

# 13<sup>th</sup> Global Diabetes Conference and Medicare Expo

August 08-10, 2016 Birmingham, UK

## Experimental models of diabetes, complications, alternative and complementary approaches

**Yusuf Ozturk**

Anadolu University, Turkey

**D**iabetes is an important metabolic disease affecting many people worldwide. Currently, the medical problems are like the management of long-term complications as well as the management of coexistence of other chronic diseases such as depression, etc. Some of these coexistent diseases may occur as complications of diabetes. Conventional therapies may not be sufficient in the management of such complicated clinical cases of diabetes. On the other hand, some of the drugs used for the management of psychiatric problems may impair the glucose metabolism creating diabetic pre-disposition in patients. So, some alternative and complementary approaches seem to be required. Most of the diabetic complications can be observed in experimental models of diabetes, and these are employed not only for the investigation of diabetes and diabetic complications, but also for the study of drug effects on glucose metabolism and diabetic complications. These experimental techniques also allow to investigate the alternative and complementary approaches. Therefore, this presentation will focus on experimental models of diabetes in relation to diabetic complications and alternative/complementary approach data's from our laboratories.

### Biography

Yusuf Ozturk has completed his PhD from Ankara University in 1985. He was the former Director of Graduate Institute of Health, and is now the Head of Department of Pharmacology and the Dean Faculty of Pharmacy in Anadolu University. He has published more than 160 papers in reputed journals cited around 1800 times and has been serving as an Editorial Board Member of reputed. He participated in many scientific juries, boards and commissions and has various national and international awards and prizes.

[yozturk@anadolu.edu.tr](mailto:yozturk@anadolu.edu.tr)

### Notes: