IMMUNOGENITY OF 32.2 KDA HEMAGGLUTININ BM PROTEIN OF Escherichia coli PILI ISOLATED FROM INFERTILE MALES’ SEMEN
(Sukarjati, Doddy M Soebadi, Aucky Hirting, Sudjarwo)

ROLE OF eHSP 72 ON THE INCREASE OF IL-6 AND NK CELLS IN PARTICIPANTS OF MAJELIS DZIKIR
(Siti Nur Asiyah)

EFFECT OF 2-METHOXYPYRANOL ON SPERM COUNT, LEUCOCYTE AND EPIDIDYMAL EPITHELIAL CELL STRUCTURE IN RATS (Rattus norvegicus)
(Afiah Hasyfri, Mustaqim, Joan, Siti Nuzulul Maskurin, Ratri Anjasari, Ergina Dairani)

REVERSIN INCREASE THE PLASTICITY OF BONE MARROW-DERIVED MESENCHYMAL STEM CELL FOR GENERATION OF CARDIOMYOCYTE IN VITRO
(Budi Susetyo Pikir, Helen Susilowati, Eryk Hendrianto, Fedik Abdurrahman)

DETECTION OF CHOLERA TOXIN-PRODUCING VIBRIO CHOLERAE AQUATIC ISOLATES IN KALIMAS RIVER, SURABAYA
(Narwati)

ENZYMATIC ANTIOXIDANT PROTECTION IN PHYSICAL EXERCISE WITH ACTIVE AND PASSIVE INTERVAL
(Sugiharto)

Review Article:
IMPROVING THE QUALITY OF WESTERN BLOT RESULT
(Viskasari Pintoko Kalantarji)

GREEN CLOVER POTENTIATES DELAYING THE INCREMENT OF IMBALANCE BONE REMODELING PROCESS IN POSTMENOPAUSAL WOMEN
(Hening Laswati Putra)

KNEE PAIN RELIEVED. THE USE OF EXTRA ANATOMY PATHWAY
(Abdurachman)

NUTRITIONAL CONDITION IN HEMODIALYSIS PATIENTS. DIFFERENCES BETWEEN GROUPS IN SURABAYA, INDONESIA AND JUNTENDO UNIVERSITY, JAPAN
(Djoko Santoso et al.)

ETIOLOGY AND RISK FACTORS FOR COMMUNITY ACQUIRED PNEUMONIA IN DR. ZAINOEL ABIIDIN HOSPITAL, BANDA ACEH
(Mulyadi, Nuzul Asmilia, Anggi Yurkno)

SEROLOGICAL SURVEY ON Avian influenza SUBTYPE H5N1 VIRAL ANTIBODY IN HEALTHY BLOOD DONOR IN SURABAYA
(Evy Diah Wolasari)

