



# FOREFRONTS IN NEPHROLOGY SYMPOSIUM GENE THERAPY

SATELLITE SYMPOSIUM TO THE AMERICAN SOCIETY OF  
GENE THERAPY MEETING  
MAY 31 - JUNE 4, 2000

The objective of this symposium is to bring together scientific leaders in Gene Therapy and Nephrology to review our current understanding of Gene Therapy and future application to Renal Diseases. In focused oral sessions, gene therapy will be discussed in relation to the state-of-the-art treatment of kidney diseases.

CO-ORGANIZERS  
PAUL E. KLOTMAN, MD AND  
SAVIO WOO, PHD

**JUNE 5 - 6, 2000**

**HYATT REGENCY BEAVER  
CREEK,  
BEAVER CREEK, COLORADO**

## Forefronts in Nephrology Symposium - Gene Therapy

June 5 - 6, 2000

### Sunday, June 4, 2000

7:00pm – 10:00pm  
Registration and Welcome Reception

### Monday, June 5, 2000

#### Session 1 - Opening Remarks

8:00am – 8:15am  
Conference Overview  
Paul E. Klotman

8:15am – 8:45am  
State of the Art: Perspectives on  
the future of gene therapy  
Savio Woo

#### Session 2 - Gene Delivery

Chairs: Mary Klotman  
and Michael Lipkowitz

#### Adeno-associated Virus

8:45am – 9:15am  
New insights into the molecular  
biology of AAV  
Michael Linden

9:15am – 9:45am  
AAV production  
Reid Clark

9:45am – 10:15am - Refreshment Break

#### Adenovirus

10:15am – 10:45pm  
Adenoviral vectors  
Jeffrey Chamberlain

10:45pm – 11:15pm  
Novel approaches to disease  
therapy  
Alan Verkman

#### Lentiviruses

11:15pm – 11:45pm  
Development of lentiviral vectors  
Romain Zufferey

11:45pm – 1:00pm - Lunch

#### Nonviral Delivery

Chairs: Frank Szoka and Arthur Krieg  
1:00pm – 1:30pm  
Non-viral vectors  
Frank Szoka

1:30pm – 2:00pm  
Immune modulation by nucleic  
acids  
Arthur Krieg

2:00pm – 2:30pm  
Identification of a selective nucleic  
acid channel  
Basil Hanss

2:30pm – 2:45pm - Refreshment Break

2:45pm – 3:15pm  
The "sleeping beauty" transposon  
system  
Perry Hackett

3:15pm – 3:45pm  
Ribozyme development for  
therapeutics  
Larry Blatt

#### Session 3 - Progenitor Cells as Targets

Chairs: Tom Daniel and Qais Al Awqati

3:45pm – 4:15pm  
Hematopoietic stem cells  
Gordon Keller

4:15pm – 4:45pm  
Percursor cells in tissues  
Mark Noble

4:45pm – 5:15pm  
Renal progenitors  
John Barasch

### Tuesday, June 6, 2000

#### Session 4 - Disease Targets I

Chair: Richard Lifton

8:00am – 8:30am  
State-of-the-Art:  
Genetic disorders: targets for gene  
therapy  
Richard Lifton

8:30am – 9:00am  
CFTR  
Barrie Carter

9:00am – 9:30am  
Aquaporin delivery  
Alan Verkman

9:30am – 10:00am  
Fabry's disease  
Yiannis Ioannou

10:00am – 10:30am - Refreshment Break

#### Poster Session

10:30am – 12:00pm

12:00pm – 1:00pm - Lunch

#### Session 5 - Disease Targets II

Chairs: Thomas Coffman and  
Barbara Murphy

1:00pm – 1:30pm  
State-of-the-Art: Selecting molecu-  
lar targets for gene therapy  
William Haseltine

1:30pm – 2:00pm  
Islet cell transplantation  
Judy Thomas

2:00pm – 2:30pm  
Kidney transplantation  
Jonathan Bromberg

#### Session 6 - Disease Targets III

Chairs: Richard Polisson and Paul  
Klotman

2:30pm – 3:00pm  
Gene therapy for vascular disease  
Douglas Losordo

3:00pm – 3:30pm  
Regulated secretion  
Victor Rivera

3:30pm – 4:00pm  
Erythropoietin regulation  
Tim Clackson

Session Ends



\*Schedule is subject to change.

## Instructions for Abstract Submission

1. All abstracts must be submitted in one of the following ways:

- On a 3 1/2" PC formatted disk saved to either a Word (.doc) or Text (.txt) file sent through the mail to ISN – Gene Therapy, c/o Professional Meeting Planners, 5 Central Square, Suite 201, Stoneham, MA 02180 USA.
- A Word (.doc) or Text (.txt) file emailed to [leppich@pmpmeeting.com](mailto:leppich@pmpmeeting.com) (To the attention/subject of: ISN – Gene Therapy).

- Please adhere to the following guidelines:
  - Use 1-inch margins (2.5 cm) at the top, bottom and both sides.
  - Single space all text and use 10-point type (Font style Times New Roman is preferred.)
  - Align all text to the left side of the page.
  - Type the title of the paper on the first line in all capital letters. (Do not abbreviate and please use a title indicative of the content of the abstract. To facilitate electronic retrieval, please include all words necessary to identify the subject matter.)
  - Leave the second line blank.

