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Title: Evolution of Metabolic Syndrome and its Biomarkers

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**Title: Evolution of Metabolic Syndrome and its Biomarkers****Kalyan Goswami<sup>1\*</sup>, Mahendra Gandhe<sup>2</sup>**

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**Abstract:****Evolution of Metabolic Syndrome and its Biomarkers****K. Goswami\*, M. Gandhe**

The evolution of human from ancient times to modern era has witnessed several environmental and social changes which contributed to genetic and epigenetic makeup of human beings and in turn is responsible for its present phenotype. In the recent past, owing to socioeconomic developmental pressure, a large epidemiologic shift towards non-communicable disease pattern has been noticed in many developing countries including India which resulted into incidence of diabetes and cardiovascular diseases in epidemic proportion. These two pathologies form a subset associated with metabolic derangement, popularly termed as metabolic syndrome. Earlier its status and the pathophysiological rationale were largely obscure and hence it was given a rather disguised name – Syndrome X, as an icon of unknown.

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