



# Universitas Kristen Indonesia

## Fakultas Kedokteran

### SURAT TUGAS

Nomor : 07014/UKI.F5.D/SDM.01/2022

Dalam rangka pelaksanaan kegiatan *8th Federation of Asian-Oceanian Neuroscience Societies (FAONS) Symposium in conjunction with the 4th Indonesia Conference of Neuroscience (ICN)*, maka dengan ini Dekan Fakultas Kedokteran Universitas Kristen Indonesia menugaskan :

**Dr. med. dr. Abraham Simatupang, M.Kes**

Untuk mempresentasikan hasil poster dalam kegiatan tersebut di atas, pada :

Hari,tanggal : Jumat-Sabtu, 19-20 Agustus 2022  
Tempat : Bali Nusa Dua Convention Center (disampaikan secara daring/*online*)  
Judul Poster :

1. Efficacy and Safety of Medical Cannabinoids in Children with Cerebral Palsy: A Systematic Review
2. Indonesian Medical Cannabis in Neuroscience Research: Legal and Future Challenges
3. The Use of Medical Cannabis on Chronic Pain : A Systematic Review

Demikian surat tugas ini diberikan kepada yang bersangkutan agar kiranya dapat dilaksanakan dengan sebaik-baiknya.

Jakarta, 18 Agustus 2022



Dekan,  
**Dr. dr. Robert H. Sirait, Sp.An**  
NIP UKI 031 545

Tembusan :

1. Wadep I, II, III FK UKI
2. Kasub SDM FK

See discussions, stats, and author profiles for this publication at: <https://www.researchgate.net/publication/367463354>

# Indonesian Medical Cannabis in Neuroscience Research: Legal and Future Challenges

Poster · August 2022

DOI: 10.13140/RG.2.2.35448.32007

CITATIONS

0

READS

37

13 authors, including:



**Kevin Tandarto**

Atma Jaya Catholic University of Indonesia

38 PUBLICATIONS 1 CITATION

[SEE PROFILE](#)



**Abraham Simatupang**

Universitas Kristen Indonesia

45 PUBLICATIONS 69 CITATIONS

[SEE PROFILE](#)



**Armedy Ronny Hasugian**

National Research and Innovation Agency, Indonesia

24 PUBLICATIONS 33 CITATIONS

[SEE PROFILE](#)



**Caroline Oktarina**

University of Indonesia

17 PUBLICATIONS 19 CITATIONS

[SEE PROFILE](#)

Some of the authors of this publication are also working on these related projects:

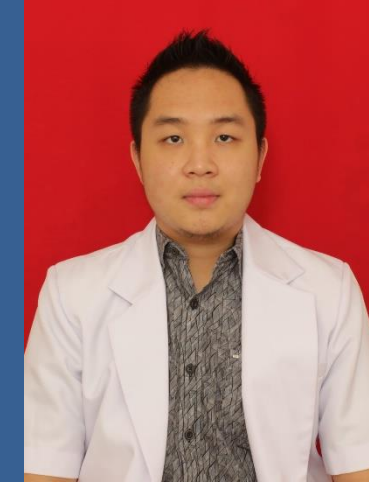


Medical Education - OSPE [View project](#)



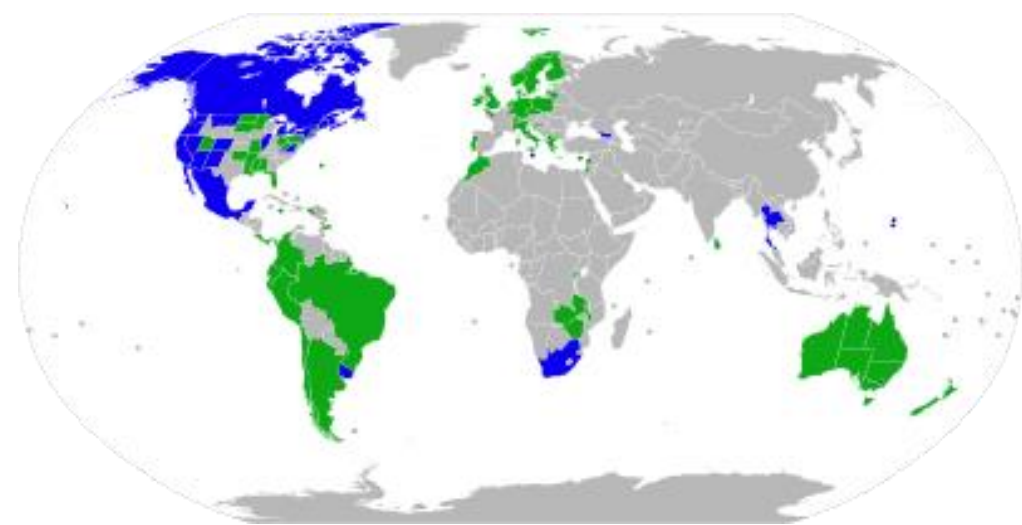
The Effect of Lansium domesticum Corr. (Duku) Seed Extract on Wound Healing [View project](#)





