The 1st Public Health International Conference (PHICo 2016) will be held on 1st and 2nd of December 2016 in Medan, North Sumatra, Indonesia. The organizing committee of PHICo 2016 devotes itself to supply to you and all conference participants the most cutting-edge updated information relevant to public health.

The PHICo 2016 program consists of interactive presentation sessions, keynote presentations from experts in the related fields, case studies and social events including a cultural show along with the networking dinner, and post conference tour. We assure that you will find what you expected to see and experience with PHICo 2016.

Please click here for the conference website.
PHICo stands for Public Health International Conference, which is planned to be held every year, especially during the anniversary of public health faculty, Universitas Sumatera Utara, Indonesia. PHICo is an effort to show that world health issues can be shared and sought solving together with academics, experts, observers, consultants, government and parties related to health problems. The first PHICo was held on December 1-2, 2016. The theme was Tropical Health and Universal Coverage, and the sub-theme is Reaching Universal Coverage in Managing Tropical Diseases. This was due to the problem of climate-change impacts, which are the priority of discussion of public health experts around the world.

Because the field of public health was too broad, then, in order to be more specifically discussing the impact of climate change, the papers are being divided again by the field of public health (panels). The panels are the Environmental Health and Safety, Epidemiology and Surveillance, Health Promotion, Health Policy Analysis, Health information System, Public Health Nutrition, Reproductive Health and
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Turmeric Can Prevent Cochlear Damage Due To Ototoxic Drugs
Tengku S.H. Haryuna, Sari Anggraini

The high use of ototoxic drugs, especially antibiotics such as aminoglycosides and anticancer drugs such as cisplatin still cannot be avoided as a therapeutic option. The use of ototoxic drugs can cause damage to the cochlea, vestibule, and semicircular canals leading to hearing loss and balance disorders...

The Relation Of Peer Group With The Self-Concept Of Teenagers On Sexual Behavior
Delfriana Ayu A., Dinda Aljasina, Prodalima Simulingga

Unhealthy sexual behavior among the teenagers, especially in those who are still single, tends to be increasing. Self-concept has influence on the behavior of the teenagers in which the teenagers will behave in accordance with the self-concept they own. The factor that can influence the forming of the...

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Life expectancy of women is higher compared to men, this affects the number of elderly women more than men. However, if the number of elderly women are not qualified, it will be burden for development. In order to maximize the role of service to elderly, it is needed to know first the needs of elderly...

Correlation Between 25-Hydroxyvitamin D and Estradiol Serum Level in Determining Bone Density in Menopausal Women
Muhammad Ruada

Postmenopausal osteoporosis is one of the world's concern with high morbidity and mortality which is marked by low bone density which makes the bone fragile and increases the risk of fracture. It had be known that estrogen plays a role in women's bone health, that is to maintain the activity of osteoblasts...
Identification of JAK2V617F Mutation on Myeloproliferative Disorders in Medan

Dwi Rita Anggraini, Hidayat Hidayat, Mega Sitorus

Myeloproliferative disorders (MPD) form a range of clonal haematological malignant diseases, the main members of which are Polycythemia Vera (PV), Essential Thrombocythaemia (ET), and Primary Myelofibrosis (PMF). The molecular pathogenesis of these disorders is unknown, but gene JAK2, which encodes...

The influence of sociocultural, environmental factor and Aedes larvae density on transmission of dengue hemorrhagic fever in North Sumatera Province

Fazidah A Siqegaq, Destanul Anila

Many factors are responsible for high incidence of dengue hemorrhagic fever (DHF). Moreover, the existence of Aedes mosquitoes plays a role in DHF transmission and larval indices was used as indicators to monitor Aedes populations. The present study determined the influence of socio-cultural, environmental...

Relationship between Smoking and Hypertension in Patients with Stroke

Cut Azia Arina, Cut Aryfa Andra

Smoking and hypertension have an important role in mechanism of stroke, both of it also act as major risk factor of stroke. The purpose of this study was to know the relation between smoking and hypertension in patients with stroke. This study is a cross sectional study, the sample was taken consecutively....