#### LEMBAR

#### HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW KARYA ILMIAH: PROSIDING

Judul Jurnal Ilmiah (Artikel)

: Moleculer D - Dimer Increase In Chronic Hepatitis and Liver Cirrhosis

Jumlah Penulis

Status Pengusul

: Dr.dr.Indranila Kustarini S, Sp.PK(K)( penulis pertama) : a. Nama Prosiding

Identitas Prosiding

: The 14th asian Society for Clinical Pathology and

Laboratory Medicine Congress (2016)

b. ISBN/ ISSN

c. Tahun Terbit, Tmpt Pelaksana: 2016, Taiwan

d. Penerbit/Organizer

e. Alamat repository PT

f. Terindeks di (jika ada)

Kategori Publikasi Makalah (beri √pada kategori yang tepat)

| Prosiding | Forum Ilmia | iah International |  |
|-----------|-------------|-------------------|--|
| Prosiding | Forum Ilmi  | iah Nasional      |  |

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| Catatan Penilaian artikel oleh Reviewer: | Jamines. | L. |
|--|----------|----|
| •  |          |    |

Semarang, .....

Reviewer 1

Prof. dr. EDI DHARMANA, M.Sc., Ph.D., Sp. Park.

NIP 19470312 197603 1 001

#### Unit Kerja

- \* Dinilai oleh dua Reviewer secara terpisah
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#### LEMBAR

#### HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW KARYA ILMIAH: PROSIDING

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Laboratory Medicine Congress (2016)

b. Nomor ISSN

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| Catatan | Penilaian artikel | oleh Reviewer : |  |
|---------|-------------------|-----------------|--|
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| b       | bare              | & pail          |  |
|         |                   |                 |  |

Semarang, .

Prof.Dr.dr. IGNATIUS RIWANTO, Sp.B.,Sp.BD. NIP 19500110 197603 1 001

Unit Kerja

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#### Molecular basic D-dimer in chronic hepatitis and liver cirrhosis

SAMSURIA, INDRANILA KUSTARINI and Adhipireno, Purwanto and Imam BW, Imam BW and ASTI W, HERNIAH and Edward KSL, Edward KSL (2016) *Molecular basic D-dimer in chronic hepatitis and liver cirrhosis*. In: The 14th Asian Sociaty of Clinical Pathology and Laboratory Medicine Congress, March, 25-27, 2016, Taipei, Taiwan.





| Item Type:     | Conference or Workshop Item (Poster)  |  |
|----------------|---|--|
| Subjects:      | R Medicine > R Medicine (General)   |  |
| Divisions:     | Faculty of Medicine > Department of Medicine Faculty of Medicine > Department of Medicine |  |
| ID Code:       | 72621   |  |
| Deposited By:  | Ms Lutfiatun Heni   |  |
| Deposited On:  | 14 May 2019 14:06   |  |
| Last Modified: | 14 May 2019 14:06   |  |

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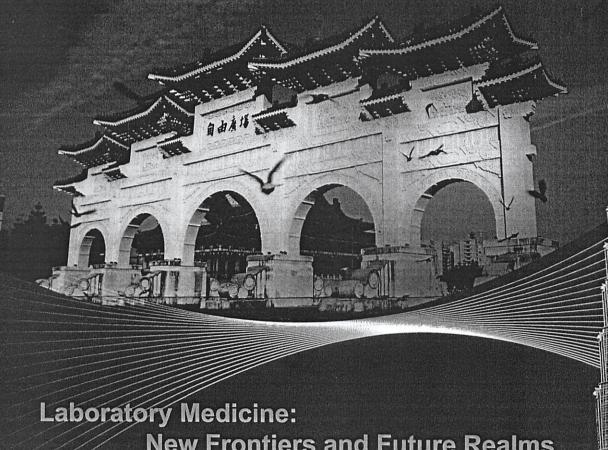
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# (21 2016 Poster Interna

The 14th Asian Society for Clinical Pathology and Laboratory Medicine Congress (2016)

TAIPEI, TAIWAN March 25-27, 2016

# PROGRAM BOOK



**New Frontiers and Future Realms** 

Hosted by:

- Taiwan Society of Clinical Pathology and Laboratory Medicine (TSCPaLM)
- Asian Society for Clinical Pathology and Laboratory Medicine (ASCPaLM)

