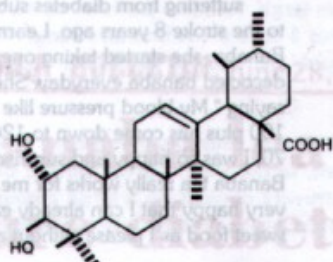
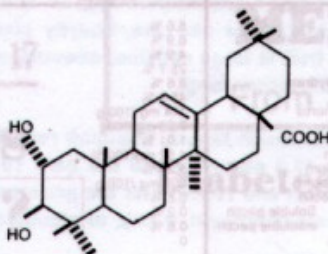


Discovery of Organic Insulin from the Philippine

Banaba: A Medical Breakthrough

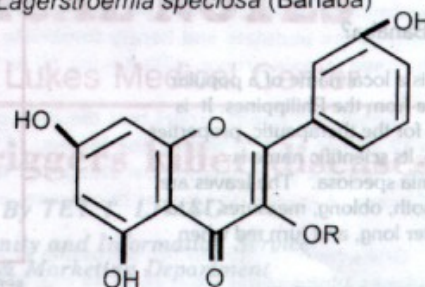


corosolic acid (1)



maslinic acid (2)

Compounds isolated from
Lagerstroemia speciosa (Banaba)



R = SO₃H : 3

R = H : kaempferol (3a)

CLINICAL STUDIES conducted last year confirmed the hypoglycemic effects of the substance called "Corosolic Acid" contained in the leaves of Banaba plant from the Philippines. Banaba has long been recognized for its treatment of diabetes and its other uses as a natural remedy.

In a press conference dubbed "Banaba Press Night" held at the Media Lounge of the Foreign Correspondents' Club of Japan (FCCJ) in Chiyoda-ku, the successful conclusion of the clinical test that Banaba contains corosolic acid effective as an anti-diabetic substance, was officially announced to the public. It was attended by journalists of foreign and Japanese newspapers, news agencies, and magazines. The recently held press conference also gave wide publicity on the Philippine Banaba as an agent for the maintenance of low blood pressure and improved kidney functions without side effects.

In his presentation, Dr. Yoshio Ikeda, an authority in Clinical and Preventive Medicine on Diabetes and Obesity at The Jikei University School of Medicine, has confirmed substantial reduction of glucose level, with a variable significance of 99.7 percent. His findings supported prior studies conducted by doctors of Hiroshima and Tohoku Universities that Corosolic Acid, when taken orally, exerts an action similar to that of insulin in controlling blood sugar levels.

The recent laboratory test also demonstrated the substance's hypoglycemic effects in aerosol application and indicated a possibility of formulation in moisture. It was proven that the Corosolic Acid in Banaba acts as an anti-diabetic agent. It is a real medical breakthrough - that diabetes can be controlled without medication, but only through a food diet.

The Banaba Press Night was organized by the Office of the Commercial Counsellor of the Embassy in coordination with the Foreign Information Office. It was co-organized by Use-Techno Corp., Mitsui & Co., Ltd., and the Foreign Correspondents' Club of Japan (FCCJ). FCCJ comprises about 400 regular members, representing every major and many minor news organizations from around the world including Japan.



Commercial Counsellor Roman Baltazar speaks before Japanese and foreign journalists and mediamen during the recently conducted "Banaba Press Night" where the results of a clinical study confirming the hypoglycemic effects of the Philippine Banaba was publicly announced.



Photo shows Commercial Counsellor Roman Baltazar (left) and Minister & Consul Marilyn Alarilla (middle) of the Philippine Embassy-Tokyo presenting a plaque of appreciation to Dr. Kazuo Yamasaki (right), Professor, Institute of Pharmaceutical Sciences, Hiroshima University School of Medicine, in recognition for his contribution in the pharmaceutical substantiation of the hypoglycemic effects of the Philippine Banaba.