



## Adipocytokines as a risk factor for coronary artery disease and its relationships with Obesity

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### Abstract:

Obesity is a major health problem consistently increasing many severe complications such as metabolic syndrome, the risk for cardiovascular diseases, respiratory disorders and diabetic. Adipose tissue is an endocrine organ that manufacture actively biological structures defined as “adipocytokine”. Aims of the study are to Investigate the association of a set of adipocytokines ,including adiponectin, insulin and insulin resistant with CAD events in obsess patient. This study was included (88) males, There were 22 obese males and 22 normal weight males with CAD. 44 subjects who were an apparently healthy control group their ages between (45-65 years) in Babylon province / Iraq . The present study, observed, a significantly decrease in adiponectin in both CAD groups (obese and normal weight) when compared with control) groups and lower in obese when compared with control , while significant increase insulin and insulin resistant in both CAD groups (obese and normal weight) when compared with control groups and more elevation in obese groups.

### Biography:

Mufeed J Ewadh has expertise in many fields of biochemistry research in his institute dealing with health problem, herbal extraction and alternative medicine. He did his Post-doctorate course at Marburg University, Germany and participated in electrophoresis workshop in Japan for two weeks as well as in biochemical workshop in Leipzig, Germany.

### Recent Publications:

1. Homocysteine uptake by human umbilical vein en-



dothelial cells in culture, MJA Ewadh, N Tudball, FA Rose. *Biochimica et Biophysica Acta (BBA)-Molecular Cell Research* 1054 (3), 263-261

2. Evaluation of amylase activity in patients with type 2 diabetes mellitus, MME Mufeed Jalil Ewadh\*, Thana Mohammed Juda, Zinah Abbas Ali. *American Journal of BioScience*. 2 (No. 5), 171-174-16-2014
3. Antibacterial activity of *Citrullus colocynthis* against different types of bacteria, I Bnyan, H Hasan, M Ewadh. *Advances in Life Science and Technology* 7, 48-51 14-2013
4. Novel natural anti gout medication extract from *Momdica Charantia*. IR Alsultanee, MJ Ewadh, MF Mohammed. *J Nat Sci Res* 4 (17), 16-23 - 1 3 - 2014
5. Transport of L-cystine in human umbilical vein endothelial cells in culture. MJA Ewadh, N Tudball, FA Rose, *Bioscience reports* 8 (5), 449-453.

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