, Congress Venue: NTUH International Convention Center

# **Contents**

| - |                          | and the first of the action of the second second   |
|---|--------------------------|--|
|   | Introduction             | 02   |
|   | Welcome Address          | 02   |
|   | Committees               |  |
|   | Faculty List             |  |
|   | Acknowledgements         |  |
|   | General Information      | 08   |
|   | Awards                   | 11   |
|   | Congress Venue Map       | 12   |
|   | Scientific Program       | 14   |
|   | Agenda                   | 14   |
|   | Friday, March 25, 2016   | 16   |
|   | Saturday, March 26, 2016 |  |
|   | Sunday, March 27, 2016   | 21   |
|   | Poster Session           | 24   |
|   | Exhibition               | 32   |
|   | Author Index             | 34   |
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# Welcome Message from Asian Society for Clinical Pathology and Laboratory Medicine (ASCPaLM)

On behalf of ASCPaLM, I would like to take this opportunity to express my heartfelt welcome for your participating in the 14th ASCPaLM congress which be held in the convention center of National Taiwan University Hospital on 25-27 March 2016. The previous 3rd (1994) and 7th ASCPaLM (2002) Congress were held in Taiwan as well. The activity is organized every other year in the selected sites in the rotating manner amongst the cities in Japan, Korea, Taiwan, Indonesia and Mongolia, respectively. This activity was arranged to serve all clinical pathologists in the region to join together and promote camaraderie.

Please take one minute to ponder what we have done and yet to be done, we can see a tremendous improvement in the field of clinical pathology and Laboratory medicine over the last 20 years, spanning from classical clinical pathology to molecular biology such as clustered regularly-interspaced short palindromic repeats, liquid biopsy; next generation sequencing; standardization and harmonization; accreditation; risk management; one test for many disorders by using GC and LC mass chromatography; one-fit-for-all to precise and personal medicine.

Finally, all of you will have our best wishes during this congress and do take this occasion as the platform for sharing, caring and establishing anything with the fellow clinical pathologists from any institutions in the regions. Let's enjoy this unforgettable encounter and share the avant-garde program altogether!

I wish you have a wonderful stay in Taipei.

Best Wishes,

Jap Jim Shing Tjin-Shing Jap, M.D.

President, Asian Society for Clinical Pathology and Laboratory Medicine (ASCPaLM)

http://www.ascpalm.org/



# Welcome Message from ASCPaLM 2016

Dear Colleagues and Friends,

Welcome to Taiwan!

With 2 years of anticipation, it is our great honor and privilege to welcome your participation at the 14th Asian Society of Clinical Pathology and Laboratory Medicine Congress (2016) (the 14th ASCPaLM 2016) from March 25 to March 27, 2016 in Taipei, Taiwan.

Over the past years, ASCPaLM has rapidly grown to become one of the most important congress in the field of clinical pathology and laboratory medicine and in Taipei we expect more than 300 delegates from all over the world not only from member countries. The Program Committee brings forward an inspiring 3-day scientific program, inclusive of 4 plenary lectures, 8 keynote speeches, 8 symposia, as well as oral and poster sessions. Under the theme of "Laboratory Medicine: New Frontiers and Future Realms", our amazing lineup of speakers will share their latest research results and discuss important issues. Also, we encourage your active participation in both industry seminars and exhibitions where companies present new equipment and diagnostics for large and small laboratories. We believe ASCPaLM 2016 will be a congress not merely for learning and exchanging ideas but also for us to reconnect with old friends and build lasting friendships with new ones.

National Taiwan University Hospital International Convention Center (THCC), conveniently located at the heart of Taipei City, is well-connected to major attractions through nearby Mass Rapid Transit (MRT) stations. Please take your time to immerse yourself in amazing Taipei and we guarantee that you will bring back home with loads of memories.

Once again, we would like to express our whole-hearted gratitude to all of you for your valued participation to the continued success of this important biannual congress. Enjoy it!

Best Regards,

Jang-Jih Lu, MD, PhD

Chairman, Organizing Committee, ASCPaLM 2016

Po-Ren Hsueh, MD

Poken Houle

Chairman, Program Committee, ASCPaLM 2016

8

# **Committees**

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Chairman, Organizing Committee

