

1st International Conference on Health Sciences and Biotechnology (ICHB 2021)

The Role of Health Sciences and
Biotechnology Innovation in the New
Normal Era

Advances in Health Science Research Volume 47

Online

3 - 4 November 2021

Editors:

**Abu Bakar
Rinnita Amelia**

**Shih-Chieh Lee
Valendriyani Ningrum**

ISBN: 978-1-7138-4492-1

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2022) by Atlantis Press
All rights reserved.
Copyright for individual electronic papers remains with the authors.

For permission requests, please contact the publisher:

Atlantis Press
Amsterdam / Paris

Email: contact@atlantis-press.com

Conference Website: <http://www.atlantis-press.com/php/pub.php?publication=ichb-21>

Printed with permission by Curran Associates, Inc. (2022)

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2633
Email: curran@proceedings.com
Web: www.proceedings.com

TABLE OF CONTENTS

NEUROLOGICAL ANALYSIS OF BRAIN WAVE DISORDERS OF SPEECH DELAYED CHILD.....	1
<i>Yulianita Yulianita, Rika Amran, Amrizal Arief</i>	
IN VIVO HISTOPATHOLOGICAL WOUND HEALING IN MICE (MUS MUSCULUS) OF SURUHAN EXTRACT (PEPEROMIA PELLUCIDA L. KUNTH).....	5
<i>Dessy Abdullah, Nadia Purnama Dewi, Ade Teti Vani, Helvina Amalia</i>	
THE EFFECTIVENESS OF HEALTH COUNSELING USING VIDEO MEDIA IN INCREASING ADOLESCENT KNOWLEDGE ABOUT PREVENTION OF EARLY MARRIAGE AT SMAN 2 PASAMAN KABUPATEN PASAMAN BARAT YEAR 2021	11
<i>Nova Arikhman, Silvia Rosa, Chamy Rahmatika</i>	
ASSESSMENT OF GENDER, ROLE MODEL, PATIENT INVOLVEMENT AND KNOWLEDGE ON COMPLIANCE USING PERSONAL PROTECTIVE EQUIPMENT (PPE) AMONG DENTAL STUDENTS: A CROSS-SECTIONAL STUDY.....	16
<i>Valendriyani Ningrum, Abu Bakar</i>	
BEHAVIOR AND ROLE OF ELEMENTARY SCHOOL TEACHERS IN PHBS PATTERNS AND PREVENTION OF THE COVID-19 PANDEMIC DURING THE NEW NORMAL (ADAPTATION PERIOD)	20
<i>Dian Eka Nursyam, Zufrias Riaty</i>	
NUTRITION EVALUATION OF ETAWA CROSSBREED DAIRY GOAT'S MILK AS HUMAN FOOD TO INCREASE IMMUNITY DURING THE COVID-19 PANDEMIC	24
<i>Novirman Jamarun, Rahmani Welan, Arief Arief, Gusri Yanti, Roni Pazla</i>	
ORAL AND CLINICAL MANIFESTATION EXPERIENCE AMONG COVID-19 PATIENTS IN KAMPUNG NELAYAN, PADANG, INDONESIA	29
<i>Abu Bakar, Valendriyani Ningrum</i>	
HUMAN RESOURCES (HR) ADDITION PLANNING FOR THE MARKETING DIVISION DEVELOPMENT AND MARKETING STRATEGY IN SITI HAWA PADANG MOTHER AND CHILD HOSPITAL.....	33
<i>Hanim Khalida Zia, Nur Indrawaty Lipoeto, E Basyaruddin</i>	
THE EFFECT OF APPLE GUAVA JUICE ON MACROPHAGES LEVEL IN MICE WOUND ON FIFTH DAY	36
<i>Agustika Antoni, Nicen Suherlin, Sri Oktarina</i>	
CORRELATION BETWEEN PARENTAL READINESS AND FAMILY SOCIAL SUPPORT WITH PARENTING SELF-EFFICACY (PSE) IN EARLY MARRIAGE MOTHER AT THE VILLAGE OF WARUNG MENTENG BOGOR, WEST JAVA.....	43
<i>Rita Dwi Pratiwi, Junaida Rahmi</i>	
RELATIONSHIP RADIOGRAPHER KNOWLEDGE LEVEL WITH COMPLIANCE LEVEL OF THE USE OF PERSONAL PROTECTION EQUIPMENT (PPE) AT DR.M.DJAMIL HOSPITAL.....	51
<i>Oktavia Puspita Sari, Anugrah Mentari</i>	
FACTORS RELATED TO THE PREFERENCE OF HORMONAL CONTRACEPTION METHODS IN THE WORKING AREA OF THE PUSKESMAS LUBUK BUAYA, PADANG CITY IN 2021	55
<i>Hilda Hidayat, Eka Trio Effandilus, Hardiana Dwi Octovia</i>	

