

## ***Ayurgenomics Publications\_ IGIB***

1. Western Indian Rural Gut Microbial Diversity in Extreme Prakriti Endo-Phenotypes Reveals Signature Microbes. Chauhan NS, Pandey R, Mondal AK, Gupta S, Verma MK, Jain S, Ahmed V, Patil R, Agarwal D, Girase B, Shrivastava A, Mobeen F, Sharma V, Srivastava TP, Juvekar SK, **Prasher B\***, Mukerji M\*, Dash D\*. *Front Microbiol.* 2018 Feb 13;9:118. doi: 10.3389/fmicb.2018.00118. eCollection 2018. PubMed PMID 29487572; PubMed Central PMCID: PMC5816807.
2. Recapitulation of Ayurveda constitution types by machine learning of phenotypic traits. Tiwari P, Kutum R, Sethi T, Shrivastava A, Girase B, Aggarwal S, Patil R, Agarwal D, Gautam P, Agrawal A, Dash D, Ghosh S, Juvekar S, Mukerji M, **Prasher B\***. *PLoS One.* 2017 Oct 5;12(10):e0185380. doi: 10.1371/journal.pone.0185380. eCollection 2017. PMID: 28981546
3. Genomic insights into ayurvedic and western approaches to personalized medicine. **Prasher B\***, Gibson G, Mukerji M\*. *J Genet.* 2016 Mar;95(1):209-28. Review. PMID: 27019453
4. Combined genetic effects of EGLN1 and VWF modulate thrombotic outcome in hypoxia revealed by Ayurgenomics approach. Aggarwal S, Gheware A, Agrawal A, Ghosh S, **Prasher B\***, Mukerji M\*; Indian Genome Variation Consortium, J *Transl Med.* 2015 Jun 6;13:184. doi: 10.1186/s12967-015-0542-9. PMID: 26047609
5. EGLN1 involvement in high-altitude adaptation revealed through genetic analysis of extreme constitution types defined in Ayurveda. Aggarwal S, Negi S, Jha P, Singh PK, Stobdan T, Pasha MA, Ghosh S, Agrawal A; Indian Genome Variation Consortium, **Prasher B\***, Mukerji M\*. *Proc Natl Acad Sci U S A.* 2010 Nov 2;107(44):18961-6 doi:10.1073/pnas.1006108107. Epub 2010 Oct 18. PMID: 20956315
6. Whole genome expression and biochemical correlates of extreme constitutional types defined in Ayurveda. **Prasher B**, Negi S, Aggarwal S, Mandal AK, Sethi TP, Deshmukh SR, Purohit SG, Sengupta S, Khanna S, Mohammad F, Garg G, Brahmachari SK; Indian Genome Variation Consortium, Mukerji M. *J Transl Med.* 2008 Sep 9;6:48. doi: 10.1186/1479-5876-6-48. PMID: 18782426
7. Ayurgenomics for stratified medicine: TRISUTRA consortium initiative across ethnically and geographically diverse Indian populations. **Prasher B\***, Varma B, Kumar A, Khuntia BK, Pandey R, Narang A, Tiwari P, Kutum R, Guin D, Kukreti R, Dash D; TRISUTRA Ayurgenomics Consortium, Mukerji M. *J Ethnopharmacol.* 2017 Feb 2;197:274-293. doi: 10.1016/j.jep.2016.07.063. Epub 2016 Jul 22. Review. PMID:

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8. Ayurgenomics: a new way of threading molecular variability for stratified medicine. Sethi TP, **Prasher B\***, Mukerji M\*. ACS Chem Biol. 2011 Sep 16;6(9):875-80. doi: 10.1021/cb2003016. PMID: 21923095
9. Traditional Knowledge-based Medicine: A Review of History, Principles, and Relevance in the Present Context of P4 Systems Medicine . Nathanaël Lemonnier, Guang-Biao Zhou, **Bhavana Prasher**, Mitali Mukerji, Zhu Chen, Samir K. Brahmachari, Denis Noble, Charles Auffray, Michael Sagner. Progress in Preventive Medicine: December 2017 - Volume 2 - Issue 7 - p e0011 doi: 10.1097/pp9.0000000000000011
10. Ayurgenomics: A new approach in personalized and preventive medicine. Mitali Mukerji# and **Bhavana Prasher#** Science and Culture, Jan-Feb, 2011, vol. 77, Page no. 10-17