

**Comparative study on antibiograms of coagulase positive and negative staphylococci isolated from various samples.**

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**From International Conference on Biosciences- Trends in Molecular Medicine.**

Post Graduate Department of Biochemistry, Dwaraka Doss Goverdhan Doss Vaishnav College, Arumbakkam, Chennai 600 106, India. 7-8 February 2012.

American J of Bio-pharm Biochem and Life Sci 2012 March, Vol. 1 (Suppl 1): A66

**ABSTRACT**

Coagulase positive Staphylococci (COPS) are serious pathogens since many decades. Various strains of coagulase positive Staphylococci cause a wide range of disease in human beings. They are characteristically localized and are both immune related and hematogenous infections. But coagulase negative Staphylococci (CONS) were thought to be laboratory contaminants or commensals and were not considered important in pathological studies. Currently CONS have emerged as potential pathogens causing various diseases ranging from mild infections like eye and wound infections to fatal diseases like UTI, endocarditis, polymer associated infections etc. Multi-drug resistant strains of both coagulases positive and negative Staphylococci have emerged. Comparative study of their anti-biograms hence has become indispensable. Their rate of incidence in various parameters like age and sex of the patient and site of infection has also been studied.