

"For the greatest benefit to mankind"
Alfred Nobel

2015 NOBEL PRIZE IN PHYSIOLOGY OR MEDICINE

William C. Campbell
Satoshi Ōmura
Youyou Tu



Press Release

2015-10-05

The Nobel Assembly at Karolinska Institutet has today decided to award
the 2015 Nobel Prize in Physiology or Medicine
with 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

给屠呦呦的授奖词：

疟疾的传统疗法是氯喹或奎宁，但其疗效正在减低。20世纪60年代，消除疟疾的努力遭遇挫折，这种疾病的发病率再次升高。中国科学家屠呦呦从传统中草药里找到了战胜疟疾的新疗法。她通过大量实验锁定了青蒿这种植物，但效果并不理想。屠呦呦因此再次翻阅大量医书，最终成功提取出了青蒿中的有效物质，之后命名为青蒿素。屠呦呦是第一个发现青蒿素对疟疾寄生虫有出色疗效的科学家。青蒿素能在疟原虫生长初期迅速将其杀死，在未来的疟疾防治领域，它的作用不可限量。

