



PROGRAM BOOK



Department of Nutrition and Health
Faculty of Medicine
Universitas Gadjah Mada

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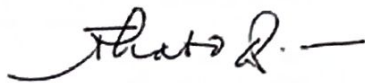
**WELCOME FROM HEAD OF DEPARTMENT OF NUTRITION AND HEALTH, FACULTY OF
MEDICINE, UNIVERSITAS GADJAH MADA**



Department of Nutrition and Health, Faculty of Medicine, Universitas Gadjah Mada is pleased to welcome you to the first International Nutrition and Health Symposium. This event is organized as a part of internationalization of Universitas Gadjah Mada and to meet the vision to become a world-class university. The organizing committee has done their best to arrange this event since the beginning of the year, which I mostly appreciate.

We hope that all symposium participants enjoy the meeting with colleagues. This symposium acts as a meeting point, where we all gather and each share perspectives and findings. Nutrition science is growing fast and practitioner are challenged with evidence of poor quality. This condition should be tackled with providing nutrition society with high level of evidence. This symposium shall be the small step for us who work in nutrition to bring improvement in the health care.

Together we learn, grow, and excel.



Dr. Toto Sudargo, SKM, M.Kes
Head of Department of Nutrition and Health
Faculty of Medicine
Universitas Gadjah Mada

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PROGRAMME AGENDA



Time	Programme		
07.15 - 08.00	Registration		
08.00 - 08.30	Opening Ceremony MC (Umi Salamah & Maitsaa Nur Sya'ban) <ul style="list-style-type: none"> - Performance from RATOEH HIMAGIKA UGM - Greetings from Advisor HIMAGIKA UGM - Greetings from Head of Nutrition and Health Department - Opening Remarks from Dean of Medical Faculty UGM 		
08.30- 09.40	SYMPOSIUM LECTURE 1 Prof. Jane C-J Chao, Ph.D (Dean of College of Nutrition Taipei Medical University, Taiwan) Topic : Evidence of Traditional Chinese Medicine on Improvement of Nutritional Status Dietary Supplement for Hepatoprotection Moderator: Fasty Arum Utami, M.Sc		
09.40 - 10.00	Coffee break/Poster Presentation		
10.00 - 11.05	SYMPOSIUM LECTURE 2 Prof. Winnie Chee Siew Swee (School of Health Science, International Medical University, Kuala Lumpur) Title: Current Evidence on Effectiveness of Diet and Lifestyle Intervention in Managing NCDs) Moderator: Fasty Arum Utami, M.Sc		
11.00- 12.10	SYMPOSIUM LECTURE 3 Dr. Mirza Hapsari, S.TP., S.Gz, MPH, RD (Universitas Gadjah Mada, Indonesia) Title: Evidence of Local Food Source of BCAA on Improving Athlete's Performance Moderator: Fasty Arum Utami, M.Sc		
12.10 - 13.10	Lunch Break/Poster Presentation		
13.10 - 15.30	Oral Presentation		
Session 1 (13.10-14.25)	Andrawina Room 1	Andrawina Room 2	Andrawina Room 3
	Session: Clinical Nutrition Presenter: 1. Zalina Abu Zaid, PhD (OCN-001) 2. Zuriati Ibrahim (OCN-002) 3. Stefania Widya Setyaningtyas (OCN-003) 4. Sri Sumarmi (OCN-004) 5. Anni Fathiya Az Zhahra (OCN-005) 6. Muslichah, Rahadyana (OCN-006)	Session: Community Nutrition Presenter: 1. Lukman Waris Marewa (OCM-019) 2. Carissa Cerdasari (OCM-002) 3. Khomsa Fadhilah AlHakim (OCM-004) 4. Lilik Laras Shinta (OCM-005) 5. Dudung Angkasa (OCM-006) 6. Laila Mardiana Rohmatillah (OCM-007)	Session: Food Science Presenter: 1. Andhita Riana (OFO-003) 2. Muhammad Iqbal (OFO-005) 3. Adhila Fayasari (OFO-006) 4. Ari Yuniastuti (OFO-007) 5. Lily Arsanti (OFO-009) 6. Evi Agustriana (OFO-010)
Session 2 (14.25-15.30)	Andrawina Room 1	Andrawina Room 2	Andrawina Room 3
	Session: Clinical Nutrition, Sport Exercise, Public Health Moderator: Presenter: 1. Pramita Ariawati Putri (OCN-005) 2. Rondius Solfaine (OCN-006) 3. Annas Buanasita, Jawawi; Lilik Rosidah	Session: Community Nutrition Moderator: Presenter: 1. Nydia Alisa Putri (OCM-008) 2. Chairunisa Nur Rarastiti (OCM-009) 3. Nursilmi (OCM-010) 4. Grace Kerly Lony Langi (OCM-011)	Session: Community Nutrition Moderator: Presenter: 1. dr. Hari Peni Julianti, M.Kes, Sp.KFR (OCM-013) 2. Tyas Permatasari (OCM-014) 3. Harry Freitag Luglio Muhammad

Evidence Based Nutrition

	4. (OSE-001) Tri Siswati (OPH-001) 5. Widianas Kusumasari A (OPH-002)	5. Ani Margawati (OCM-012)	(OCM-016) 4. Syartiwidya (OCM-017) 5. Noraida Omar (OCM-018)
15.30 - 15.50	Coffee break		
15.50 - 16.00	Acoustic Performance		
16.00 - 16.15	Prize Presentation		
16.15 - 16.20	Closing		

OPH-001

Tax ratio was the most dominant social predictor associated with stunting and severe stunting of children in Indonesia: A multilevel analysis

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Background: In Indonesia and other developing countries, stunting is still a serious public health problem. Meanwhile, tax revenue is an effort to encourage regional economic growth, equity of income distribution, and development including the health sector. **Objectives:** to analyze multilevel risk factors related to stunting and severe stunting of children. **Methods:** Ecological study used Indonesia Base Health Research (Riskesdas-2013), Central Bureau of Statistics (2012), KPK (2010), and Susenas (2012). Independent variables were divided into three categories; i.e. biological (birth weight, newborn length, gender, parental height); structural (parental education, occupation, residence setting, SES); and social factors (GDP, gini ratio, HDI, GDI, GEI P1, P2, tax ratio). The dependent variables were stunting and severe stunting. Samples were all under-five children in Riskesdas 2013, including 33 provinces with criteria: 24-59 months, singleton, >37 gestational age, and no chronic disease. Subjects with missing data and HAZ>-6SD were excluded. A total of 3,812 children were selected. Data were analyzed by general mix model using Stata 13. **Results:** prevalence of severe stunting was 43.15%, while the average of tax ratio was 2.88±1.13, between 1.2-8.8. Risk factors associated with severe stunting at the individual level were LBW (AOR 1.38, CI95%:1.01-1.88); father occupation (unemployment and non-formal sectors: AOR 1.45 CI95%:0.91-2.30; AOR 1.18 CI95%:1.00-1.38 respectively); and the main risk at the provincial level was tax ratio (AOR 0.88 CI95%:0.82-0.95). **Conclusion:** LBW, unemployment or non-formal sector of father employment were more likely to be severe stunting. Every 1 point increasing of tax ratio will reduce probability of severe stunting by 12%. **Key Words:** *stunting, severe stunting, tax ratio, multilevel analysis, Indonesia*