## Introduction

- Marijuana (*Cannabis sativa*) or “Cannabis”, is prohibited for use in Indonesia and is classified as a class 1 Narcotics (Law no. 35 Year 2009)
- Meanwhile, Cannabis use has been legalized in more than 50 countries, especially for research and medical purpose



- Public's demand for marijuana legalization in the medical field in Indonesia has resurfaced in the form of judicial review of Law Number 35 the Year 2009. Unfortunately, the application was rejected with the mandate to research to build stronger evidence.
- Medical Cannabis has been used to treat rare types of epilepsy (Epidiolex, with Cannabidiol/CBD) and muscular spasms (Sativex, containing nabiximols). It is currently being studied for tremors and pain (delta-9 tetrahydrocannabinol (THC) and CBD).

## Literature Studies

- We searched on Scopus and the Web of Science (WoS) with keywords: Cannabis, Medical Cannabis, Cannabis Neuro, based on the countries with the highest population (China, US, China, India, and Indonesia).
- We found four papers that were included in this study that is written by Indonesian researcher
- The number of Medical Cannabis research is lower than other countries

## Discussion

- From four studies in Indonesia, 3 titles focused on compound levels, 1 on animal testing, and there was no research on humans.
- In comparison, there are a lot of Medical Cannabis research in other countries, such as Australia, Brazil, Canada, Denmark, Germany, Israel, Netherlands, Switzerland, United Kingdom, and United States of America.
- Some countries even have special institutes for medical cannabis with research funding for researchers as well as students.
- In July 2022, the current Indonesian Minister of Health, Budi Gunadi Sadikin, said it was allowed to conduct medical cannabis research and would issue regulations related to this, supported by Indonesian Medical Association (IDI) and the House of Representatives to encourage medical cannabis research.
- This answers the challenge of medical cannabis which has been stated by the former Minister of Health of the Republic of Indonesia, several pharmacists and neurologists that Indonesia currently does not need to conduct research on cannabis for neurological ailments, because drugs for epilepsy are considered sufficient in Indonesia and the possible negative effects of cannabis are still far greater than the beneficial effects.

## Conclusions

- Several issues for conducting medical Cannabis research, particularly in neuroscience, have been identified, including a lack of clear regulations (and funding) and expensive research prerequisites
- Government and research institutions should respond to these challenges intensely.

## Contact

Presenting Author:

Kevin Tandarto, tandartok@gmail.com

## References

1. <https://www.mkri.id/index.php?page=web.Berita&id=18367&menu=2>
2. [FDA Approves New Indication for Drug Containing an Active Ingredient Derived from Cannabis to Treat Seizures in Rare Genetic Disease | FDA](#)
3. [FDA Regulation of Cannabis and Cannabis-Derived Products, Including Cannabidiol \(CBD\) | FDA](#)
4. [FDA Approves First Drug Comprised of an Active Ingredient Derived from Marijuana to Treat Rare, Severe Forms of Epilepsy | FDA](#)

Presented at :

**8th Federation of Asian Oceanian Neuroscience Societies (FAONS) Symposium  
19 – 20 October 2022**


[Home \(\)](#)
[Conferences \(Conferences/\)](#)
[Fundings \(Fundings/\)](#)
[Courses \(Courses/\)](#)
[About FAONS \(About-FAONS/\)](#)
[Societies \(Societies/\)](#)
[BrainFacts \(BrainFacts/\)](#)
[Contacts \(Contacts/\)](#)


## FAONS

The purpose of the Federation is to promote the advancement of neuroscience research and education in the Asian Oceanian regions, which include Asian countries, Australia, New Zealand and Islands in the Pacific and Indian Oceans. The Federation shall aim also at contributing to the advancement of neuroscience worldwide.