THE EFFECTS OF GIVING PROBIOTICS IN DADIAH SAMPLED ON INCREASING IMMUNOGLOBULIN A (IGA) OF INTESTINAL TISSUE IN RATS MODEL OF DIABETIC NEPHROPATHY	65
<i>Rinita Amelia, Meta Oktora</i>	
COVID-19 EDUCATION AND VACCINATION IN REDUCING STUDENTS' ANXIETY LEVELS AT SMP 2 SILAUT	70
<i>Anggra Trisna Ajani, Mega Adyna Movitaria, Nopan Saputra, Yance Komelasari</i>	
APPLICATION OF LEADERSHIP STYLE TO PATIENT SAFETY CULTURE IN HOSPITALS.....	74
<i>Iswenti Novera, Aric Frendi Andriyan, Nicen Suherlin</i>	
RISK FACTORS AND PROBABILITY OF BREAST CANCER IN WOMEN IN WEST SUMATERA: A CASE-CONTROL STUDY.....	77
<i>Sukmayenti Sukma, Nursyirwan Effendi, Wirsma Arif Harahap, Hardisman Dasman</i>	
THE EFFECT OF A-MANGOSTEEN ON RUNT-RELATED TRANSCRIPTION FACTOR 2 AND TARTRATE-RESISTANT ACID PHOSPHATASE 5B EXPRESSIONS ON BONE REMODELING IN PERIODONTITIS (AN EXPERIMENTAL RESEARCH ON WISTAR RATS)	84
<i>Citra Lestari, Eryati Darwin, Deddi Prima Putra, Netti Suharti</i>	
THE TECHNIQUE OF RAPID ON-SITE EVALUATION ON LUNG CANCER	93
<i>Nana Liana, Salmiah Agus</i>	
THE EFFECT OF AUDIO VISUAL MEDIA APPLICATION ON WOMEN'S KNOWLEDGE OF CHILDBEARING AGE ABOUT EARLY DETECTION OF CERVICAL CANCER IN RW 03 WEST PAMULANG VILLAGE SOUTH TANGERANG CITY	100
<i>Siti Novy Romlah, Ikada Septi Arimurti, Rita Dwi Pratiwi, Ida Listiana, Tukimin Bin Sansuwito, Aggita Lutfiana</i>	
ESTIMATION OF NEW EQUATION FOR TRIANGLE ANTERIOR DENTAL ARCH FORM IN SUB-RACE DEUTRO MALAY	105
<i>Hidayati Hidayati, Desy Purnama Sari</i>	
OVERVIEW OF OWNERSHIP AND ACCESS OF LATRINES WITH SPATIAL APPLICATIONS IN KALUMBUK VILLAGE OF KURANJI HEALTH CENTER WORK AREA YEAR 2020	108
<i>Mahaza Mahaza, R.Firwandri Marza, Sri Lestari Adriyant, Ichlasul Arby</i>	
MANAGER ROLE IN HEALTH PROTOCOL COMPLIANCE FOR HEALTH OFFICERS.....	113
<i>Nurmaines Adhyka, Intan Kamala Aisyiah</i>	
DIFFERENCES IN ESTRADIOL HORMONE LEVELS BASED ON THE FIRST PREGNANT AGE IN BREAST CANCER WOMEN AND NON BREAST CANCER	119
<i>Nirmala Sari, Firdawati Firdawati</i>	
ANALYSIS OF HEMOGLOBIN LEVELS AND HEMATOCRITE VALUE IN STUNTING CHILDREN IN BUKIT SILEH, SOLOK REGENCY	122
<i>Zufrias Riaty, Dian Eka Nursyam</i>	
COMPARISON OF EXPOSURE FACTOR USING MOVING GRID AND LISHOLM TO GET THE SAME DENSITY	126
<i>Cicillia Artitin, Wici Januarni</i>	

