

The **I**nternational **P**ancreatic **R**esearch **F**orum **2008**

**"Chronic Pancreatitis:
New Insights from
Pathogenesis to Treatment"**

Saturday, March 22nd, 2008
Hotel Pacific Tokyo



Pancreatic Research Foundation of Japan
Supported by Japan Pancreas Society



PROGRAM

March 22, Saturday

9:55 - 10:00 **Opening Remarks**

Symposium I

10:00 - 11:10 **Pathogenesis of Chronic Pancreatitis
(Ono Pharmaceutical Co.)**

■ Chairs :

Kyoko Shimizu *Tokyo Women's Medical University*
Atsushi Masamune *Tohoku University*

■ Speaker :

1. Pancreatitis-associated mutations in Japan
Atsushi Masamune
Tohoku University
2. Molecular mechanism of the regulation of pancreatic stellate cellular functions:
Indian Hedgehog (Ihh) regulation of cellular migration
Hirohide Ohnishi
Akita University
3. Pathophysiological roles of protease-activated receptors (PARs)
in pancreatic fibrosis
Shigenari Hozawa
Keio University
4. Regulation of pancreatic fibrosis in chronic pancreatitis
Tetsuhide Ito
Kyushu University

■ Discussant :

Kazuichi Okazaki *Kansai Medical University*
Myung-Hwan Kim *Asan Medical Center, Korea*
Todd H. Baron, Sr., *Mayo Clinic, U.S.A*

Poster Round

11:10 - 12:10 **Presentation and Discussion**

Summarized presentation and discussion will be provided by each presenter and chairperson.

Topic Seminar (with lunch)

12:15 - 13:15 **Recent Topics of Autoimmune Pancreatitis
(Solvay Pharmaceutical)**

■ Chairs :

Kazuichi Okazaki *Kansai Medical University*
Shigeyuki Kawa *Shinshu University*

■ Speaker :

1. Genetic predictor of relapse of autoimmune pancreatitis
Myung-Hwan Kim
Asan Medical Center, Korea
 2. Diagnostic criteria for autoimmune pancreatitis
Terumi Kamisawa
Tokyo Metropolitan Komagome Hospital
- Case Presentation and Discussion
- (1) A case of asymptomatic autoimmune pancreatitis in which delayed introduction of steroid therapy might lead to aggravated diabetes mellitus
Kenji Hirano
University of Tokyo
 - (2) A case of lymphoplasmacytic sclerosing pancreatitis forming a localized mass without high serum IgG4 level.
Go Kobayashi
Sendai City Medical Center

Symposium II

13:25 - 14:35 **Update of Diagnosis of Chronic Pancreatitis (Eisai Co.)**

■ Chairs :

Todd H. Baron, Sr., *Mayo Clinic, U.S.A*
Terumi Kamisawa *Tokyo Metropolitan Komagome Hospital*

■ Speaker :

1. Contrast-enhanced ultrasonography using contrast agent and elastography in chronic pancreatitis-differential diagnosis of mass - forming pancreatitis and pancreatic carcinoma-
Atsushi Sofuni
Tokyo Medical University
2. Benzoyl-L-Tyrosyl-[I-¹³C]Alanine breath test for diagnosing pancreatic insufficiency
Teruo Nakamura
Hirosaki University
3. Usefulness of EUS for diagnosing early-stage chronic pancreatitis
Atsushi Irisawa
Fukushima Medical University
4. Differentiating strategy between autoimmune pancreatitis and pancreatic cancer
Shigeyuki Kawa
Shinshu University

■ Discussant :

Naotaka Fujita *Sendai City Medical Center*
Kazuichi Okazaki *Kansai Medical University*
Yoshihisa Urita *Toho University*

14:35 - 14:45 **Break**

Symposium III

14:45 - 16:10 **Therapeutic Strategies for Chronic Pancreatitis
 (Torii Pharmaceutical Co.)**

Chairs :

Takao Itoi	<i>Tokyo Medical University</i>
Myun-Hwan Kim	<i>Asan Medical Center; Korea</i>

Speaker :

1. Therapeutic strategies for chronic pancreatitis;
 Management of pancreatic duct stones

Kenjiro Yasuda
Kyoto Second Red Cross Hospital
2. Endoscopic pancreatic stenting (EPS) for pancreatic duct stricture
 in chronic pancreatitis

Hiroyuki Maguchi
Teine-Keijinkai Hospital
3. Endoscopic management for chronic pancreatitis

Jong Ho Moon
Soon Chun Hyang University School of Medicine
4. Interventional endoscopy for treatment of chronic pancreatitis

Todd H. Baron, Sr.,
Mayo Clinic, U.S.A
5. Surgical management of chronic pancreatitis

Takashi Hatori
Tokyo Woman's Medical University

Discussant :

