



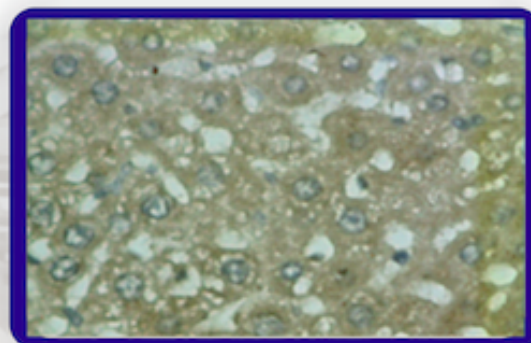
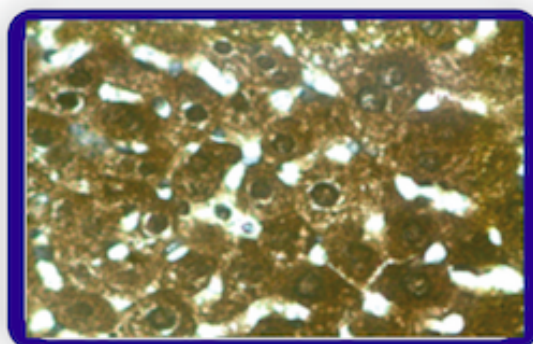
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Cover Picture :

"Total Phenolic Content of Ethanol ...

(see Asrin *et al.* pages 101-109)

INDONESIAN JOURNAL OF CANCER CHEMOPREVENTION ARTICLES

- Methanolic Extract of Red Betel Leaves (*Piper crocatum* Ruiz & Pav) Perform Cytotoxic Effect and Antimigration Activity toward Metastatic Breast Cancer (Meirizky Zulharini, Ika Rahmawati Sutejo, Hilyatul Fadliyah, Riris Istighfari Jenie) 94-100
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- Combination of Curcuma (*Curcuma xanthorrhiza* Roxb) Rhizome Ethanol Extract and Awar-Awar (*Ficus septica* Burm.F) Leaves Ethanol Extract Increases Cisplatin Cytotoxicity on T47D Breast Cancer Cells through Cell Cycle Modulation (Devi Nisa Hidayati, Riris Istighfari Jenie, Edy Meiyanto) 120-125
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Preface

Indonesian Journal of Cancer Chemoprevention (IJCC) is an Indonesian leading journal in cancer chemoprevention with international level. We publish all aspects of cancer chemoprevention, including experimental and clinical pharmacology, cancer detections and also applications of stem cell technology, immunology research, *in vitro* and *in silico* exploration on chemoprevention mechanisms, screening of natural (plants, marine natural products, etc.) and synthetic chemopreventive agents, cultivation of chemopreventive plants and development of herbal dosage forms for chemoprevention, and development of herbal cosmetics formulation. The current issue contains six articles with some topics especially related with herbal medicine development for cancer prevention.

Zulharini et al. and Hidayati et al. consecutively explored the cytotoxic potency of Red Betel leaves (*Piper crocatum* Ruiz & Pav) and combination of curcuma (*Curcuma xanthorrhiza* Roxb) rhizome and Awar-awar (*Ficus septica* Burm.F) leaves against breast cancer cell model although the approach used is different. Another *in vitro* studies was carried out by Sari et al. who has proven that Black Pepper (*Piper nigrum* L.) performed the cytotoxic effect and reduced the genotoxicity of doxorubicin. Through *in vivo* study, Asrin et al. revealed that *Artocarpus camansi* leaves can increase the level of the SOD (superoxide dismutase), one of endogenous antioxidant neutralizing the excess of ROS so that one of cancer causes can be prevented. In addition to Asrin et al., Aprianto et al., and Putri et al., were also published their *in vivo* study but in different topics. Aprianto et al. evaluated the antigenotoxic activity of Rumpit Mutiara (*Hedyotis corymbosa* L.) on cyclophosphamide-induced mice whereas Putri et al. found the new fact that Secang Heartwood (*Caesalpinia sappan* L.) acts as free radical scavenger by way of mesenchymal stem cells senescence inhibition.

We wish to thank the authors contributed in this issue. Editors encourage other researchers to explore more combination chemotherapy agent and molecular mechanisms, and published the articles in IJCC.

Sincerely,

Dr. Arry Yanuar, M.Si., Apt.
Editor-in-Chief, Indonesian Journal of Cancer Chemoprevention (IJCC)

