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EFFECT OF TRANSEXTENSIVE CEREBROSPINAL FLUID IN PATIENT WITH
SEVERE BRAIN DAMAGE WITH THIN ACUTE SUBDURAL BLEEDING. A COMPARATIVE STUDY
WITH DECOMPRESSION TREPNATION ACTION
(Khami Thohari, Muhammad Arifin Paremanggi)

UTILIZATION OF EXTRACT PHALERIA (PHAERIA MACROCARPA) AS A PRECAUTION AGAINST
CARBON TETRACHLORIDE INDUCED HEPATOTOXICITY IN MICE
(Keny Zahrom, Rochmat Kumawati)

COMPARATIVE EFFECTIVENESS CHLORHEXIDINE GLUCONATE 0.2% AND
POVIDONE-IODINE 1% AS AN ANTISEPTIC TO DECREASE DENSITY LEVEL OF INTRAORAL GERMS
IN MAXILLOFACIAL FRACTURE SURGERY
(Hantoro Ishyadkjanto)

CYCLIN D1 EXPRESSION RELATIONSHIP WITH CLINICAL STAGE, GRADING GLAND METASTASIS
OF TUMOR CELLS AND SQUAMOUS CELL IN CERVICAL CARCINOMA
(Silvanius Arvian, Suharto Endang, Yoeswarini)

IDENTIFICATION OF FUNCTIONAL CLUSTER OF EXTRACT PARASITE DUKU
(LORANTHACEAE DEANDROPOHAE SPECIES) WITH FT-IR SPECTROMETER
(Arifa Mustika, Roestanti Indrawati, Rabia Sofian Munir)

PCR INHIBITOR CONTAMINANT DETECTION FROM EXTRACTION PRODUCTS OF RESIN CHELATING
DNA IN FORENSIC DNA IDENTIFICATION
(Agung Sosawna, Soekry Erfan Kusuma)

EVENTS AND RISK FACTORS OF DEVELOPMENTAL DISORDERS IN LOW BIRTH WEIGHT BABIES
(Dina Djojohusodo, Soetjiningsih, Windru Purnomo)

CORRELATION OF C-ERBB2 EXPRESSION IN UNDIFFERENTIATED NASOPHARYNGEAL CARCINOMA AND
TUMOR SIZE (T-STAGE), REGIONAL LYMPH NODES STATUS (N-STAGE), AND RADIATION RESPONSE
(Diyah Fauziah, Ani Sumardika, Farook Hoesin)

MACROPHAGE BETWEEN THE FIRST AND THIRD DAY OF CLOSED FEMORAL FRACTURE
(Putu Astawa)

PARASITOLOGICAL EXAMINATION OF IMPORTED AND INDIGENOUS MALARIA IN TEGALOMBO
COMMUNITY HEALTH CENTER, PACITAN DISTRICT, EAST JAVA PROVINCE
(Kusmantiaswati, SW Sulistyawati, H Arwati)

Review Article:
HOW TO MANAGE ENDOMETRIOMA BY LAPAROSCOPY? ABLATION OR EXCISION?
(RY Primarwikan)

Review Article:
ANATOMICAL ASPECT OF SHOULDER JOINT DISLOCATION FOR VOLLEYBALL PLAYERS
(Yuliana)

Review Article and Clinical Experience:
THE 22 PLEIOTROPIC PROPERTIES OF STATIN AND CARDIOVASCULAR DISEASES
The Roles of Atherosclerosis with Its PPRECAT-GOMMESAAB Effects
(Askandar Tjoeprawiro)

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# Table of Contents

<table>
<thead>
<tr>
<th>No.</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Utilization of Extract Phaleria (Phaleria Macrocarpa) as a Precaution against Carbon Tetrachloride Induced Hepatotoxicity in Mice</td>
<td>-</td>
</tr>
<tr>
<td>2</td>
<td>Effect of Transventricular Cerebrospinal Fluid in Patient with Severe Brain Damage with Thin Acute Subdural Bleeding. A Comparative Study with Decompression Trepanation Action</td>
<td>244 - 248</td>
</tr>
<tr>
<td>3</td>
<td>Comparative Effectiveness between Chlorhexidine Gluconate 0.2% and Povidone-Iodine 1% as an Antiseptic to Decrease Density Level of Intraoral Germs in Maxillofacial Fracture Surgery</td>
<td>253 - 268</td>
</tr>
<tr>
<td>4</td>
<td>Cyclin D1 Expression Relationship with Clinical Stage, Grading Gland Metastasis of Tumor Cells and Squamous Cell in Cervical Carcinoma</td>
<td>269 - 274</td>
</tr>
<tr>
<td>5</td>
<td>IDENTIFICATION OF FUNCTIONAL CLUSTER OF EXTRACT PARASITE DUKU (LORANTHACEAE DEANDROPTHOE SPECIES) WITH FT-IR SPECTROMETER</td>
<td>275 - 277</td>
</tr>
<tr>
<td>6</td>
<td>PCR Inhibitor Contaminant Detection from Extraction Products of Resin Chelating DNA in Forensic DNA Identification</td>
<td>278 - 284</td>
</tr>
<tr>
<td>7</td>
<td>Events and Risk Factors of Developmental Disorders in Low Birth Weight Babies</td>
<td>285 - 289</td>
</tr>
<tr>
<td>8</td>
<td>Correlation of c-erbB2 Expression in Undifferentiated Nasopharyngeal Carcinoma and Tumor Size (T-Stage), Regional Lymphnodes Status (N-Stage), and Radiation Response</td>
<td>290 - 293</td>
</tr>
<tr>
<td>9</td>
<td>Macrophage between the First and Third Day of Closed Femoral Fracture</td>
<td>294 - 298</td>
</tr>
<tr>
<td>10</td>
<td>Parasitological Examination of Imported and Indigenous Malaria in Tegalambo Community Health Center, Pacitan District, East Jawa Province</td>
<td>299 - 301</td>
</tr>
<tr>
<td>11</td>
<td>Review Article: How to Manage Endometrioma by Laparoscopy? Ablation or Excision?</td>
<td>302 - 307</td>
</tr>
<tr>
<td>12</td>
<td>Review Article: Anatomical Aspect of Shoulder Joint Dislocation for Volleyball Players</td>
<td>308 - 314</td>
</tr>
<tr>
<td>13</td>
<td>Review Article: The 22 Pleiotropic Properties of Statin and Cardiovascular Diseases the Roles of Atorvastatin with Its PPECCAT-GOMMESAAB Effects</td>
<td>315 - 323</td>
</tr>
</tbody>
</table>
IDENTIFICATION OF FUNCTIONAL CLUSTER OF EXTRACT PARASITE DUKU (LORANTHACEAE DEANDROPTHOE SPECIES) WITH FT-IR SPECTROMETER

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Abstract

Identification of organic compounds in the Loranthaceae daendroptoe sp are urgently to be recognize, because it used as the first step to isolation and elucidation organic compounds in this plant and to know mechanism of action as antiproliferative cell. But a study about that is rarely. This study investigate organic compounds in the ektract of leaves Loranthaceae daendropthoe sp in methanol with identification of functional cluster by using FT-IR spectrometer. The outcome is the spectrum and to be compared with correlation charts. This study has proven the presence of functional clusters in the extract of leaves dandropthoe Loranthaceae sp in methanol ie the group of hydroxyl, carbonil, double-link carboxyl and amines.

Keyword : Loranthaceae, daendropthoe, sp., Spectrometer, functional, cluster,

Daftar Pustaka :