Makoto Sunamura	<i>Teikyo University</i>
Yoshinori Igarashi	<i>Toho University</i>
Norio Fukami	<i>University of Colorado Health Science, U.S.A</i>

16:10 - 16:15 **Closing Remarks**

16:30 - 18:30 **Get-together Party**

Poster Presentation

March 22nd 11:00~12:10

A : Basic Sciences

11:10 - 11:35

Chair : Akira Andoh *Shiga University of Medical Science*

- ◆P-1 Involvement of VPAC1 and VPAC2 receptors in increasing local pancreatic blood flow in anesthetized rats
 Hisato Igarashi
Kyushu University
- ◆P-2 Histamine-2 receptor antagonist, ranitidine, ameliorates caerulein-induced pancreatitis in rats
 Akihiro Yukawa
Showa University
- ◆P-3 Influence of chronic ethanol consumption on extra-pancreatic secretory function in rat
 Yoshihisa Urita
Toho University
- ◆P-4 Phosphatidylinositol 3-Kinase/Akt Signaling Mediates Interleukin-32 α Induction in Human Pancreatic Periacinar Myofibroblasts
 Atsushi Nishida
Shiga University
- ◆P-5 Interleukin-22 Receptor1 Expression in Pancreas Islets
 Makoto Shioya
Shiga University

C-1 : Chronic Pancreatitis

11:35 - 12:00

Chair : Isao Nishimori *Kochi Medical School*

- ◆P-6 A Genomewide DNA Microsatellite Association Study of Japanese Patient with Alcoholic Chronic Pancreatitis
 Kei Kitahara
Shinshu University
- ◆P-7 Association of Autoimmune Pancreatitis with Cytotoxic T-lymphocyte Antigen 4 Gene Polymorphisms in Japanese Patients
 Shigeyuki Kawa
Shinshu University
- ◆P-8 IL-13 promotes the proliferation of activated rat pancreatic stellate cells through multiple signaling pathways including autocrine TGF- β ₁/NF- κ B-, Akt-, and S6 kinase-dependent pathways
 Satoshi Shinozaki
Jichi Medical University
- ◆P-9 Engulfment of Necrotic Acinar cells by Pancreatic Stellate Cells Inhibits Pancreatic Fibrogenesis
 Junko Tahara
Tokyo Women's Medical University
- ◆P-10 Caerulein Induced pancreatitis and expression of Receptor for advanced glycation endproducts in Spontaneously Diabetic Torii rat
 Eri Sato
Hirosaki University

C-2 : Chronic Pancreatitis

11:10 - 11:35

Chair : Nobumasa Mizuno *Aichi Cancer Center Hospital*

- ◆P-11 How to Remove Pancreatic Stones Through Minor Papilla in Difficult Cases: Our Experience of 28 Cases
 Tadao Tsuji
Saitama City Hospital
- ◆P-12 Usefulness of new EUS criteria to diagnose the early chronic pancreatitis
 Ai Sato
Fukushima Medical University
- ◆P-13 Endosonographic follow-up in patient with early chronic pancreatitis; case studies
 Rei Suzuki
Fukushima Medical University
- ◆P-14 Pain is not correlated with histological severity in chronic pancreatitis
 Takashi Kobayashi
Niigata University
- ◆P-15 The evaluation of exocrine pancreatic insufficiency by using the breath test in pancreatic diabetes
 Atsufumi Matsumoto
Hirosaki University

C-3 : Chronic Pancreatitis

11:35 - 11:55

Chair : Tadao Tsuji *Saitama City Hospital*

- ◆P-16 Effect of ESWL and endoscopic treatment for pancreatolithiasis
 Tomoko Tada
Toho University
- ◆P-17 EUS-guided Drainage of Pancreatic Pseudocysts
 Mitsuharu Fukasawa
Teine-Keijinkai Hospital
- ◆P-18 Endoscopic pancreatic drainage for pancreatic cysts
 Takeo Ukita
Toho University
- ◆P-19 Clinical features of pancreatic cancer developed during follow-up of chronic pancreatitis
 Kazunari Nakahara
Sendai City Medical Center

C-4 : Chronic Pancreatitis

11:10 - 11:35

Chair : Minoru Tada *University of Tokyo*

- ◆P-20 Clinical features of autoimmune pancreatitis (AIP) and sclerosing cholangitis associated with AIP
Takayoshi Tsuchiya
Teine-Keijinkai Hospital
- ◆P-21 Three Subtypes of Autoimmune Pancreatitis Stratified by the Duodenal Papillary Features and the Serum IgG4
Kensuke Kubota
Yokohama City University
- ◆P-22 Autoimmune Pancreatitis Accompanied with Pseudotumors of the Liver
Hiroyuki Matsubayashi
Shizuoka Cancer Center
- ◆P-23 Autoimmune pancreatitis in young patients
Mitsuho Imai
Tokyo Metropolitan Komagome Hospital
- ◆P-24 Steroid pulse therapy for autoimmune pancreatitis
Tsunehiko Ikeda
Fukushima Medical University

