



9th INTERNATIONAL CONFERENCE PRENATAL DIAGNOSIS & THERAPY

June 8 - 11, 1998 • Marina Beach Marriott • Los Angeles • California



- ★ Discover new methods for invasive prenatal diagnosis
- ★ Recognize earliest signs of fetal aneuploidy
- ★ Distinguish between methods of fetal cell isolation from maternal circulation
- ★ Understand metabolic disorders amenable to early prenatal diagnosis
- ★ Analyze ethical and legal problems in prenatal diagnosis

Sponsored by
Cedars-Sinai Medical Center
Dept. Obstetrics & Gynecology
Los Angeles, California

In Cooperation with...

- ▲ **International Society for Prenatal Diagnosis**
- ▲ **Wayne State University**
Hutzel Hospital, Detroit, Michigan
- ▲ **Baylor College of Medicine**
Houston, Texas
- ▲ **March of Dimes**

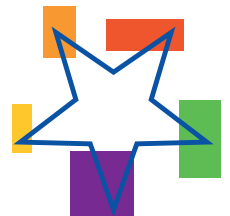


Cedars-Sinai Medical Center
Department of Obstetrics and Gynecology
8700 Beverly Boulevard
Los Angeles, CA 90048

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9TH INTERNATIONAL CONFERENCE ON PRENATAL DIAGNOSIS & THERAPY
JUNE 8 - 11, 1998 • LOS ANGELES, CALIFORNIA



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n behalf of the International Society for Prenatal Diagnosis, it is our pleasure to invite you to participate in The International Conference on Prenatal Diagnosis & Therapy.

The conference will provide an excellent opportunity to interact with world renowned scientists and physicians in the field of prenatal diagnosis and therapy. The Organizing Committee has prepared a comprehensive scientific program, which will include the latest information in this important field within our specialty of obstetrics and gynecology.

This will be a very exciting and interesting conference and we hope you will be able to join us. Additionally, we have organized various sightseeing trips and hope that you will consider bringing your family to this beautiful city.

Lawrence D. Platt, MD
Co-director

Mark I. Evans, MD
Co-director

Joe Leigh Simpson, MD
Co-director

INTERNATIONAL SOCIETY FOR PRENATAL DIAGNOSIS

President: J.L. Simpson, USA

Secretary: H. Zakut, Israel

Treasurer: H. Goldstein, Denmark

Board Members: B. Brambati, Italy; M.A. Ferguson-Smith, UK;

E. Gadow, Argentina; L. Jackson, USA; L. Platt, USA; C.H. Rodeck, UK

Local Organizing Committee: S. Elias, M. Evans, L. Platt, J.L. Simpson, G. Gerber, D. Shaps

Please note that at the end of this conference, all participants should be able to understand new methods for:

- ★ Invasive prenatal diagnosis
- ★ First trimester biochemical screening
- ★ Second trimester biochemical screening
- ★ Ultrasonic screening for chromosomal abnormalities
- ★ Analysis of skeletal dysplasia
- ★ Detection of fetal cells in maternal blood
- ★ Fetal therapy

“ While
in LA,
be Sure
to Visit”

Disneyland

Getty
Museum

Museum of
Tolerance

Los Angeles
County
Museum
of Art

The
Peterson's
Automotive
Museum

Venice Beach

Malibu Beach

Universal
Studios

GENERAL INFORMATION

LOCATION

Marina Beach Marriott Hotel, 4100 Admiralty Way, Marina Del Rey, California 90292 (USA)
Phone: 310-301-3000 Fax: 310-448-4870

ACCOMMODATIONS

A block of rooms has been reserved until Monday, May 18, 1998 at the Marina Beach Marriott Hotel at the special conference rate of \$149 single/double occupancy plus applicable hotel tax. After this date, reservations may only be made on a space-available basis and at regular rates. Reservations must be made by completing the Hotel Registration Form included in this brochure.

REGISTRATION

The registration fee before April 1, 1998 is \$475 and after this date is \$525. The conference registration fee includes:

- a one-year subscription to the journal *Prenatal Diagnosis*
- access to the scientific meeting, exhibits, conference proceedings and coffee breaks.

CANCELLATIONS

Cancellations postmarked by May 1, 1998 will receive a full refund or credit (less a \$75 administrative processing fee). Registration refunds will be made only upon written request. No refunds will be granted after this date. Those who do not attend and have not canceled are responsible for the full fee.

LANGUAGE

The official language of the conference is English.

