determinants of incidence and clearance of cervical HPV genotypes among HIV-seropositive women in Pune, India. Accepted in J Clin Virol. 2016.
3. **Sahay S**. Perception of Men and Women on use of New Prevention Technologies. *ISSRF Newslett.* 2015 Sep (17): 26-29
4. **Sahay S**, Shevale S. Community engagement module for JE/ AES prevention and control [Hindi language]. Published by NARI-ICMR under Research Cum Intervention project. 2015, Pp.1 -82.
5. **Sahay S**, Verma A, Mehendale S. Male Circumcision for HIV Prevention: Care Providers' Attitude In : HIV/ AIDS in India: A public health approach of contemporary trend. Edited by S Deb, Shukla A. Section III, Chapter 8; Pp. 217; Global Vision Publishing House, New Delhi. 2015.
6. **Sahay S**. Mitigating stressors of HIV by involving significant others. *In: HIV/ AIDS in India: A public health approach of contemporary trend.* Edited by S Deb, Shukla A. Section V, Chapter 16; Pp. 217; Pp. 115; Global Vision Publishing House, New Delhi. 2015.
7. **Sahay S**, Verma A, Shewale S, Murugesan P. Child rights in context of HIV AIDS. *In: Child Safety, Welfare and Well Being.* Publisher: Springer India 2015.
8. **Sahay S**, Kumar, AB. Tribal India: A Review of Health Care Delivery in India Health and Tribes. *In: Tribal India: Challenges and Opportunities;* Ed. K. Dash. Chapter 2, Sarup Publishers Pvt Ltd, New Delhi. 2015, PP 54-80.
9. Subramanian, T. and **Sahay, S**. New HIV Prevention Technologies: Knowledge and Perceived Usage by Women with High Risk Behaviour - A Qualitative Study in Tamil Nadu 6 1(2016) 8
10. Singh H, Marathe S, Nain S, Nema V, Angadi M, Ghate M, **Sahay S**, Gangakhedkar R. Coding region variant 186H/R in Exon 4 of APOBEC3G among individuals of Western India. *APMIS.* 2016 Feb 8;PubMed PMID: 26853443.
11. Kalokhe AS, Stephenson R, Kelley ME, Dunkle KL, Paranjape A, ...**Sahay S**.I. The Development and Validation of the Indian Family Violence and Control Scale. *PLoS One.* 2016;11(1):e0148120. PubMed PMID: 26824611; PubMed Central PMCID: PMC4732749.
12. Sahay S, Verma A, Mehendale S. Male Circumcision for HIV Prevention: Care Providers' Attitude In : HIV/ AIDS in India: A public health approach of contemporary trend. Edited by S Deb, Shukla A. Section III, Chapter 8; Pp. 217; Global Vision Publishing House, New Delhi. 2015.
13. Danga, S., **Sahay S**, Jadhav AJ, Patnaje RP, Patel RB. Study of contraceptive utilization practices among married couple from Rural area of Satara district: a community based observation study. *Int J Info Res Rev.* 2015;2(2):367-70.
14. HO Singh, S Lata, M Angadi, S Bapat, J Pawar, V Nema, MV Ghate, **S Sahay** and RR Gangakhedkar. 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]
15. **Sahay S**, Deshpande S, Bembalkar S, Kharat M, Parkhe A, et al. Failure to Use and Sustain Male Condom Usage: Lessons Learned from a Prospective Study among Men Attending STI Clinic in Pune, India. *PLoS One.* 2015;10(8):e0135071. PubMed PMID: 26270464; PubMed Central PMCID: PMC4535957.

16. **Sahay S.** Perception of Men and Women on use of New Prevention Technologies. *ISSRF Newslett.* 2015 Sep (17): 26-29
17. Karikalan N, **Sahay S**, Ganju D, Paranjape R. Public Participation of Men Who Have Sex with Men in the Context of Community Empowerment in India. *J AIDS Clin Res* 2015, 6:10
18. Kalokhe AS, Potdar RR, Stephenson R, Dunkle KL, Paranjape A ..**Sahay S**. How well does the World Health Organization definition of domestic violence work for India?. *PLoS One.* 2015;10(3):e0120909. PubMed PMID: 25811374; PubMed Central PMCID: PMC4374684.
19. Nagarajan K, **Sahay S**, Mainkar MK, Deshpande S, Ramesh S, et al. Female sex worker's participation in the community mobilization process: two distinct forms of participations and associated contextual factors. *BMC Public Health.* 2014 Dec 24;14:1323. PubMed PMID: 25540055; PubMed Central PMCID: PMC4364326.