EFFECT OF TOPICAL HYALURONATE AND FREEZE-DRIED AMNION MEMBRANE ADMINISTRATION ON CK 16 PROTEIN EXPRESSION AND THE NUMBER OF EPITHELIAL LAYERS IN SUPERFICIAL WOUND OF MALE WISTAR STRAIN RATS
(Imam Susilo)
<table>
<thead>
<tr>
<th>No.</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>IMMUNOGENITY OF 32.2 kDA HEMAGGLUTININ BM PROTEIN OF Escherichia coli PILI ISOLATED FROM INFERTILE MALES' SEMEN</td>
<td>68 - 73</td>
</tr>
<tr>
<td>2</td>
<td>ROLE OF eHSP 72 ON THE INCREASE OF IL-6 AND NK CELLS IN PARTICIPANTS OF MAJELIS DZIKIR</td>
<td>74 - 80</td>
</tr>
<tr>
<td>3</td>
<td>EFFECT OF 2-METHOXYETHANOL ON SPERM COUNT, LEUCOCYTE AND EPIDIDYMAL EPITHELIAL CELL STRUCTURE IN RATS (Rattus norvegicus)</td>
<td>81 - 87</td>
</tr>
<tr>
<td>4</td>
<td>REVERSIN INCREASE THE PLASTICITY OF BONE MARROW-DERIVED MESENCHYMAL STEM CELL FOR GENERATION OF CARDIOMYOCYTE IN VITRO</td>
<td>88 - 93</td>
</tr>
<tr>
<td>5</td>
<td>DETECTION OF CHOLERA TOXIN-PRODUCING VIBRIO CHOLERAE AQUATIC ISOLATES IN KALIMAS RIVER-SURABAYA</td>
<td>94 - 101</td>
</tr>
<tr>
<td>6</td>
<td>ENZYMATIC ANTIOXIDANT PROTECTION IN PHYSICAL EXERCISE WITH ACTIVE AND PASSIVE INTERVAL</td>
<td>102 - 107</td>
</tr>
<tr>
<td>7</td>
<td>Review Article: IMPROVING THE QUALITY OF WESTERN BLOT RESULT</td>
<td>108 - 111</td>
</tr>
<tr>
<td>8</td>
<td>GREEN CLOVER POTENTIATES DELAYING THE INCREMENT OF IMBALANCE BONE REMODELING PROCESS IN POSTMENOPAUSAL WOMEN</td>
<td>112 - 117</td>
</tr>
<tr>
<td>9</td>
<td>KNEE PAIN RELIEVED. THE USE OF EXTRA ANATOMY PATHWAY</td>
<td>118 - 121</td>
</tr>
<tr>
<td>10</td>
<td>NUTRITIONAL CONDITION IN HEMODIALYSIS PATIENTS. DIFFERENCES BETWEEN GROUPS IN SURABAYA, INDONESIA AND JUNTENDO UNIVERSITY, JAPAN</td>
<td>122 - 126</td>
</tr>
<tr>
<td>11</td>
<td>ETIOLOGY AND RISK FACTORS FOR COMMUNITY ACQUIRED PNEUMONIA IN DR. ZAINOEL ABIDIN HOSPITAL, BANDA ACEH</td>
<td>127 - 129</td>
</tr>
<tr>
<td>12</td>
<td>SEROLOGICAL SURVEY ON Avian influenza SUBTYPE H5N1 VIRAL ANTIBODY IN HEALTHY BLOOD DONOR IN SURABAYA</td>
<td>130 - 136</td>
</tr>
<tr>
<td>13</td>
<td>EFFECT OF TOPICAL HYALURONATE AND FREEZE-DRIED AMNION MEMBRANE ADMINISTRATION ON CK 16 PROTEIN EXPRESSION AND THE NUMBER OF EPITHELIAL LAYERS IN SUPERFICIAL WOUND OF MALE WISTAR STRAIN RATS</td>
<td>137 - 142</td>
</tr>
</tbody>
</table>
ROLE OF eHSP 72 ON THE INCREASE OF IL-6 AND NK CELLS IN PARTICIPANTS OF MAJELIS DZIKIR

ROLE OF eHSP 72 ON THE INCREASE OF IL-6 AND NK CELLS IN PARTICIPANTS OF MAJELIS DZIKIR

1. Siti Nur Asiyah --> Psychology Study Program, Faculty of Dakwah, IAIN Sunan Ampel, Surabaya

Abstract

The background of this research was based on encouraging phenomena in today’s modern society. They do not only make dzikir group as a facility for praying, but also to have a sense of peacefulness, to be healthy, to have physical and psychological fitness, and even to heal diseases. This research goal was to disclose the mechanism of increasing immunity as a result of dzikir activities in dzikir group. The category of this research was observational. The design used in this research was time series by using 3 variables eHSP 72, IL-6 and NK cell. The result of this research showed that HSP 72 increased continuously from observation 1, observation 2 and observation 3, that was 0.006 (sig.= 0.006) or p<0.05. Moreover, the number of NK cells in 3 times observation was 0.076 (sig.= 0.076) or p > 0.05. Furthermore, the examination result of IL-6 in 3 times observation was 0.123 (sig.= 0.123) or p > 0.05. The conclusion of this research is that activities in dzikir can increase the value of eHSP 72 in the circulation. However, the increase of HSP 72 cannot significantly increase the IL-6 and NK cell, even though descriptive data show that IL-6 and NK cell increase during 3 times observation.

Keyword : dzikir, group, immunity, eHSP, 72, IL-6, NK,

Daftar Pustaka :