OMICS Group Conferences
Accelerating Scientific Discovery

3rd World Congress on
Cancer Science & Therapy
October 21-23, 2013 DoubleTree by Hilton Hotel San Francisco Airport, USA

Cancer – Could be cured?

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Abstract

In the animal models of glucose dependent cancer growth, the growth is decreased 15-30% through the use of low-carbohydrate, calorically restricted and/or ketogenic diet. The remaining growth depends on glucose formed by the liver-kidney gluconeogenesis as is the case in the cancer cachexia. It is hypothesized that a new treatment for cancer diseases should be explored which includes the ketogenic diet combined with the inhibition of gluconeogenesis by the anti-diabetic drug metformin. Such treatment should induce the hypoglycemia with hypoxia similar to that observed during spontaneous remission of cancer.