COMMERCIAL EXHIBITS

The exhibition will feature genetic and other related medical equipment, pharmaceutical and laboratory products and medical publishing company services. The exhibits will be open during the conference hours.

ACCREDITATION

Application will be made for AMA Category 1 credits through Cedars-Sinai Medical Center.

ABSTRACT SUBMISSIONS

Please complete the form by April 1, 1998 and return to Lawrence D. Platt, MD, Cedars-Sinai Medical Center, Dept. Of Ob/Gyn, 8700 Beverly Blvd., Los Angeles, CA 90048, USA., or call Dale Shaps. Telephone 310-855-7439; Fax 310-967-0142; E-mail platt@cshs.org

OFFICIAL TRAVEL AGENCY

Goin' Places Travel can offer discounts on airfares and rental car packages to conference attendees. For special rates, contact Ruth Silverman, toll free at 800-825-3483 (310-385-1321 outside of the USA), Monday through Thursday 9:30am - 5:30pm and Friday 9:30am - 3:00pm Pacific Time.

AIR TRANSPORTATION

United Airlines is the official airline for the conference. For discounted airfare information, reference #519PX when making your reservations. Note: All flights booked 60 days or more in advance of the meeting may receive a 10% discount, otherwise the standard 5% discount may apply.

WEATHER

The weather in Southern California in June is mild. A light jacket may be necessary in the evenings.

IMPORTANT DATES

- | | |
|-----------------|------------------------------|
| • April 1, 1998 | Early Registration Deadline |
| • April 1, 1998 | Abstract Submission Deadline |
| • May 18, 1998 | Hotel Reservation Deadline |

This conference is made possible by a grant from the March of Dimes

SCHEDULE OF EVENTS

MONDAY, JUNE 8, 1998

6:30 - 8:00 Registration and continental breakfast

PLENARY I

Moderator: de la Cruz (NIH)

8:00	Welcome and Overview	Simpson, Platt, Evans
8:15	Effect of Prenatal Diagnosis on Liveborn Rates	
8:45	Using Birth Defects Registries to Monitor Malformations: Promise and Pitfalls	Gadow (Buenos Aires)

PLENARY II

INVASIVE PROCEDURES: FIRST TRIMESTER

Moderators: Froster (Zurich)/Jackson (Philadelphia)

9:10	CVS & Genetic Diagnosis in Twin & Higher Multiple Pregnancies	Brambati (Milan)
9:30	CVS and Limb Reduction Defects: European experience	Froster (Zurich)
9:50	CVS and Limb Reduction Defects: American experience	Jackson (Philadelphia)

10:10 - 10:30 Coffee Break and Posters

10:30	Early Amniocentesis: Indian Experience	Chakravarty (Mumbai)
10:50	Early Amniocentesis: Danish Experience	Bang (Copenhagen)
11:10	Early Amniocentesis: Canadian Experience	Wilson (Vancouver)
11:30	Early Amnio vs. Late CVS: USA (NIH) Experience	Wapner (Philadelphia)
11:50	Coelocentesis	Campbell (London)

12:15 - 1:45 Lunch Break

PLENARY III

INVASIVE PROCEDURES: SECOND TRIMESTER

Moderators: Rodeck (London)/Holzgreve (Basel)

1:50	Embryoscopy in Diagnosis and Therapy	Reece (Philadelphia)
2:10	Second Trimester Amniocentesis: Safety & Utilization	Fortuny (Barcelona)
2:30	FBS: Safety	Rodeck (London)
2:50	Tissue Biopsies: Liver	Holzgreve (Basel)
3:10	Muscle Biopsies	Evans (Detroit)
3:30	Skin Disorders: Detectable by Molecular Methods	Christiano (Philadelphia)

3:50 - 4:15 Coffee Break and Posters

4:15 - 6:00 Concurrent Free Communications

CONCURRENT "A"

INVASIVE PROCEDURES

Moderators: Smidt-Jensen (Denmark)/Filkins (Los Angeles)

CONCURRENT "B"

LAB ANALYSIS

Moderators: Chakravarty (Mumbai)/Otaño (Buenos Aires)

* *Scheduled to attend.*

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SCHEDULE OF EVENTS

TUESDAY, JUNE 9, 1998

7:30 - 8:15 BUSINESS MEETING - ISPD
Moderator: Simpson (Houston)

PLENARY IV
Moderator: Simpson (Houston)

8:15 Molecular Cytogenetics

Ferguson-Smith (Cambridge)*

CONCURRENT "C"

