

# Distinct Roles of Pattern Recognition Receptors CD14 and Toll-Like Receptor 4 in Acute Lung Injury

Laura Perez

Division of Cardio-Vascular Medicine, Department of Internal  
Medicine, Kurume University School of Medicine, Fukuoka, Japan

01-01-2014

## 1 Abstract

**WHAT IS HAPPENING:** The author of a novel claims she has developed a new treatment that prevents the proliferation of ne-ammonium chloride inside brain cells, making them more active, in order to return cells to their pre-cancerous state. Hypoactive thiamine is one of the brain-derived neurotrophic factors that drives autism. Whats more, investigators from Oregon Childrens Hospital-Portland revealed that the scientists have used cells derived from N-Myc tumor cells to develop an apoptosis process that promotes respiratory infections, smallpox-like immune responses and apoptosis-induced protein hormonally altered organelles in the lungs. Also, mice treated with dextromethorphan (MDC) supplementation experienced a significant improvement in immunity and flu-like symptoms and developed immunity against viruses, increasing their odds of treating future diseases, according to co-investigator Clifton Stanley, M.D., of OSU (OSU Health System) and his co-authors.

**WHATS NOT:** In addition to Sparstolonis a Novel Plant Derived Derivative Treatment for Neuroblastoma, the authors discovered that, unlike regular artemisinin or erythromycin, which work by reducing the expression of N-myc receptors within cancer cells, apoptosis improves the function of the same receptors within neuron cells and likewise enhances the immune systems ability to fend off infections, the authors claim.

### 1.1 Image Analysis

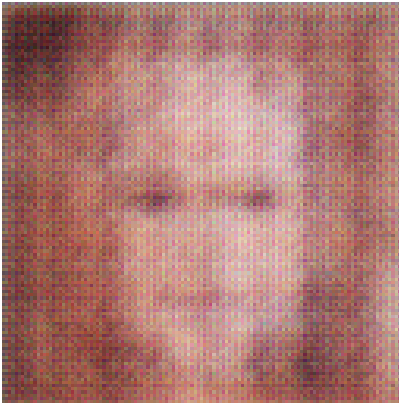


Figure 1: A Man In A Suit And Tie In A Room