



## НОВИНИ

### THE NOBEL PRIZE IN PHYSIOLOGY OR MEDICINE 2015



**William C. Campbell**  
(Born in 1930 in Ireland)  
Research Fellow Emeritus at  
Drew University, Madison,  
New Jersey, USA



**Satoshi Ōmura**  
(Born in 1935 in Japan)  
Professor Emeritus at  
Kitasato University, Japan



**Youyou Tu**  
(Born in 1930 in China)  
Chief Professor at the China  
Academy of Traditional  
Chinese Medicine

The Nobel Prize in Physiology or Medicine 2015 was divided, one half jointly to **William C. Campbell** and **Satoshi Ōmura** “for their discoveries concerning a novel therapy against infections caused by roundworm parasites” and the other half to **Youyou Tu** “for her discoveries concerning a novel therapy against Malaria”.

According to the press release by the Nobel Assembly at Karolinska Institutet, this year’s Nobel Laureates have developed therapies that have revolutionized the treatment of some of the most devastating parasitic diseases.

William C. Campbell and Satoshi Ōmura discovered a new drug, Avermectin, the derivatives

of which have radically lowered the incidence of River Blindness and Lymphatic Filariasis, as well as showing efficacy against an expanding number of other parasitic diseases. Youyou Tu discovered Artemisinin, a drug that has significantly reduced the mortality rates for patients suffering from Malaria.

These two discoveries have provided humankind with powerful new means to combat these debilitating diseases that affect hundreds of millions of people annually. The consequences in terms of improved human health and reduced suffering are immeasurable, according to the Nobel Assembly.

[http://www.nobelprize.org/nobel\\_prizes/medicine/laureates/2015/](http://www.nobelprize.org/nobel_prizes/medicine/laureates/2015/)