LABORATORY ANALYSIS

Moderators: Crandall (Los Angeles)/Philip (Copenhagen)

8:40 AF Culture Techniques
9:00 FISH in AF and CVS Cytogenetic Analysis
9:20 Uniparental Disomy & CVS Mosaicism
9:50 Aneuploidy in Preimplantation Embryos -
Relationship to CVS Mosaicism

Miller (Boston)
Philip (Copenhagen)
Pergament (Chicago)
Harper (London)

CONCURRENT "D"

COUNSELING

Moderator: Krakow (Los Angeles)

8:40 Acceptability of Prenatal Diagnosis
9:00 Prenatal Diagnosis: Uruguay Experience
9:20 Changing Utilization of Prenatal Genetic Centers
9:50 Counseling for Cystic Fibrosis
10:10 Counseling for BRAC 1 & BRAC 2

Otaño (Buenos Aires)
Quadrelli (Uruguay)
Krivchenia (Detroit)
Wendt (Los Angeles)
Scheuner (Los Angeles)

10:30-10:45 Coffee Break

PLENARY V

MENDELIAN DISORDERS

*Moderators: Kaback (San Diego)/Ferguson-Smith (Cambridge)**

10:45 Molecular vs. Biochemical Diagnosis of Tay Sachs
11:05 Cystic Fibrosis
11:30 Gaucher, Canavan and other Ashkenazi Disorders
11:50 b-thalassemia

Kaback (San Diego)
Gilbert (New York City)
Grabowski (Cincinnati)*
Antsaklis (Athens)*

12:30-1:50 Lunch Break

PLENARY VI

ETHICAL AND LEGAL ISSUES

Moderators: Zakut (Jerusalem)/ Taylor (Los Angeles)

1:50 Prenatal Diagnosis in Secular & Socialized Healthcare
2:10 Religious Views and Prenatal Genetic Diagnosis
2:30 Informed Consent and Communication
2:50 New Tests: When to Use?
3:10 Legal Issues

Goldstein (Copenhagen)
Zakut (Jerusalem)
Taylor (Los Angeles)
Fleisher (Chicago)*

* *Scheduled to attend.*

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SCHEDULE OF EVENTS

WEDNESDAY, JUNE 10, 1998

PLENARY VII

PRE-IMPLANTATION DIAGNOSIS

Moderators: Verlinsky (Chicago)/Handyside (London)

8:00	World Experience in PGD & Blastomere Biopsy (Plenary)	Handyside (London)
8:30	Polar Body Biopsy	Verlinsky (Chicago)
8:50	PGD of Aneuploidy & Translocations	Munné (St. Barnabas)
9:20	Single Cell PCR: and Allele Drop Out in Sperm	Hughes (Detroit)
9:40	Maximizing Molecular Accuracy of Single Cell PCR	Strom (Chicago)
10:00	Whole Genome Amplification	Wells (London)

10:20-10:40 Coffee Break

PLENARY VIII

EXPERIENCE AND SAFETY IN SELECTED DISORDERS

Moderators: Liaebers (Brussels)/ Simpson (Houston)

10:40	Myotonic Dystrophy and Huntington Disease	Sermon (Brussels)
11:00	FragileX	Miller (Boston)
11:20	Rh(D)	Van den Veyver (Houston)
11:40	Muscular Dystrophy	Hughes (Detroit)
12:00	Marfan Syndrome	Krey (New York City)
12:20	Difficulties in Assessing PGD Safety	Simpson (Houston)
12:40	Long Term Follow-up PGD and ICSI Babies	Liaebers (Brussels)

1:00-2:15 Lunch Break

CONCURRENT "E"

FETAL CELLS IN MATERNAL BLOOD

Moderators: Elias (Houston)/Bianchi (Boston)

2:15	FACS vs. MACS	Bianchi (Boston)
2:35	Ferro Fluids and Fetal Cells Separation	Jackson (Philadelphia)
2:55	New Selection Techniques	Golbus (San Francisco)
3:15	Aneuploidy Detection	Elias (Houston)
3:35	Single Gene Detection	Goldberg (San Francisco)
3:55	Micromanipulation	Takabayashi (Kanazawa)
4:15	Application of Fetal Cell Analysis to Obstetrical Disorders	Holzgreve (Basel)
4:35	Fetal Cells in Cervical Mucus	Rodeck (London)

* *Scheduled to attend.*

(Wednesday Schedule continued)