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Committee



# **Faculty List**

# Invited Speakers and Moderators In alphabetical order of last name

| Bilegtsaikhan, Tsolmon | Mongolia      | Lin, Jen-Shiou        | Taiwan        |
|------------------------|---------------|-----------------------|---------------|
| Chang, Jan-Gowth       | Taiwan        | Lin, Jin-Fu           | Taiwan        |
| Chen, Bai-Hsiun        | Taiwan        | Lo, Shyh-Chyi         | Taiwan        |
| Chen, Li-Kuang         | Taiwan        | Lu, Jang-Jih          | Taiwan        |
| Chi, Wei-Ming          | Taiwan        | Luh, Kwen-Tay         | Taiwan        |
| Chiueh, Tzong-Shi      | Taiwan        | Miyachi, Hayato       | Japan         |
| Cho, Duck              | South Korea   | Murakami, Masami      | Japan         |
| Chou, Wen-Chien        | Taiwan        | Ng, Chi-Fai           | Hong Kong     |
| Chu, Fang-Yeh          | Taiwan        | Oyundelger, M.        | Mongolia      |
| Chung, Wen-Hung        | Taiwan        | Palma, John           | United States |
| Doljoo, Zolzaya        | Mongolia      | Partakusuma, Lia G    | Indonesia     |
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| Enkhsaikhan, L.        | Mongolia      | Ru, Kun               | China         |
| Fan, Guang             | United States | Shen, Li-Song         | China         |
| Guan, Ming             | China         | Shen, Ming-Ching      | Taiwan        |
| Guo, Wei               | China         | Song, Junghan         | South Korea   |
| Han, Jian              | United States | Su, Cheng-Chuan       | Taiwan        |
| Harper, Jacqueline     | Australia     | Sukartini, Ninik      | Indonesia     |
| Ho, Hsin-Tsung         | Taiwan        | Sun, Chien-Feng       | Taiwan        |
| Hsieh, Wen-Shyang      | Taiwan        | Sung, Heungsup        | South Korea   |
| Hsueh, Po-Ren          | Taiwan        | Suryaatmadja, Marzuki | Indonesia     |
| Hur, Mina              | South Korea   | Tristina, Nina        | Indonesia     |
| Ichihara, Kiyoshi      | Japan         | Triyono, Teguh        | Indonesia     |
| Ichikawa, Daisuke      | Japan         | Tsai, Keh-Sung        | Taiwan        |
| Itoh, Yoshihisa        | Japan         | Tsai, Shin-Yi         | Taiwan        |
| Jap, Tjin-Shing        | Taiwan        | Tzen, Chin-Yuan       | Taiwan        |
| Kang, So Young         | South Korea   | Wan, Hsiang-Lin       | Taiwan        |
| Kim, Jeong-Ho          | South Korea   | Wang, Cheng-Bin       | China         |
| Kim, Sollip            | South Korea   | Wang, Hualiang        | China         |
| Kwon, Oh Hun           | South Korea   | Wang, Xue-Feng        | China         |
| Lee, Li-Na             | Taiwan        | Wei, Cui              | China         |
| Li, Chien-Feng         | Taiwan        | Wu, Jiunn-Jong        | Taiwan        |
| Li, Li                 | China         | Yamamoto, Masaru      | Japan         |
| Lin, Chih-Pei          | Taiwan        | Yan, Jing-Jou         | Taiwan        |
| Lin, Dong-Tsamn        | Taiwan        | Ying, Bin-Wu          | China         |
|                        |               |                       |               |

# **Acknowledgements**

The Organizing Committee would like to take this opportunity to acknowledge, with sincere appreciation, the generous contributions and support of the following sponsors and collaborating organizations:

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# **General Information**

#### Abstract USB

Please visit at least 6 exhibitors to collect 6 stamps on the coupon attached to your name badge. Once you collect them, please return your coupon at registration counter during opening hours in exchange for an abstract USB.

#### **Badges**

All participants are required to wear a badge to attend sessions or enter the exhibition area during the Congress period for recognition.

#### Camera and Recording

Any electronic recording and photograph taking are NOT allowed in all sessions.

#### **Certificate of Attendance**

Certificate of attendance will be provided with the name badge.

#### **Congress Materials**

Program book and name badge with certificate of attendance will be distributed with the congress bag.

#### **Emergencies**

For emergencies, dial 110 (police) or 119 (fire) from any phone.

#### Exhibition

Industrial exhibition will be open as follows:

| Friday, March 25, 2016   | 15:00-18:30 |  |
|--------------------------|-------------|--|
| Saturday, March 26, 2016 | 08:30-16:30 |  |
| Sunday, March 27, 2016   | 08:30-15:30 |  |

#### Food and Beverage

Light meals are available at the Garden Café on the 1st floor of THCC on individual's own expense.

#### Housing

Any changes to hotel reservations should be made directly with the hotel.

#### Information (Lost & Found)

Information counter will be in service in the registration area and provides the relevant information on the congress and Taipei.