20. Chandhiok N, Paranjape RS, Mehendale SM, Beri A, Chauhan S, Hari KumarR, **Sahay S**, Washington R, Callahan M. Estimating HIV Incidence for Identification of Microbicide Trial Sites in India: A Cross-sectional Study. *AIDS Research and Human Retroviruses* 30 Suppl 1(S1):A215 · October 2014
21. Patil S, Gadhe S, Sonawane S, Bansal M, Deshpande S, Hermanus T, Morris, L, Murugavel KG, Solomon S, **Sahay S**, Paranjape R, Chakrabarti BK, Bhattacharya J. Comparative Neutralization Sensitivity of Indian and South African HIV-1 Clade C Viruses to Plasma Antibodies from Chronically Infected Indian Donors . *AIDS Research and Human Retroviruses* 30 Suppl 1(S1):A249 · October 2014
22. **Sahay S**, Kumar M, Srikrishnan AK, Ramanathan V, Mehendale S. Experiences in recruiting volunteers through community based initiatives in phase-1 vaccine trials in India. *Hum Vaccin Immunother.* 2014;10(2):485-91. PubMed PMID: 24141176; PubMed Central PMCID: PMC4185896.
23. **Sahay S**, Nagarajan K, Mehendale S, Deb S, Gupta A, et al. Community and healthcare providers' perspectives on male circumcision: a multi-centric qualitative study in India. *PLoS One.* 2014;9(3):e91213.
24. **Sahay S**, Nirmalkar A, Sane S, Verma A, Reddy S, et al. Correlates of sex initiation among school going adolescents in Pune, India. *Indian J Pediatr.* 2013 Oct;80(10):814-20. PubMed PMID: 23604612.
25. Joglekar NS, Deshpande SS, **Sahay S**, Ghate MV, Bollinger RC, et al. Correlates of lower comprehension of informed consent among participants enrolled in a cohort study in Pune, India. *Int Health.* 2013 Mar;5(1):64-71. PubMed PMID: 24029848; PubMed Central PMCID: PMC3889625.
26. Mehendale S, Thakar M, **Sahay S**, Kumar M, Shete A, et al. Safety and immunogenicity of DNA and MVA HIV-1 subtype C vaccine prime-boost regimens: a phase I randomised Trial in HIV-uninfected Indian volunteers. *PLoS One.* 2013;8(2):e55831. PubMed PMID: 23418465; PubMed Central PMCID: PMC3572184.
27. Mayer K, Wang L, Hoffman I, McCauley M, Li X, Safren S, Gamble T, Talley J, Cottle L, Piwowar-Manning E · [...] Badal-Faesen S, Chotirosniramit N, Fernandess NM, Kumarasamy N, **Sahay S**, Makhema J, Panchia B, Pilotto JHDS, Santos BR, Cohen MS · Sustained treatment as prevention: continued decreases in unprotected sex and increases in virological suppression after HAART initiation among participants in HPTN 052. *Journal of the International AIDS Society* 15:118-119 · October 2012
28. Kohli R, Purohit V, Karve L, Bhalerao V, Karvande S,...**SahayS**. Caring for caregivers of people living with HIV in the family: a response to the HIV pandemic from two urban slum communities in Pune, India. *PLoS One.* 2012;7(9):e44989. PubMed PMID: 23028725; PubMed Central PMCID: PMC3441662.

29. Sahastrabuddhe S, Gupta A, Stuart E, Godbole S, Ghate M, **Sahay S**, Gangakhedkar R, Risbud A et al. Sexually transmitted infections and risk behaviors among transgender persons (Hijras) of Pune, India. *J Acquir Immune Defic Syndr*. 2012 Jan 1;59(1):72-8. PubMed PMID: 21937924.
30. Sahasrabuddhe VV, Bhosale RA, Kavatkar AN, Nagwanshi CA, Joshi SN, Jenkins CA, Shepherd BE, Kelkar RS, **Sahay S**, Risbud AR, Vermund SH, Mehendale SM.. Comparison of visual inspection with acetic acid and cervical cytology to detect high-grade cervical neoplasia among HIV-infected women in India. *Int J Cancer*. 2012 Jan 1;130(1):234-40. PubMed PMID: 21387289; NIHMSID: NIHMS384646; PubMed Central PMCID: PMC3516675.
31. Joglekar N, Paranjape R, Jain R, Rahane G, Potdar R,...**Sahay S**. Barriers to ART adherence & follow ups among patients attending ART centres in Maharashtra, India. *Indian J Med Res*. 2011 Dec;134(6):954-9. PubMed PMID: 22310828; PubMed Central PMCID: PMC3284104.
32. **Sahay S**, Reddy KS, Dhayarkar S. Optimizing adherence to antiretroviral therapy. *Indian J Med Res*. 2011 Dec;134(6):835-49. PubMed PMID: 22310817; PubMed Central PMCID: PMC3284093.