The FAONS Congress and FAONS Symposium are typically organised on an alternating 2 year cycle by representatives from a Neuroscience Society that is a member of FAONS.

### FAONS President

The position of FAONS President on the FAONS Council is assumed by the President of the Neuroscience Society that is hosting either the Congress or the Symposium.

## Latest News

### 2024 FAONS Congress

The FAONS Congress 2024 will be hosted by The Japan Neuroscience Society(JNS) in Fukuoka, Japan, in conjunction with The 24th Annual Meeting of The Japan Neuroscience Society.

#### President's new year's greeting message

Best wishes to all FAONS member societies in the new year! It is an honor and a pleasure for the Japan Neuroscience Society to host the 8th FAONS meeting in Fukuoka on July 24-27, 2024, as part of its Annual Meeting. We will also hold a joint Annual Meeting with the Japanese Society of Neuropsychopharmacology and the Japanese Society for Neurochemistry. Thus, the conference is expected to bring together many researchers from around the world, including Japan's leading basic and clinical neuroscience researchers. There are convenient access points to and from the Fukuoka Convention Center, both domestically and internationally. Fukuoka Airport, the gateway to Asia, is served by many international flights and has frequent connections with Tokyo International Airport. It is only a 5-minute subway ride from Fukuoka Airport to JR Hakata Station and a 10-minute bus ride from JR Hakata Station to the Convention Center. Looking forward to seeing you all in 2024 in Fukuoka.

Michisuke Yuzaki, M.D., Ph.D.  
 President  
 The Japan Neuroscience Society  
 The 8th FAONS Meeting  
 Dean & Professor  
 Keio University Graduate School of Medicine

## [FAONS] Call for FAONS Congress 2024

**8<sup>th</sup> Federation of Asian Oceanian Neuroscience Societies (FAONS)  
Symposium**

**in conjunction with 3<sup>rd</sup> Indonesia Conference of Neuroscience (ICN)  
“From Bench to Bedside: Implementing Basic to Clinical Neuroscience”  
19-21 August 2022**

---

Click for "Announcement (gallery/FAONS%20announcement-ts1654586192.jpeg)"

Click for "IBRO session (gallery/IBRO%20session-ts1654586318.jpeg)"

Click for "Call for abstracts (gallery/Call%20for%20abstracts-ts1654586346.jpeg)"

Click for "Abstract template for submission  
(gallery/FAONS%202022\_Symposium%20ABSTRACT%20Submission.docx)"

### **[FAONS] ISM code for SfN 2022**

The Society for Neuroscience provides international societies with a list of unique ID numbers (called "ISM abstract slots") that allow some of their members, who are not members of SfN, to submit abstracts to the SfN annual meeting and register for the meeting at the SfN member rate. The allocation of the abstract slots in the Asia/Pacific region is coordinated by FAONS.

**The slots should be awarded first to students and postdoctoral candidates and secondly to people in Category I, II, and III countries** (<https://www.sfn.org/membership/membership-fees/information-for-members-in-developing-countries>) **of the region as defined by the World Bank.**

**For those who are interested and eligible, please send request to [hrjung@kbri.re.kr](mailto:hrjung@kbri.re.kr) (mailto:hrjung@kbri.re.kr) and specify your name, e-mail address, country, and status (student, postdoctoral candidate, junior faculty, tenured faculty) by no later than *June 15th (Wed.), 2022.***

#### **FAONS Treasurer and Secretary (2022-2024) (About-FAONS/)**

We are happy to announce that the current Treasurer and Secretary will serve consecutive terms (2022-2024).





New FAONS member society (About-FAONS/#MNS)