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SCHEDULE OF EVENTS

WEDNESDAY, JUNE 10, 1998

CONCURRENT "F"

FETAL THERAPY

Moderators: Evans (Detroit)/Zakut (Jerusalem)/ Carlson (Los Angeles)

2:15	Surgical - Percutaneous	Evans (Detroit)
2:35	Surgical - Endoscopic	Deprest (Leuven)
2:55	Surgical - Open	Flake (Philadelphia)
3:15	Medical - Mendelian	Hume (Tacoma)
3:35	Medical - Cardiac	Kleinman (New Haven)
3:55	Medical - Chemotherapy	Carlson (Los Angeles)
4:15	Stem Cell	Zanjani (Reno)
4:35	Genetic	Parkman (Los Angeles)
5:00 - 5:15	Coffee Break	
5:15 - 6:30	Free Communications	

CONCURRENT "G"

FETAL CELLS

Moderator: Jackson (Philadelphia)

CONCURRENT "H"

FETAL SURGERY AND PREIMPLANTATION GENETICS

Moderators: Ao (Montreal)/Golbus (San Francisco)



THURSDAY, JUNE 11, 1998

ULTRASOUND AND MATERNAL SERUM SCREENING

PLENARY IX

Moderator: Bombard (Walnut Creek)

8:00 Free Communications - Ultrasound and Serum Screening

PLENARY X

Moderators: Platt (Los Angeles)/Cunningham (Berkeley)

9:00	Molecular Delineation of the Skeletal Dysplasias	Rimoin (Los Angeles)
9:20	Ultrasound in Latin America	Lippold (Buenos Aires)*
9:40	Second Trimester Ultrasound Screening for Aneuploidy Detection	Campbell (London)
10:00	Role of 3-D Ultrasound in Prenatal Diagnosis	Platt (Los Angeles)
10:20	Telemedicine - Where are We?	D'Alton (Boston)
10:40-11:00	Coffee Break	
11:00	Nuchal Translucency for Down Syndrome Screening	Snijders (London)
11:20	California Serum Screening Experience	Cunningham (Berkeley)
11:40	New Analysis for Second Trimester Screening	Canick (Providence)
12:00	First Trimester Serum Screening	Wald (London)
12:20	First Trimester Assays: Technical Aspects & Availability	Macri (Long Island)
12:40	Closing	

CONFERENCE REGISTRATION FORM

9TH INTERNATIONAL CONFERENCE ON PRENATAL DIAGNOSIS AND THERAPY, JUNE 8 - 11 1998

Name: _____ Specialty: _____

Address: _____

City: _____ State: _____ Zip: _____ Country: _____

Affiliation: _____

Telephone: _____ Fax: _____ e-mail: _____

TUITION

Received before April 1, 1998: Physicians US\$475 Residents/Retired Physicians/Nurses/Allied Health Professionals US \$425

Received after April 1, 1998: Physicians US\$525 Residents/Retired Physicians/Nurses/Allied Health Professionals US \$475

METHOD OF PAYMENT

___ Check enclosed (payable to Cedars-Sinai Medical Center)

___ Charge my: Visa Mastercard American Express

Account #: _____

Expiration date (DD/MM/YY): _____

Name on Card: _____

Signature: _____

Mail completed registration and payment to:
Lawrence D. Platt, M.D.
Cedars-Sinai Medical Center
Department of Obstetrics and Gynecology
8700 Beverly Boulevard
Los Angeles, CA 90048 USA
Fax: 310-967-0142
Phone: 310-855-7433

HOTEL REGISTRATION FORM

9TH INTERNATIONAL CONFERENCE ON PRENATAL DIAGNOSIS AND THERAPY, JUNE 8 - 11, 1998

Mail or fax this form directly to the hotel: Marina Beach Marriott Hotel

4100 Admiralty Way, Marina Del Rey, CA 90292, USA

Phone: 310-301-3000 Fax: 310-448-4870

Reservation for: Double Room Suite Non Smoking Room? Yes No

Arrival on: _____ Departure on: _____

day

date

day

date

Reservation in Name: _____

Address: _____

City: _____ State: _____ Zip: _____ Country: _____

Telephone: _____ Fax: _____ e-mail: _____

METHOD OF PAYMENT

___ Check for (1) night @ US \$149 enclosed. Please make check payable to: Marina Marriott Hotel.

Charge my: Visa Mastercard American Express

Account #: _____ Expiration date (DD/MM/YY): _____

Name on Card: _____ Signature: _____