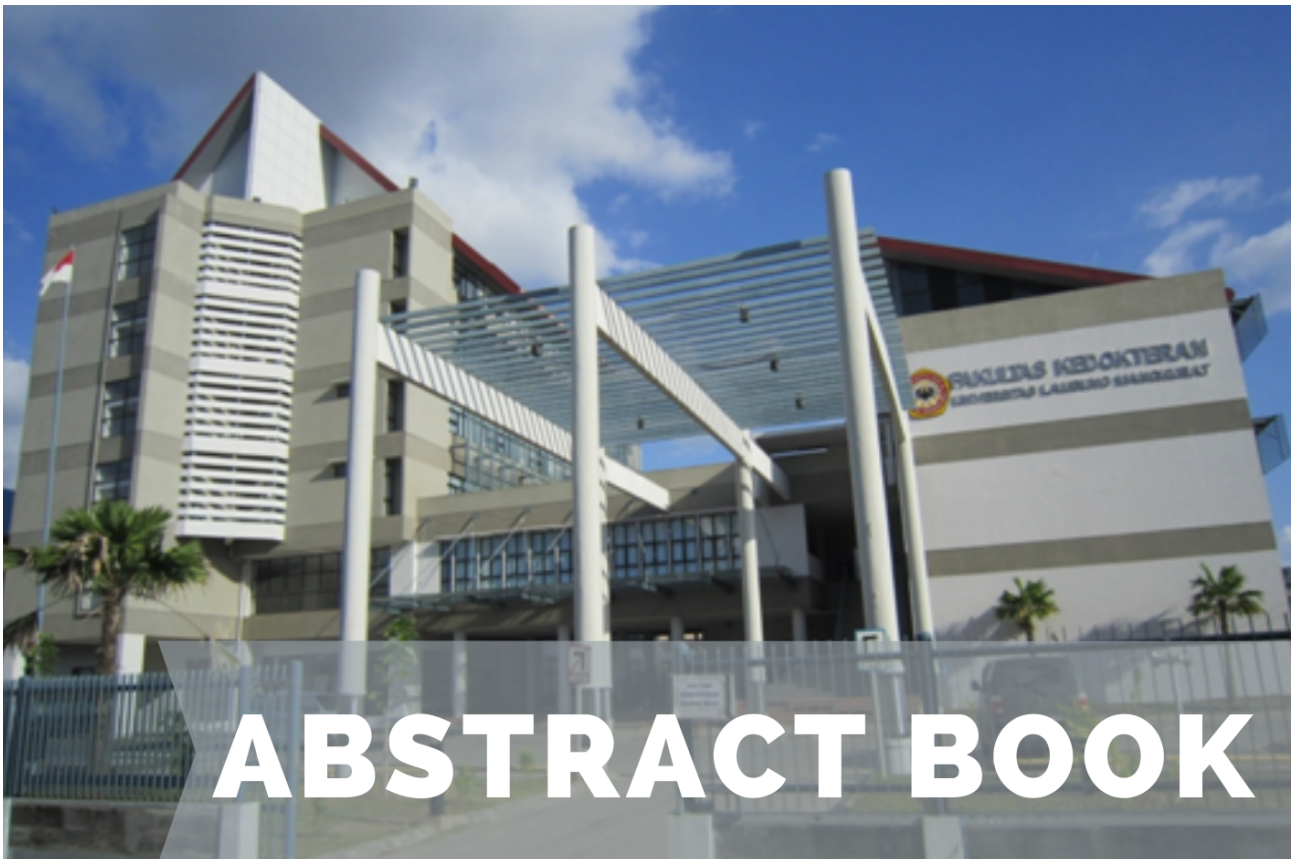




**Research Center Unit  
Faculty of Medicine  
Universitas Lambung Mangkurat**



**The 1st Health Science  
International Conference**  
*"Covid-19: Natural Resource and  
Biomolecular Aspect"*

Banjarmasin,  
November 10th-11th, 2020

## PREFACE

The Hesicon 2020 is an annual scientific meeting organized by Research Centre, Faculty Medicine, Lambung Mangkurat University Indonesia. This meeting aimed to promote mutual exchange between researchers and also experts, to discuss innovative ideas in scientific research. The Hesicon runs for 2 days, 10-11 November 2020, and consists of 4 mini symposia, they are:

- Natural Resource
- Bioinformatic
- Biomolecular
- Biomedicine

The selected papers of the conference will be published in Proceeding and Journal. Around 100 people are attending this conference. They consist of ---- presenting participants, --- non-presenting participants, 2 keynote speakers, and 4 invited guests. The theme of the Hesicon 2020 is “**Covid19: Natural Resource and Biomelocular Aspect**” which covers broad range of research in the topics of natural resources and biomedicine. This particular theme is intended to promote recent advances in the field of natural genetic resources and biotechnology as a transformative trend to address the revolution industry 4.0. This international forum also provides a platform where national and international academia or researchers, policy makers, and other stakeholders to translate technology, exchange ideas, and help stimulate multidisciplinary international collaborations in a convergent-manner for shaping a worldwide sustainable development. The Hesicon 2020 could not become a reality without the help and assistance of many parties. Thus, in this occasion I would like to sincerely thank the Rector of Lambung Mangkurat University, Research Centre of Medical Faculty, all members of the Organizing Committee, and all sponsors, who have provided meaningful help and assistance for the implementation of this conference. And last but not least, I would like to thank all of the conference participants who will contribute to making this the most memorable event of Hesicon 2020. Last but not least, we have tried to do our best to prepare Hesicon 2020. Nevertheless, there is nothing completely perfect in the world, including this conference. Therefore, please accept our deep apologizes for any inconveniences found in this conference.