AN OVERVIEW OF THE KNOWLEDGE LEVEL OF FAMILY PLANNING ACCEPTORS ABOUT HORMONAL AND NON-HORMONAL CONTRACEPTION IN THE ALAI PUBLIC HEALTH CENTER WORK AREA IN 2020	129
<i>Novi Maya Sari, Hendri Devita</i>	
ORAL MANIFESTATION OF SYSTEMIC LUPUS ERYTHEMATOUS: A REVIEW	133
<i>Fitria Mailiza</i>	
THE RELATIONSHIP BETWEEN THE LEVEL OF PARENTAL KNOWLEDGE ABOUT COVID-19 AND THE APPLICATION OF CLEAN AND HEALTHY LIVING BEHAVIOR IN EARLY CHILDHOOD DURING THE PANDEMIC	138
<i>Afrah Diba Faisal, Ira Suryanis</i>	
THE CHARACTERIZATION AND TREATMENT OVERVIEW OF TYPE 2 DIABETES MELLITUS PATIENTS IN UNIVERSITAS SUMATERA UTARA HOSPITAL MEDAN IN SEPTEMBER-OCTOBER 2021	145
<i>Embun Suci Nasution, Urip Harahap, Baharudin Ibrahim, Khairunnisa</i>	
COMPARISON OF ANATOMIC IMAGES IN EXAMINATION OF THE AP AXIAL CRANIUM TOWNE'S METHOD WITH 30° AND 37° CAUDAL LIGHT DIRECTIONS TO VIEW THE FORAMEN MAGNUM.....	150
<i>Oktavia Puspita Sari, Darmania Putri</i>	
ANALYSIS OF CHARACTERISTICS ASSOCIATED WITH CERVICAL PRECANCEROUS LESIONS IN WOMEN OF REPRODUCTIVE AGE	154
<i>Hendri Devita, Novi Sari, Putri Pusalina</i>	
THE EFFECT OF STORAGE TIME ON COLONIZATION OF LACTIC ACID BACTERIA IN BREAST MILK	159
<i>Putri Pusalina, Vitri Amran, Hendri Devita</i>	
POTENTIAL FORKHEAD BOX O 3A AS PROGNOSTIC BIOMARKER IN PROSTATE CANCER.....	162
<i>Anandia Putriyuni, Meta Z. Oktora, Nurwiyeni Nurwiyeni, Tofrizal Tofrizal</i>	
DETERMINANTS OF TODDLER DEVELOPMENT FACTORS IN TERMS OF BIOLOGICAL, PSYCHOSOCIAL, FAMILY AND CUSTOMARY ASPECTS IN PADANG CITY	167
<i>Ira Suryanis, Afrah Diba Faisal</i>	
POLICY ANALYSIS OF ONE HOUSE ONE JUMANTIK MOVEMENT IN PADANG CITY	171
<i>Sevilla Ukhtil Huwaid, Hanim Khalida Zia</i>	
SIMULATION METHODS FOR EMERGENCY HANDLING PREPAREDNESS IN JUNIOR HIGH SCHOOL CHILDREN IN THE NEW NORMAL ERA	177
<i>Anggra Trisna Ajani, Mega Adyna Movitaria, Yance Komelasari, Nopan Saputra</i>	
KI-67 EXPRESSION TO DIFFER HISTOPATHOLOGICAL VARIANT BASAL CELL CARCINOMA.....	182
<i>Meta Zulyati Oktora, Silvi Yelitha, Pamela Mayorita, Hera Novianti</i>	
A NEW APPROACH TO THE TREATMENT OF ORAL CANCER WITH CEMPEDAK SEA CUCUMBER (BOHADSCH MARMORATA) OF MENTAWAI ISLANDS	188
<i>Utmi Arma, Sisca Yudistira</i>	
CHARACTERISTICS OF ANEMIA IN ELDERLY PATIENTS AT SITI RAHMAH HOSPITAL, PADANG, INDONESIA.....	192
<i>Debie Anggraini</i>	

E-HEALTH IMPLEMENTATION FROM A MEDICAL SECRET ANGLE	196
<i>Sri Siswati, Yolanda Safitri, Elsa Giatri</i>	
THE IMPACT OF GRAPTOPHYLLUM PICTUM STEEPING TO HEMORRHOID DISEASE HEALING AT SETIA INSANE CLINIC, SEPATAN TIMUR DISTRICT, TANGERANG REGENCY	202
<i>Heri Setiawan, Dewi Fitriani</i>	
THE EFFECT OF EDUCATION ON THE UNDERSTANDING AND NURSE ATTITUDE ABOUT NEEDLE STICK INJURY (NSI) IN APPLYING THE UNIVERSAL AWARENESS	209
<i>Riris Andriati, Fenita Purnama Sari Indah, Widiyo Weni Wigati</i>	
THE RELATIONSHIP OF PATIENT SATISFACTION WITH THE WAITING TIME AND FAST TRACK SERVICES: STRUCTURAL EQUATION MODELLING TEST	214
<i>Bun Yurizali, Nurmaines Adhyka</i>	

Author Index