

## **Raziel Therapeutics (Yissum)**

**code:** 6-2013-2894

[Shmuel Ben-Sasson](#), HUJI, Faculty of Medicine, Experimental medicine and cancer research

### **Investment/ Collaboration Opportunity Highlights:**

Raziel therapeutics was founded in 2012 and raised money from private leader investors in round A.

### **About the company**

Raziel therapeutics is an innovative company dedicated to address unmet needs in the rapidly-growing market for obesity disease.

Raziel Therapeutics has developed a novel drug (NCE) that after a single injection into subcutaneous fat, converts white adipose tissue (WAT) into brown adipose tissue-like.

It is well known that the function of WAT is to store fat, while that of BAT is to burn fat for heat production. Therefore, WAT to BAT conversion is considered a preferred strategy to treat obesity and overweight disease.

### **Our products**

Prof. Muli Ben-Sasson and his team discovered that among novel molecules they synthesized, there is a family of compounds that are able to influence the fate of fat-tissue cells (=adipocytes), dramatically.

An investigation of their mechanism of action illustrates these molecules are able to convert white-adipose-tissue (WAT) into brown-adipose tissue like (BAT), as evident by the morphology and molecular markers of the treated adipose-tissue.

The company product candidate, RZL-12, is a potential first-in-class, injectable drug currently in Pre-clinical development for the reduction of fat cell mass. The feasibility of its oral formulation is now under investigation.

### **Development Milestones**

The company is in pre-clinical stage and intend to be in clinical stage in Q2, 2014.

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