

## Discovery by Diabetes Center Researchers Helps to Explain How T2D Develops in People with Obesity

Mar 10, 2016



***Finding sheds new light on how to prevent T2D and other metabolic diseases linked to excess dietary fat***

Diabetes Center at UCSF

SAN FRANCISCO (March 10, 2016) ? A research team led by the Diabetes Center?s Suneil Koliwad, MD, PhD, the Gerold Grodsky, PhD/JAB Chair in Diabetes Research, has discovered a pathway through which unhealthy saturated fats can ?short-circuit? immune cells, triggering an inappropriate inflammatory response. Published today in the influential journal *Cell Reports* [1], the finding has important implications for the development of potential therapies to reduce the risk of type 2 diabetes.

Read more about the Koliwad team?s research [here](#) [2].

(Photo credit: Steve Babuljak)

---

**Source URL:** <http://diabetes.ucsf.edu/news/discovery-diabetes-center-researchers-helps-explain-how-t2d-develops-people-obesity>

**Links:**

[1] [http://www.cell.com/cell-reports/abstract/S2211-1247\(16\)30174-](http://www.cell.com/cell-reports/abstract/S2211-1247(16)30174-)

7?\_returnURL=http%3A%2F%2Flinkinghub.elsevier.com%2Fretrieve%2Fpii%2FS2211124716301747%3Fshowall%  
[2] <https://www.ucsf.edu/news/2016/03/401906/saturated-fat-short-circuits-immune-cells-trigger-inflammation>