Dr. Eko Suhartono  
Chairman of Conference

## Committee

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- Dean Faculty of Medicine Universitas Lambung Mangkurat
- Chairman of Research Center Unit (Prof. Dr. dr. Nia Kania, Sp. PA)

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- Prof. Dr. dr. H. Ari Yunanto, Sp.A(K)., IBCLC., S.H.
- dr. Widya Nursantari

### Technician:

- M. Noor

## TIME SCHEDULE OF HESICON

<b>Day 1 10<sup>th</sup> November 2020 (GMT +8/Waktu Indonesia Tengah)</b>		
<b>07.30-08.30</b>	<b>Registration</b>	
<b>08.30-09.35</b>	<b>Opening ceremony</b>	
08.30-08.35	Welcome remark by MC	
08.35-08.45	Sing the National Anthem of Indonesia Raya	
08.45-08.55	Opening remark by the Riset Center	
08.55-09.05	Opening remark by the Dean of Faculty of Medicine, Lambung Mangkurat University	
09.05-09.15	Opening remark by the Rector of Lambung Mangkurat University	
09.15-09.25	South Kalimantan Traditional Dance Performance	
09.25-09.30	Group picture (MC)	
09.30-09.35	Closing remark by MC	
<b>09.35-09.55</b>	<b>Keynote Speaker 1 Prof. Irawan Satriotomo, MD., Ph.D. Neuroscience Insights of COVID-19</b>	
<b>09.55-10.15</b>	<b>Keynote Speaker 2 Prof. Chissy Rachiana Sudjana Prawira, dr., Sp. A (K). Vaccine Development In the COVID-19 Era</b>	
<b>10.15-11.15</b>	<b>Break Out Room</b>	
<b>10.15-10.35</b>	<b>Invited Speaker 1 Prof. Dr. Zairin Noor, dr., Sp. OT (K), MM. Pengaruh Logam Pada Osteoporosis Moderator: dr. Rahmiati, M. Kes., Sp. MK.</b>	<b>Invited Speaker 3 Prof. Dr. Ari Yunanto, dr., Sp. A (K). Patomekanisme Covid 19 Pada Bayi Moderator: Adi Nugroho, SKM., M. Sc., Ph. D</b>
<b>10.35-10.45</b>	<b>Discussion of Invited Speaker 1 Moderator: dr. Rahmiati, M. Kes., Sp. MK.</b>	<b>Discussion of Invited Speaker 3 Moderator: Adi Nugroho, SKM., M. Sc., Ph. D</b>
<b>10.45-11.05</b>	<b>Invited Speaker 2 Prof. Dr. Ir. H. Yudi Firmanul Arifin, M. Sc. Potensi Tumbuhan Lahan Basah Untuk Obat Moderator: dr. Rahmiati, M. Kes., Sp. MK.</b>	<b>Invited Speaker 4 Agianto, S. Kep., Ns., M.N.S., Ph. D. Covid 19 Dalam Keperawatan Moderator: Adi Nugroho, SKM., M. Sc., Ph. D</b>
<b>11.05-11.15</b>	<b>Discussion of Invited Speaker 2 Moderator: A dr. Rahmiati, M. Kes., Sp. MK.</b>	<b>Discussion of Invited Speaker 4 Moderator: Adi Nugroho, SKM., M. Sc., Ph. D</b>
<b>11.15-12.00</b>	<b>Closing Remark by MC</b>	

## **Relationship of Knowledge and Family Support with Treatment Compliance in Hypertension Patients**

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The results of the National Basic Health Research (Riskesdas) in 2018 recorded the prevalence of hypertension in Indonesia, which was obtained through measurements at  $\geq 18$  years of age at 34.1%, with the highest prevalence in South Kalimantan at 44.1%. The question in this study is how the knowledge of hypertension sufferers and family support with hypertension treatment.. Hypertension or high blood pressure is often referred to as the silent killer (silent killer). Current antihypertensive drugs have been shown to control blood pressure in hypertensive patients, and also play a major role in reducing the risk of developing cardiovascular complications. The research design used is a systematic literature review (SLR) or what in Indonesian is called a systematic literature review, which is a literature review method that identifies, assesses, and interprets all findings on a research topic, to answer research questions. The method used in assessing the quality of the literature uses the Duffy's Research Appraisal Checklist Approach method. It is known that in the knowledge variable, 20% articles, motivation variables, 40% articles, and family support variables, 20% of journals or research articles that examine these variables and are used as samples state that there is a relationship between family support and medication adherence to hypertension sufferers. However, there were also journals or research articles that stated there was no relationship between family support and medication adherence to hypertension sufferers. In the knowledge variable, 20% of the journals or research articles sampled stated that there was a relationship between knowledge and medication adherence in hypertensive patients and there were no journals or research articles stating that there was no relationship between knowledge and medication adherence in hypertensive patients. In the family support variable, 20% of the journals or research articles sampled stated that there was a relationship between family support and medication adherence to hypertension sufferers and there were 2 journals or research articles which stated that there was no relationship between knowledge and medication adherence in hypertensive patients.

Keywords: Hypertension, Knowledge, Family Support