33. Cohen MS, Chen YQ, McCauley M, Gamble T, Hosseinipour MC, et al. Prevention of HIV-1 infection with early antiretroviral therapy. *N Engl J Med*. 2011 Aug 11;365(6):493-505. PubMed PMID: 21767103; NIHMSID: NIHMS320818; PubMed Central PMCID: PMC3200068.
34. **Sahay S**, Mehendale SM. Adolescent Reproductive and Sexual Health Module. Published by NARI-ICMR under ICMR task force study. Pp.1-172 July 2011
35. **Sahay S**, Gupte N, Brahme RG, Nirmalkar A, Bembalkar S, et al. Predictors of retention among men attending STI clinics in HIV prevention programs and research: a case control study in Pune, India. *PLoS One*. 2011 Mar 11;6(3):e17448. PubMed PMID: 21412414; PubMed Central PMCID: PMC3055872.
36. **Sahay S**, Mehendale S. Engaging community to support HIV prevention research. *East J Med*. 2011;16(2):168-177. PubMed PMID: 23807866; NIHMSID: NIHMS372563; PubMed Central PMCID: PMC3691695.
37. Mehendale S, **Sahay S**, Thakar M, Sahasrabuddhe S, Kakade M, et al. Safety & immunogenicity of tgAAC09, a recombinant adeno-associated virus type 2 HIV-1 subtype C vaccine in India. *Indian J Med Res*. 2010 Aug;132:168-75. PubMed PMID: 20716817.
38. Sahasrabuddhe VV1, Bhosale RA, Joshi SN, Kavatkar AN, Nagwanshi CA, Kelkar RS, Jenkins CA, Shepherd BE, **Sahay S**, Risbud AR, Vermund SH, Mehendale SM.. Prevalence and predictors of colposcopic-histopathologically confirmed cervical intraepithelial neoplasia in HIV-infected women in India. *PLoS One*. 2010 Jan 8;5(1):e8634. PubMed PMID: 20072610; PubMed Central PMCID: PMC2798747.
39. **Sahay S**. Empowering Women through Advances in HIV Prevention: The Role of Microbicides. *In: Reproductive Health Management*. Edited by Sibnath Deb, published by Akansha Publishing House, 2009, New Delhi, pp.302-341.
40. **Sahay S**, Mehendale SM. India's National AIDS Research Institute (NARI) and Local Communities Collaborate for Transparency and Equity. Recommendations for Community Involvement in National Institute of Allergy and Infectious Diseases HIV/AIDS Clinical Trials Research; February 2009.
41. **Sahay S**, Ghate M, Mehendale S. Managing HIV therapy literacy in resource limited setting. *HIV Therapy*. 2009; 3(4):1-6.
42. Mehendale, van Lunzen J, Clumeck N, Rockstroh J, Vets E, Johnson PR, Anklesaria P, Barin B, Boaz M, Kochhar S, Lehrman J, Schmidt C, Peeters M, Schwarze-Zander C, Kabamba K, Glaunsinger T, **Sahay S**, Thakar M, Paranjape R, Gilmour J, Excler JL, Fast P, Heald AE. A phase 1 study to evaluate the safety and immunogenicity of a recombinant HIV type 1 subtype C adeno-associated virus vaccine. *AIDS Res Hum Retroviruses*. 2008 Jun;24(6):873-80. PubMed PMID: 18544020.

43. **Sahay S**, Mehendale SM. Addressing ethical concerns in the Indian HIV Vaccine Trials. *In: Technology in Health Care: Current Controversies*. Published by Indian Journal of Medical Ethics. Editors: S Srinivasan and G Thomas. 2007: pages108-15.
44. Mehendale SM, Gupte N, Paranjape RS, Brahme RG, Kohli R, Joglekar N, Godbole SV, Joshi SN, Ghate MV, **Sahay S**, Kumar BK, Gangakhedkar RR, Risbud AR, Brookmeyer RS, Bollinger RC. Declining HIV incidence among patients attending sexually transmitted infection clinics in Pune, India. *J Acquir Immune Defic Syndr*. 2007 Aug 15;45(5):564-9. PubMed PMID: 17558335.
45. MacQueen KM1, Namey E, Chilongozi DA, Mtweve SP, Mlingo M, Morar N, Reid C, Ristow A, **Sahay S**; HPTN 035 Standard of Care Assessment Team.. Community perspectives on care options for HIV prevention trial participants. *AIDS Care*. 2007 Apr;19(4):554-60. PubMed PMID: 17453597.
46. Mawar N, Joshi PL, **Sahay S**, Bagul RD, Paranjape RS. Concerns and experiences of women participating in a short-term AZT intervention feasibility study for prevention of HIV transmission from mother-to-child. *Cult Health Sex*. 2007 Mar-Apr;9(2):199-207. PubMed PMID: 17364726.
