

<b>Herbal medicines for diabetes: Insights and recent advancement</b>	
Authors	Mohammad Fareed a, Anis A. Chaudhary b
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<p>Abstract: Diabetes is a metabolic disorder characterized by hyperglycemia due to under secretion of insulin hormone from beta cells of the pancreas. Diabetes may also be caused due to the insulin resistance of the body cells in which the cells become unable to receive insulin, in spite of its normal secretion. Herbal medicines for diabetes have a very significant importance in the regulation of blood glucose level. Unlike pharmaceutically synthesized drugs for diabetes, herbal drugs have negligible adverse effects, and they can be consumed by the patient over a long period of time. There are many active compounds which are present in these herbal products which have anti-diabetic potential. In this chapter, importance of different herbal plants and their extracts for the treatment of DM has been discussed. The recent advancement and development for the efficacy of these herbal plants in treatment of diabetes is explained by cellular and molecular mechanism for active compounds present in these herbal drugs as evidenced by some laboratory-based studies</p>	