C-5 : Chronic Pancreatitis

11:35 - 12:00

Chair : Naotaka Fujita *Sendai City Medical Center*

- ◆P-25 Aquaporin 1 (AQP1) water channel protein is overexpressed in the plasma membranes of pancreatic ducts in patients with autoimmune chronic pancreatitis
Shigeru B.H.Ko
Nagoya University
- ◆P-26 MRCP and MRI findings in autoimmune pancreatitis
Chen Pong Yui
Tokyo Metropolitan Komagome Hospital
- ◆P-27 Diagnosis of Autoimmune Pancreatitis using Endoscopic Ultrasonography
Noriyuki Hoki
Aichi Cancer Center Hospital
- ◆P-28 Is IgG4-positive plasma cell specific in autoimmune pancreatitis?
Masaru Takase
Juntendo University
- ◆P-29 Histologic diagnosis of autoimmune pancreatitis using EUS-guided trucut biopsy
Nobumasa Mizuno
Aichi Cancer Center Hospital

D-1 : Pancreatic Neoplasm

11:10 - 11:30

Chair : Fumihide Itokawa *Tokyo Medical University*

- ◆P-30 Clinicopathological study on the intraductal spread of small pancreatic cancer
Osamu Takasawa
Sendai City Medical Center
- ◆P-31 Two cases of primary carcinoid tumor of the pancreas associated with marked stenosis of the main pancreatic duct
Yoshihiro Hamada
Fukuoka University
- ◆P-32 Two cases of tumorous legions in the pancreatic body which was difficult to diagnosis precisely
Shigefumi Omuta
Toho University
- ◆P-33 A rare case of small Solid-Pseudopapillary Neoplasm of the Pancreas without cystic formation, diagnosed by EUS-FNA
Yukiko Takayama
Tokyo Women's Medical University

D-2 : Pancreatic Neoplasm

11:30 - 11:50

Chair : Iruru Maetani *Toho University Ohashi Medical Center*

- ◆P-34 Long-term following up in patient with IPMN from aspect of Carcinogenesis and organ cancers
Nobuhito Ikeuchi
Tokyo Medical University
- ◆P-35 A case of hemosuccus pancreaticus induced by intraductal papillary-mucinous carcinoma of the pancreas without mucin hypersecretion
Sawako Kuruma
Tokyo Metropolitan Komagome Hospital
- ◆P-36 Usefulness of contrast-enhanced ultrasonography in diagnosis of small pancreatic cancer
Kentaro Ishii
Tokyo Medical University
- ◆P-37 Usefulness of The Characterization of Tissue Hardness of Pancreatic Mass Using Elastography Endoscopic Ultrasound -First Trial of The Quantification Using Strain Ratio-
Fumihide Itokawa
Tokyo Medical University

B : Acute Pancreatitis

11:10 - 11:30

Chair : Hirokazu Nishino *Jikei University*

- ◆P-38 Is protease-activated receptor 2 (PAR-2) of macrophages/ monocytes an exacerbation factor for acute pancreatitis in rats?
Hitoshi Yoshida
Showa University
- ◆P-39 Perfusion Computerized Tomography Can Predict Pancreatic Necrosis in Early Stages of Severe Acute Pancreatitis
Yoshihisa Tsuji
Kyoto University
- ◆P-40 More accurate prediction of post-ERCP pancreatitis by 4-h serum lipase levels than amylase levels
Takayoshi Nishino
Tokyo Women's Medical University
- ◆P-41 Enteral nutrition for severe acute pancreatitis
Katsuya Kitamura
Showa University

D-3 : Pancreatic Neoplasm

11:30 - 11:50

Chair : Makoto Sunamura *Teikyo University*

- ◆P-42 Adenosquamous carcinoma of the pancreas associated with Humoral Hypercalcemia of Malignancy (HHM)
Noritoshi Kobayashi
Yokohama City University
- ◆P-43 Comparison of gemcitabine in combination with low dose cisplatin versus gemcitabine single for advanced pancreatic carcinoma -A Single Randomized Controlled Trial-
Shujiro Tsuji
Tokyo Medical University
- ◆P-44 Continuous perioperative blood glucose monitoring and control using a closed-loop system in patients undergoing pancreatic resection
Takehiro Okabayashi
Kochi Medical School
- ◆P-45 Nonalcoholic steatohepatitis (NASH) confirmed by liver biopsy in the early postoperative period of pancreaticoduodenectomy: report of a case
Hiroyuki Kato
Mie University