



**WORLD ANTHROPOLOGY CONGRESS**

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# **WORLD ANTHROPOLOGY CONGRESS-2023**

**BHUBANESWAR, INDIA | 9-14 AUGUST 2023**

**CTD: 2iME - MEDICAL GENETICS, BIO-MEDICINE, EPIDEMIOLOGY AND PUBLIC HEALTH  
SUB-DOMAIN: 2. CARDIOVASCULAR HEALTH AND METABOLISM, ADIPOSITY AND  
DIABETES, CARCINOGENS AND CANCER**

**PANEL TITLE:  
METABOLIC SYNDROME: A GLOBAL EPIDEMIC AND RELEVANCE OF  
CHANGING LIFESTYLE ON ITS ONSET**

**CONVENOR: DR. KALYANI RATH  
DISCUSSANT: MONALISHA PADHY**

## **ABSTRACT**

Metabolic Syndrome (MetS) that causes several disorders, like atherosclerotic cardiovascular disease, insulin resistance, diabetes mellitus, vascular and neurologic disorders that leads to cerebrovascular accident is because of metabolic disarrangement. The syndrome is characterised by high blood pressure, elevated fasting glucose and triglycerides, Reduced High Density Lipoprotein (HDL) cholesterol. Excess body adiposity results from a combination of over nutrition and sedentary lifestyle; that leads to development of such metabolic derangements. Such conditions create serious implications on an individual's health and cost of health care. Nature of MetS is very complex and different agencies including the World Health Organization have tried to define it based on certain diagnostic criteria. The prevalence of MetS varies across different populations and is spread over different stages of life. Its rate varies across geographic regions and socio-economic levels. It has now acquired dimensions of a global epidemic.

The current panel proposal intends to discuss these epidemiological issues about MetS to gather more information regarding such disorders and contribute that will significantly in its management resulting in global good.

**Keywords:** Adiposity, Metabolic Syndrome, Diabetes mellitus, cardiovascular disease.

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