Any missing or unattended personal belongings will be taken to the same counter.

#### Internet Service

Free WiFi will be available throughout the congress venue. Search for user name **ZyXEL** with password: 77240109 and open a browser for connection.



#### Language

The official language of the congress is English (except Mandarin forum scheduled on March 25) . Simultaneous translation will NOT be provided.

#### Liability and Insurance

The ASCPaLM 2016 Organizing Committee and ASCPaLM shall not be liable for personal accidents, illness, losses or damage to private property of registered delegates of the congress. It is, therefore recommended that delegates and accompanying persons arrange appropriate travel and health insurance before traveling.

#### Message Board

Message board will be set up on the 1st floor for participants to exchange messages or obtain the congress updates and future meeting notice.

#### **Mobile Phone**

Switch your mobile phone to vibrate mode or switch it off in the session rooms.

#### **Registration Counters**

Onsite registration is accepted. Service hours are as follow.

| Friday, March 25, 2016   | 08:00-18:30 (Credit card payment available from 15:00) |
|--------------------------|--|
| Saturday, March 26, 2016 | 07:30-17:00  |
| Sunday, March 27, 2016   | 07:30-17:00  |

Only TWD (aka NTD: New Taiwan Dollar) cash and credit cards (VISA, Master and JCB) will be accepted for payment.

#### Secretariat Office/Speaker Ready Room

Secretariat Office/Speaker Ready Room (#205) will be open during service hours below. Speakers/Presenters may preview their presentation one day prior to presentation.

| Friday, March 25, 2016   | 08:00-18:30 |  |
|--------------------------|-------------|--|
| Saturday, March 26, 2016 | 07:30-17:00 |  |
| Sunday, March 27, 2016   | 07:30-17:00 |  |

#### Tour

Overseas delegates, who have already purchased half-day Congress city tour, MUST check in at tour counter during the service hours before 12:00, Sunday, March 27, 2016 and will receive a notice for boarding information.

#### Venue

National Taiwan University Hospital International Convention Center (THCC)

Add: No. 2, Xuzhou Road, Zhongzheng District, Taipei City

Tel: +886-2-7724-0109

Nearby MRT stations: NTU Hospital Station (Tamsui-Xinyi Line), Shandao Temple Station (Bannan Line)

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# **Poster Session**

\*Presenting authors are underlined.

# Saturday, March 26, 2016

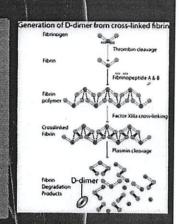
| 10:00-10:30 Room 101 & Room 102 |   |
|---------------------------------|---|
| PS-001                          | Molecular Basis D-dimer in Chronic Hepatitis and Liver Cirrhosis  |
|                                 | <u>Indranila Samsuria</u> (Indonesia), Purwanto Adhipireno (Indonesia),<br>Imam Budiwiyono (Indonesia), Heniah Asti (Indonesia), Edward Kurnia (Indonesia)                      |
| PS-002                          | Overexpression of IRS2 Associated with Disease Progression in Intrahepatic Cholangiocarcinoma   |
|                                 | Wan-Ting Huang (Taiwan)   |
| PS-003                          | Detection of BRAF Mutation in the Cytocentrifugation Supernatant Fluid from Fine-needle Aspiration of Thyroid Lesions Enhancing the Diagnostic Yield                            |
|                                 | Chung-Che (Jeff) Chang (Taiwan), Ashley Brown (United States), Khin Lim (United States), George Corpus (United States), Martha Hustek (United States), Anh Tran (United States) |
| PS-004                          | Establish GeneScan to Improve the Clonality Detection Rate in T Cell Receptor Gene Rearrangement  |
|                                 | Wan-Li Chen (Taiwan), Yi-Lin Chen (Taiwan), Min-Ching Lin (Taiwan), Shu-Ching Yang (Taiwan), Chung-Liang Ho (Taiwan), Wenya Huang (Taiwan)                                      |
| PS-005                          | Competitive Allele-specific Taqman PCR (Cast-PCR) Assay for BRAF V600E Mutation Detection in Papillary Thyroid Carcinoma  |
|                                 | Adhitya Bayu Perdana (Indonesia), Bayu Brahma (Indonesia), Rizky Ifandriani Putri (Indonesia), Fahreza Saputra (Indonesia)  |
| PS-006                          | Down-expression of Matriptase-2 Correlates with Tumor Progression and Clinical Prognosis in Oral Squamous Cell Carcinoma  |
|                                 | Ming-Fang Cheng (Taiwan), Kan-Tai Hsia (Taiwan)   |
| PS-007                          | The Potential of SH3BGRL3 Protein as a Prognostic Biomarker for Urothelial Carcinoma  |
|                                 | Nan-Haw Chow (Taiwan)   |
| PS-008                          | Multiplex Polymerase Chain Reaction Assay Developed to Diagnose Adult Bacterial Meningitis in Taiwan  |
|                                 | <u>Cheng-Chuan Su</u> (Taiwan), Chi-Tsung Lee (Taiwan), Kuang-Ming Hsiao (Taiwan), Jin-Cherng Chen (Taiwan)   |
| PS-009                          | Diagnostic Validity of Simple/Rapid Screening Test for HIV-1 Antibodies Using Human<br>Immunodeficiency Virus Proviral DNA as Gold Standard                                     |
|                                 | <u>Efrida Efrida</u> (Indonesia), Andani Ekaputra (Indonesia), Zelly Dia Rofinda (Indonesia),<br>Almurdi Almurdi (Indonesia), Dian Pertiwi (Indonesia)                          |
| PS-010                          | Hepatitis C Virus Genotyping Using Next-generation Sequencing — An Efficient and Cost-<br>effective Alternative to Sanger Sequencing in the Hospital Laboratory Setting         |
|                                 | <u>Chung-Che (Jeff) Chang</u> (Taiwan), Camoron Wales (United States),<br>George Corpus (United States)   |