- Type the first initial and last name of each author, the institution, city, state, and country where the work was performed.
  - Leave the next line blank.
  - Type the main body of the abstract. The total length should be no longer than 300 words.
- Conference registration form and payment must be submitted upon approval of abstract.
  - All accepted abstracts submitted for the ISN – Gene Therapy meeting will be included in Kidney International.
  - Abstracts may not be withdrawn once submitted.

**General Information**

The **Hyatt Regency Beaver Creek** is located at an altitude of 8,100 feet above sea level at the base of Beaver Creek Mountain in the heart of the Rocky Mountains. The spectacular scenery of Beaver Creek is a year-round delight to be enjoyed by everyone. The Resort is located approximately 10 miles west of Vail and 110 miles west of Denver – an easy 2 ¼ hour drive over scenic four-lane highways on Interstate 70.

The climate during the summer months averages 65 – 85 degrees during the day with cooler temperatures in the evening. Occasionally there are brief showers. High altitude means dry air and low humidity.

The hotel is the centerpiece of Beaver Creek’s pedestrian village, with a plaza of restaurants and shops and an outdoor ice skating rink! Allegria Spa and Health Club is a 20,000 square foot state-of-the-art facility located at the resort.

**Summer Activities**

Summer activities include golf, hiking, biking, fishing, horseback riding, swimming, hot air ballooning, four wheel drive tours, kayaking, paddle boating, rafting tours, and tennis.

**Children’s Activities**

Camp Hyatt Beaver Creek offers special programs only to hotel guests, allowing children to participate in exciting activities.

The Small World Play School offers daily child care from 8:00 am – 5:00 pm for children 2 months and older for guests of Beaver Creek Resort.

**Effect of High Altitude on Visitors**

At high altitudes, everyone is effected to some degree. The effects vary from individual to individual and cover a variety of symptoms. Upon arrival to high altitude, take it easy and drink plenty of liquids.

**Meeting Location**

All sessions will be held at the Hyatt Regency Beaver Creek, 136 East Thomas Place, Beaver Creek, Colorado 81620. Telephone: (970) 949-1234

**Accommodations**

A block of rooms has been reserved at the **Hyatt Regency Beaver Creek** until May 5, 2000. Please specify that you are enrolled in this symposium to receive a reduced room rate. (Phone: 970-949-1234)

**Air Travel**

**United Airlines** is the official airline of the ISN Forefronts in Nephrology symposium. If you or your travel agent call United’s toll-free number (1-800-521-4041) to book your reservations, you will

receive a 5% discount off the lowest applicable discount fare, including First Class, or a 10% discount off full fare unrestricted coach fares, purchased 7 days in advance. An additional 5% discount will apply when tickets are purchased at least 60 days in advance of your travel date. discounts also apply on Shuttle by United and United Express. Call United’s Specialized Meeting Reservations Center at 1-800-521-4041 to obtain the best fares and schedule information. Make sure you refer to **Meeting ID Number 543ZL**. Dedicated reservation agents are on duty 7 days a week from 7:00 am to 12:00 midnight EST. Please call today as seats are limited.

**Registration Information**

Registration Fee: \$300 (U.S.)  
Companion Fee: \$75 (U.S.)

**Companion Fee**

A companion fee enables your companion to accompany you to the evening reception and evening dinner.

**Cancellations and Substitutions**

Cancellations must be made in writing and received on or before May 22, 2000 to receive a refund. No refunds will or substitutions will be made after May 22, 2000.

**Forefronts in Nephrology Symposium**  
**Gene Therapy**  
**June 5 - 6, 2000**



Registration fees:

- \$300 (U.S.)
- Companion Fee \$ 75 (U.S.) (per companion)

Please make checks payable to: *International Society of Nephrology*  
Checks must be in U.S. Dollars drawn on a U.S. bank.

Please print or type (This information will be used to print conference badge)

- Dr.     Mr.     Ms.

Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_ Middle Initial: \_\_\_\_\_

Title: \_\_\_\_\_

Institution/Company: \_\_\_\_\_

Mailing Address: ( Home  Business): \_\_\_\_\_

City: \_\_\_\_\_ State/Province: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Country: \_\_\_\_\_ Email: \_\_\_\_\_

Daytime Phone: (    )    Fax: (    )

Companion Name(s) (See fee listed above)

- 1) \_\_\_\_\_  Adult     Child    Age of Child \_\_\_\_\_
- 2) \_\_\_\_\_  Adult     Child    Age of Child \_\_\_\_\_
- 3) \_\_\_\_\_  Adult     Child    Age of Child \_\_\_\_\_

**Abstract Registration**

- I have included my payment information and would like the payment to be processed only if the abstract(s) is accepted.
- I have included my payment information and would like the payment to be processed immediately. Please send a registration confirmation at this time as I will be attending the meeting regardless of the acceptance of the abstract(s).

Are you applying for a young investigator grant to partially cover your attendance \$300 (U.S.) and travel?  Yes     No

Please mail your completed registration form along with your payment to: ISN - Gene Therapy, c/o Professional Meeting Planners, 5 Central Square, Suite 201, Stoneham, MA 02180 USA. If you have any questions, please contact Professional Meeting Planners at +1-781-279-9887 or email: leppich@pmpmeeting.com