47. Shikalgar S, Kharat M, Kadam S, Karve L, Mehendale S, **Sahay S**, Shastrabuddhe V, Vermund S. Biomedical Research participation: Concerns of women participating in a cervical cancer screening. *Indian J Med Ethics*. 2007; Suppl IV:S24
48. **Sahay S**, Phadke M, Brahme R, Paralikar V, Joshi V, et al. Correlates of anxiety and depression among HIV test-seekers at a Voluntary Counseling and Testing facility in Pune, India. *Qual Life Res*. 2007 Feb;16(1):41-52. PubMed PMID: 17091367.
49. Gupta A, Mehta S, Godbole SV, **Sahay S**, Walshe L, et al. Same-sex behavior and high rates of HIV among men attending sexually transmitted infection clinics in Pune, India (1993-2002). *J Acquir Immune Defic Syndr*. 2006 Dec 1;43(4):483-90. PubMed PMID: 17019372.
50. Woodsong C, Macqueen K, Namey E, **Sahay S**, Morar N, et al. Women's Autonomy and Informed Consent in Microbicides Clinical Trials. *J Empir Res Hum Res Ethics*. 2006 Sep;1(3):11-26. PubMed PMID: 19385819.
51. Mehendale SM, Ghate MV, Kishore Kumar B, **Sahay S**, Gamble TR, et al. Low HIV-1 incidence among married serodiscordant couples in Pune, India. *J Acquir Immune Defic Syndr*. 2006 Mar;41(3):371-3. PubMed PMID: 16540940.
52. Brahme R, Mehta S, **Sahay S**, Joglekar N, Ghate M, et al. 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. PubMed PMID: 16340482; NIHMSID: NIHMS383729; PubMed Central PMCID: PMC3516676.
53. Mehta SH, Gupta A, **Sahay S**, Godbole SV, Joshi SN, et al. High HIV prevalence among a high-risk subgroup of women attending sexually transmitted infection clinics in Pune, India. *J Acquir Immune Defic Syndr*. 2006 Jan 1;41(1):75-80. PubMed PMID: 16340477.
54. **Sahay S**, Mehendale S. Lessons learned from HPTN sites. *In: HPTN lessons Learned report*.141:148; 2005.
55. Brahme RG, **Sahay S**, Malhotra-Kohli R, Divekar AD, Gangakhedkar RR, et al. High-risk behaviour in young men attending sexually transmitted disease clinics in Pune, India. *AIDS Care*. 2005 Apr;17(3):377-85. PubMed PMID: 15832886; NIHMSID: NIHMS384625; PubMed Central PMCID: PMC3516673.
56. Mawar N, **Sahay S**, Pandit A, Mahajan U. The third phase of HIV pandemic: social consequences of HIV/AIDS stigma & discrimination & future needs. *Indian J Med Res*. 2005 Dec;122(6):471-84
57. **Sahay S**, Mehendale S, Sane S, Brahme R, Brown A, et al. Correlates of HIV vaccine trial participation: an Indian perspective. *Vaccine*. 2005 Feb 3;23(11):1351-8. PubMed PMID: 15661383.
58. Research Ethics Training Curriculum for Community Representatives, FHI,2004.
59. **Sahay S**, Mehendale S. Addressing ethical concerns in the Indian HIV vaccine trials. *Indian J Med*

Ethics. 2004 Oct-Dec;1(4):109-12. PubMed PMID: 16370101.

60. **Sahay S**, Godbole SV (Ed). Agenda for Action: Research priorities in HIV:AIDS in Maharashtra, India: Report prepared for AVERT SOCIETY, Maharashtra: A joint project of NACO, Government of Maharashtra & USAID for HIV:AIDS control: February, 2003
61. Shepherd ME, Gangakhedkar RR, **Sahay S**, Reynolds SJ, Ghate MV, et al. Incident HIV infection among men attending STD clinics in Pune, India: pathways to disparity and interventions to enhance equity. J Health Popul Nutr. 2003 Sep; 21(3):251-63. PubMed PMID: 14717571; NIHMSID: NIHMS384624; PubMed Central PMCID: PMC3516674.
62. **Sahay S**, Ghosh R, Ghosh PK. Sequence of centromere separation: effect of Hoechst 33258 in marker chromosome of mouse L cells. Indian J Exp Biol. 1988 Jun; 26(6):403-6. PubMed PMID: 2461347.
63. Ghosh R, **Sahay S**, Mehta R, Ghosh PK. Inhibition of heterochromatin condensation in L cell chromosomes by bibenzimidazole derivative 33258 Hoechst. Indian J Exp Biol. 1988 May;26(5):333-6. PubMed PMID: 2459055.
64. Ghosh PK, Shome D, **Sahay S**, Pal A, Ghosh R. Polymorphism of constitutive heterochromatin in cancer of cervix uteri. Indian J Med Res. 1986 Dec; 84:601-6. PubMed PMID: 3570388.