

# International Symposium on Triglyceride / Neutral Lipid and Rare Diseases

## Program

### **Day-1: October 21 (Sat.)**

#### **9:00-9:30 Opening Remark**

Chairperson: Ken-ichi Hirano, Osaka University

- 1) Ken-ichi Hirano, Osaka University
- 2) Hiroyoshi Endo, The Japan Intractable Diseases (Nanbyo)Research Foundation, Tokyo, Japan

#### **9:30-10:00 Session 1 TG metabolism in adipocytes**

Chairperson: Nobuhiro Zaima, Kindai University

- **Adipocyte Functions and Their Regulation by Intracellular Lipid Metabolic Pathways**  
Tsuyoshi GOTO, Kyoto University

#### **10:00-11:00 Session2 Functional dietary TG**

Chairpersons: Fraser Russell, School of Health, University of the Sunshine Coast, QLD, Australia,  
Kazuki Mochizuki, University of Yamanashi

- **Medium-chain triglycerides inhibit development of life-style diseases by improving metabolism**  
Kazuki Mochizuki, University of Yamanashi
- **LC n-3 PUFAs reduce oxidative stress in cultured, lipopolysaccharide-stimulated macrophages from patients with abdominal aortic aneurysm**  
Fraser Russell, School of Health, University of the Sunshine Coast, QLD, Australia
- **Triglyceride and abdominal aortic aneurysm. From the two viewpoints, rupture and prevention.**  
Nobuhiro ZAIMA, Kindai University, Agricultural Technology and Innovation Research Institute

#### **11:30-13:00 Luncheon Seminar 1 Heart failure and nuclear cardiology: Updates in Europe and Japan**

Chairpersons: Naoya Matsumoto, Nihon University Hospital  
Hideyuki Miyauchi, Chiba University

- **Cardiac imaging in heart failure focusing on 123I-labelled radiopharmaceuticals in Japan**  
Kenichi Nakajima, Kanazawa University

- **Cardiac imaging in heart failure with an emphasis on nuclear medicine techniques**

Hein J Verberne, University of Amsterdam

**13:00-14:30 Poster Session (16 posters)**

**15:00-16:00 President lecture**

Chairperson: Kenichi Nakajima, Kanazawa University

- **TGCV, a new class of heart disease**

Ken-ichi Hirano, Osaka University

**16:00-17:00 Special lecture 1**

Chairperson: Ken-ichi Hirano, Osaka University

- **Using Magnetic Resonance Spectroscopy to Investigate Myocardial Energetics**

Oliver J Rider, University of Oxford

**17:00-18:00 Special lecture 2**

Chairperson: Ken-ichi Hirano, Osaka University

- **Management of stable coronary artery disease in patients with chronic kidney disease**

Sripal Bangalore, NYU School of Medicine

**18:30-20:00 Sponsored Symposium Diagnostic algorithm of TGCV manifesting coronary artery disease Sponsored by TOA EIYO LTD.**

Chairperson: Tetsuya Amano, Aichi Medical University

- **Diagnosing TGCV in Daily Clinical Practice**

Yusuke Nakano, Department of Cardiology, Aichi Medical University

- **Presentation of Cases**

- 1) Yusuke Nakano, Department of Cardiology, Aichi Medical University
- 2) Hiroyoshi Yokoi, Fukuoka Sanno Hospital

■ **Symposiasts(Commentator)**

Sripal Bangalore, NYU School of Medicine

Hiroyoshi Yokoi, Fukuoka Sanno Hospital

**20:00-20:30 International communication session for NLS-D-M**

Chairperson: Yoshie Nishida, Izumisano Sennan Medical Association Professional Nursing Training College

## **Day-2: October 22 (Sun.)**

### **9:00-11:00 Session 3 Triglyceride accumulation diseases in kidney and liver**

Chairpersons: Yoshihiro Kamada, Osaka University

Yasuyuki Nagasawa, Hyogo Medical University

- **Non-invasive test (NIT) for the diagnosis of NAFLD/NASH**  
Yoshihiro Kamada, Osaka University Graduate School of Medicine
- **Current and future pharmacotherapies for steatotic liver disease**  
Yoshio Sumida, Graduate School of Healthcare and Welfare Management, International University of Healthcare and Welfare
- **Non-alcoholic fatty liver disease**  
Dae Won Jun, Hanyang University, Seoul, Republic of Korea
- **Cnm-positive *Streptococcus mutans* strains aggravates non-alcoholic steatohepatitis**  
Michiyo Matsumoto-Nakano and Shuhei Naka, Department of Pediatric Dentistry, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences
- **Triglyceride and artery in patients with chronic kidney disease**  
Tetsuo Shoji, Department of Vascular Medicine, Osaka Metropolitan University Graduate School of Medicine
- **Considerable mechanisms of kidney lesions associated with Triglyceride deposit cardiomyovasculopathy (TGCV)**  
Yasuyuki Nagasawa, Hyogo College of Medicine, Department of General Internal Medicine

### **11:00-12:00 Special lecture 3 The utilization of medium-chain triglycerides in the ketogenic diet**

Chairperson: Shin Nabatame, Osaka University

- **Complications of the long-term ketogenic diet using medium-chain triglycerides for patients with glucose transporter-1 deficiency syndrome**  
Shin Nabatame, Department of Pediatrics, Osaka University Graduate School of Medicine
- **New insights to the mechanisms of the MCT diet in epilepsy and cancer treatment.**  
Robin SB Williams, Centre for Biomedical Sciences, School of Biological Sciences, Royal Holloway University of London, Egham, UK.

### **12:00-13:00 Luncheon Seminar 2 Techniques for endomyocardial biopsy and pathological diagnosis**

Chairperson: Hiroyuki Yamamoto, Tokyo Medical University Hospital

- **Techniques for safe myocardial biopsy**  
Yasumasa Tsukamoto, Department of Transplant Medicine, National Cerebral and Cardiovascular Center

- ・《Pfizer Educational Program》

- Differential diagnosis of the secondary cardiomyopathies including amyloidosis

- Yoshihiko Ikeda, Department of Pathology, National Cerebral and Cardiovascular Center

**13:00-13:30 Closing Remark, Poster presentation Award Ceremony**

**13:30-15:00 Patient and Public Involvement Program in Japanese**

- 難病対策のSDGsを考える

- 難病患者への良質・適切な医療確保、療養生活の質の維持・向上のために-

- 座長：国際シンポジウム「中性脂肪と希少難病」実行委員長 平野 賢一

- 一般財団法人栩野財団・TGCV 患者会 代表世話人 橋本 千佳子

- ・ご挨拶

- TGCV 患者会 共同代表 望月 稔仁

- ・わが国の難病対策

- 厚生労働省健康・生活衛生局難病対策課 課長補佐 中村 梨絵子

- ・患者の声

- TGCV 患者会 共同代表 川村 郁子

- ・難病研究班 研究代表者としての経験から

- 厚生労働省難治性疾患政策研究事業 TGCV 研究班 研究代表者 平野 賢一

- ・実臨床から見て

- 伊勢赤十字病院 森 達哉

- ・難病政策と医療経済

- 医療経済研究機構 石川 智基

- ・難病施策の制度の谷間

- 明石さざんか法律事務所 青木 志帆