allied academies Joint Event on

World Congress on
BREAST CANCER, GYNECOLOGY AND WOMEN HEALTH
&
Annual Conference on
ORTHOPEDICS AND RHEUMATOLOGY

September 06-07, 2018 | Bangkok, Thailand

Debasree Das, Arch Gen Intern Med 2018, Volume 2 | DOI: 10.4066/2591-7951-C3-008

ASSOCIATION OF EARWAX TYPE, COLOSTRUMS SECRETION AND TYPES OF HUMAN AXILLARY MICROBIUM: A STUDY ON BANGALEE HINDU CASTE FEMALES OF WEST BENGAL, INDIA

Debasree Das
Shyampur Siddheswari Mahavidyalaya, India

Previous studies revealed relationship between human earwax (cerumen) type and colostrums secretion. However, the earwax, colostrums are produced from apocrine gland. Furthermore, the human axillary gland secretion is also from apocrine gland. In this context, the present study is attempted to understand the association of earwax type, colostrums secretion and axillary microbium. To achieve the purpose, earwax type, information about colostrums secretion and axillary microbium have been obtained from 35 lactating Bengalee Hindu caste females. To best of the knowledge, this is the first attempt from India to understand the relationship between earwax type, colostrums secretion and axillary microbium. The result demonstrated significant ($p<0.05$) association between wet earwaxtype and colostrums secretion. To understand the relationship between axillary microbium and earwax type, the cultured microbium (taken from 11 participants) were digested by Hind III restriction enzyme and genotyping was done by agarose electrophoresis using standard technique. Examination on genotypes revealed three variations in genotypes e.g., A (>1000 bp), B (1000-750 bp) and C (750-500 bp) in cultured microbium. Further analysis demonstrated significant ($p<0.05$) association between wet earwax and B type of axillary microbium. Therefore, the present study envisaged strong association of wet earwax type with high colostrums secretion and B type axillary microbium.

BIOGRAPHY

Debasree Das has completed her MSc (specialization in Biological Anthropology) in 2015 from University of Calcutta and qualified for prestigious lectureship UGC conducted NET examination and admitted in the PhD program in Anthropology under the auspices of University of Calcutta. She has successfully completed the workshop in research methodology and presented research articles in Indian conferences. Working as a contractual fulltime Teacher in Anthropology in an institution that is affiliated to University of Calcutta she is teaching the students in graduate level. She has hand on experience to laboratory work regarding serology, electrophoresis, anthropometry and dermatoglyphic. She has publications in peer reviewed journal.

dasdebasree733@gmail.com

Note: