



## THE 2<sup>ND</sup> NIKKO INTERNATIONAL SYMPOSIUM 2005

### AAV and Its Application to Gene Therapy & Regenerative Medicine

**Date:** Friday September 30, 2005

**Venue:** JMS Information and In-service Training Center

~~~~~ Symposium Program ~~~~~

#### Opening Remark

**13:00 – 13:05**

**Fumimaro Takaku, M.D., Ph.D.**

President of Jichi Medical School, Tochigi, Japan

#### Introduction

**13:05 – 13:15**

**Keiya Ozawa, M.D., Ph.D.**

Program Leader, JMS 21<sup>st</sup> Century COE Program

#### AAV and Gene Therapy

*Chairperson: Yoichi Sakata*

**13:15 – 13:35**

**Serotypes of AAV and tissue specificity in vivo**

**Hiroaki Mizukami, M.D., Ph.D.**

Division of Genetic Therapeutics, Center for Molecular Medicine  
Jichi Medical School, Tochigi, Japan

**13:35 – 13:55**

**Phenotype correction of hemophilia A mice with adeno-associated virus vectors carrying the B domain-deleted canine factor VIII gene**

**Jun Mimuro, M.D., Ph.D. and Yoichi Sakata, M.D., Ph.D.**

Division of Cell and Molecular Medicine, Center for Molecular Medicine  
Jichi Medical School, Tochigi, Japan

*Chairperson: Shun Ishibashi*

**13:55 – 14:15**

**AAV-mediated gene therapy for lysosomal storage diseases**

**Yukihiko Hirai, Ph.D. and Takashi Shimada, M.D., Ph.D.**

Department of Biochemistry and Molecular Biology  
Division of Gene Therapy, Research Center for Advanced Medical Technology  
Nippon Medical School, Tokyo, Japan

**14:15 – 14:35**

**Recombinant adeno-associated virus (rAAV) as a therapeutic tool for Duchenne muscular dystrophy (DMD)**

**Yuko Miyagoe-Suzuki, M.D., Ph.D. and Shin-ichi Takeda, M.D., Ph.D.**

Department of molecular Therapy, National Institute of Neuroscience  
National Center of Neurology and Psychiatry, Tokyo, Japan

*Chairperson: Toshihiko Yada*

**14:35 – 14:55**

**Gene therapy for lifestyle-related diseases**

**Takashi Okada, M.D., Ph.D.**

Division of Genetic Therapeutics, Center for Molecular Medicine  
Jichi Medical School, Tochigi, Japan

**14:55 – 15:15**

**Gene therapy for Parkinson's disease: strategies for clinical applications**

**Shin-ichi Muramatsu, M.D., Ph.D.**

Divisions of Neurology and Oriental Medicine  
Jichi Medical School, Tochigi, Japan

*Chairperson: Imaharu Nakano*

**15:15 – 15:45**

**Host immunity to adeno-associated viral vectors: impact on gene therapy**

**Glenn F. Pierce, Ph.D., M.D.**

Consultant, Gene Therapy Clinical Development

Formerly Vice President, Research and Clinical Development, Avigen, Inc., Alameda, U.S.A.



**15:45 – 16:00**

**coffee break**



## **AAV and Regenerative Medicine**

*Chairperson: Eiji Kobayashi*

**16:00 – 16:20**

**Muscle dedifferentiation and regeneration induced by AAV vector-mediated gene transfer**

**Takeshi Endo, Ph.D.**

Department of Biology, Faculty of Science

Chiba University, Chiba, Japan

*Chairperson: Hiroaki Okamoto*

**16:20 – 16:40**

**Characterization of an insulator in AAVS1**

**Takamasa Takeuchi, Ph.D., M.D. and Tadahito Kanda, Ph.D.**

Division of Molecular Genetics

National Institute of Infectious Diseases, Tokyo, Japan

**16:40 – 17:00**

**Site-specific integration of a therapeutic gene into mesenchymal stem cells**

**Masashi Urabe, M.D., Ph.D.**

Division of Genetic Therapeutics, Center for Molecular Medicine

Jichi Medical School, Tochigi, Japan

*Chairperson: Yutaka Hanazono*

**17:00 – 17:30**

**Targeted gene delivery to embryonic stem cells**

**R. Michael Linden, Ph.D.**

Department of Gene and Cell Medicine

Department of Microbiology

Mount Sinai School of Medicine, New York, U.S.A.

*Chairperson: Keiya Ozawa*

**17:30 – 18:00**

**Random and targeted integration of adeno-associated virus vectors**

**David W. Russell, M.D., Ph.D.**

Department of Medicine

University of Washington, Seattle, U.S.A.

## **Closing Remark**

**18:00 – 18:10**

**Shin-ichi Tominaga, M.D., Ph.D.**

Vice-Dean of Jichi Medical School, Tochigi, Japan

**\*\*\*\*\* 18:15 ~19:30 Buffet-style dinner party at the SEIYODO restaurant \*\*\*\*\***

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### **【Secretariat】**

Division of Genetic Therapeutics, Center for Molecular Medicine, Jichi Medical School

3311-1 Yakushiji, Minamikawachi-machi, Kawachi-gun, Tochigi 329-0498, Japan

TEL: +81-285-58-7402 FAX: +81-285-44-8675 E-mail: dgtcmm@jichi.ac.jp