

Name of journal: World Journal of Diabetes  
ESPS Manuscript NO: 13616  
Columns: REVIEW

**Toxic stress, inflammation and symptomatology of chronic complications in diabetes**

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**Abstract**

Diabetes affects at least 382 million people worldwide and the incidence is expected to reach 592 million by 2035. The incidence of diabetes in youth is skyrocketing as evidenced by a 21% increase in type 1 diabetes and a 30.5% increase in type 2 diabetes in the United States between 2001 and 2009. The effects of toxic stress, the culmination of biological and environmental interactions, on the development of diabetes complications is gaining attention. Stress impacts the hypothalamus-pituitary-adrenal (HPA) axis and contributes to inflammation, a key biological contributor to the pathogenesis of diabetes and its associated complications. This review provides an

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