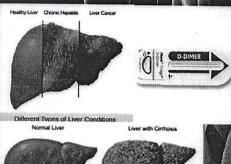
# Molecular Basis D-Dimer Increase In Chronic Hepatitis and Liver Cirrhosis

Indranila KS, Purwanto AP, Imam BW, Herniah AW, Edward KL Department of Clinical Pathology Medical Faculty of Diponegoro University, Kariadi Hospital Semarang

## Introduction:

Chronic hepatitis and liver cirrhosis is a chronic liver disease resulting in hepatic dysfunction as hemostasis. Chronic hepatitis causes liver cirrhosis complications, as hiperfibrinolisis events marked by an increase in D-dimer in the incidence molecular basis of bleeding. D-dimer in chronic hepatitis and cirrhosis examined and analyzed the difference between chronic hepatitis and cirrhosis. The research objective is to distinguish the levels of D-dimer in chronic hepatitis and cirrhosis.



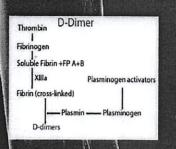


## Methods:

A cross sectional study in 16 patients with chronic hepatitis and cirrhosis in dr. Kariadi Hospital, in periode March-May 2014. Levels of D-dimer used the latex enhance turbidimetric assay. Data analysis using Mann Whitney test for D-dimer in chronic hepatitis and cirrhosis.

# Results:

The median D-dimer in chronic hepatitis are  $190 \pm 82.30 \,\mu\text{g/L}$  and in the cirrhosis are  $4860 \pm 57 \,\mu\text{g/L}$ . The results of different test levels of D-dimer significantly between chronic hepatitis and cirrhosis with p = 0.00.



Conclusion:

There is a significant difference in the levels of D-dimer in chronic hepatitis and cirrhosis.

Keywords: Hepatitis, Cirrhosis, Bleeding, Hemostasis. Daftar Pustaka:

Ricardo R, Rui TM, Miguel S. Classification and Staging of Chronic Liver Disease from Multimodal Data. IEEE Trans Biomed Eng. 2012;60(5):1336-44.
 Park W, Keefe EB. Diagnosis and Treatment of Chronic Hepatitis B. Minervagastroenterol Dietol. 2004;50:289-303.

3. Islamuddin. Hubungan Peningkatan Kadar D-Dimer dengan Perdarahan Varises Esofagus pada Sirosis Hati Stadium Dekompensata. Padang: Universitas Andalas. 2011



The 14th Asian Society for Clinical Pathology and Laboratory Medicine Congress (2016) March 25-27, 2016, TAIPEI, TAIWAN

# Certificate of Attendance

This is to certify that

# Indranila Samsuria

has attended the 14th Asian Society of Clinical Pathology and Laboratory Medicine Congress (2016) held at National Taiwan University Hospital International Convention Center Taipei, Taiwan, March 25-27, 2016.

> Jang-Jih Lu, MD, PhD Chairman,

Organizing Committee, ASCPaLM 2016

Po-Ren Hsueh, MD

Poken Houch

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Program Committee, ASCPaLM 2016