

ABSTRACT

The World Health Organization (W.H.O.) has a special interest in the search of plant materials having anti-fertility activities in men or women.

Many medicinal plants can be found in Central Kalimantan and amongst them are used as traditional drugs for birth control.

A preliminary study has been done on 3 kinds of plant materials which are used traditionally by the local people of Central Kalimantan for birth control, including :

- Roots and stems of Rangkap Alam.
- Bark of Mousorujen.
- Roots of Kocohurung.

The study using mice as experimental animals indicated that all 3 of the plant materials had a certain activity on the oogenesis and could decrease the pregnancy of the experimental animals.

Further study could be done to isolate and study the chemical properties and structure of the active compounds, its toxicity, safety for use and the mechanism of its action, which could be followed to study its application for the family planning programme.