EDUCATIONAL OBJECTIVES

Thursday - Saturday, March 17-19, 2005

Sir Francis Drake Hotel
San Francisco, California

DIABETES UPDATE
and
ADVANCES IN ENDOCRINOLOGY
AND METABOLISM

At the completion of the Diabetes Update sessions, course participants should be able to discuss:

- The potentials for stem cell therapy;
- Approaches to the prevention of type 1 and type 2 diabetes;
- Incititors - what are they and how can incititors be used in the treatment of type 2 diabetes;
- An update on continuous blood glucose monitoring technology;
- The clinical impact of the metabolic syndrome;
- An update on treatments for obesity;
- How to combine oral agents and insulins in the treatments of patients with type 2 diabetes;
- PPAR agonists - an update on their use in patients with type 2 diabetes.

ACCREDITATION

The University of California, San Francisco (UCSF) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. Physicians: UCSF designates this educational activity for a maximum of 18.25 hours in category 1 credit toward the American Medical Association (AMA) Physician’s Recognition Award. Each physician should claim only those hours of credit that he/she actually spent in the activity.

AAFP: Application for CME credit has been filed with the American Academy of Family Physicians (AAFP). Determination of credit is pending.

Nurses: For the purpose of recertification, the American Nurses Credentialing Center accepts AMA PRA category 1 credit issued by organizations accredited by the ACCME for 2 credit hours toward meeting the continuing education requirements for license renewal.

EDUCATIONAL OBJECTIVES

At the completion of the Advances in Endocrinology and Metabolism sessions, course participants should be able to discuss:

- Clinical studies on osteoporosis in men;
- Evaluating and treating patients with osteoporosis;
- Evaluating patients with calcium sensor mutations and how to use the currently available calcimimetic drug;
- Growth hormone therapy in adults;
- Use of ultrasound in the management of thyroid disorders;
- MEN syndromes;
- Management of commonly seen pituitary and adrenal disorders;
- Evaluating and treating low HDL cholesterol syndromes;
- Combination therapies for dyslipidemia;
- Sex determination and differentiation.

REGISTRATION

Please use attached form for advance registration. See course fees on inside.

Online registration: www.cme.ucsf.edu
Registration Phone: 415/476-5688
Registration Information: 415/476-5208
Date: Thursday, March 17, 2005
Location: Sir Francis Drake Hotel
450 Powell Street
San Francisco, CA 94102
Phone: 415/392-7755
Reservations: 415/677-9341
800/227-5480
Fax: 415/677-9341
www.sirfrancisdreake.com
DIABETES UPDATE and
ADVANCES IN ENDOCRINOLOGY AND METABOLISM
Thursday - Saturday, March 17-19, 2005
Sir Francis Drake Hotel
San Francisco, California

EDUCATIONAL OBJECTIVES
At the completion of the Diabetes Update sessions, course participants should be able to discuss:

- The potentials for stem cell therapy;
- Approaches to the prevention of type 1 and type 2 diabetes;
- Incisions — what are they and how can incisions be used in the treatment of type 2 diabetes;
- An update on continuous blood glucose-monitoring technology;
- The clinical impact of the metabolic syndrome;
- An update on treatments for obesity;
- How to combine oral agents and insulins in the treatments of patients with type 2 diabetes;
- PPAR agonists — an update on their use in patients with type 2 diabetes.

ACCREDITATION
The University of California, San Francisco School of Medicine (UCSF) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Physicians: UCSF designates this educational activity for a maximum of 18.25 hours in Category 1 credit toward the American Medical Association’s (AMA) Physician’s Recognition Award. Each physician should claim only those hours of credit that he/she actually spent in the activity.

AAFP: Application for CME credit has been filed with the American Academy of Family Physicians (AAFP).

Nurses: For the purpose of recertification, the American Nurses Credentialing Center accepts AMA PRA Category 1 credit issued by organizations accredited by the ACCME to provide continuing education requirements for nurses renewal.

Physician Assistants: The American Academy of Physician Assistants (AAPA) accepts courses approved by the AMA for Category 1 credit as meeting the state continuing education requirements for nurses renewal.

REGISTRATION
Please use attached form for advance registration. See course fees on inside.

Online registration: www.cme.ucsf.edu
Registration Phone: 415/476-5888
Registration Information: 415/476-5208
Date: Thursday, March 17, 2005
Location: Sir Francis Drake Hotel
Reservations: 415/677-9341
Fax: 415/392-7755
Phone: 800/227-5480
www.sirfrancisdrake.com
DIABETES UPDATE and ADVANCES IN ENDOCRINOLOGY AND METABOLISM
Moderator: Umesh Mathurani, M.B.B.S., MRCGP
THURSDAY - March 15, 2005
7:30 am Registration
8:00 Stem Cell Research: An Update
Michael S. Gorman, M.D.
8:30 Intrinsin: Roles in the Pathophysiology and Treatment of Diabetes
Ira D. Goldberg, M.D.
9:30 Break
10:10 The Metabolic Syndrome: Screening and Treatment of Diabetes
Elizabeth J. Murphy M.D., Ph.D.
11:05 An Update on Noninvasive and Continuous Glucose Monitoring
David C. Krioff, M.D., FACP
12:00 Lunch on own
1:15 pm Combining Oral Medications and Insulin Therapy in Type 2 Diabetes
Umesh Mathurani, M.B.B.S., MRCGP
2:10 Obesity: What Treatments Work
Robert R. Baron, M.D., M.S.
3:05 Break
3:25 Clinical Studies on the Prevention of Type 1 and Type 2 Diabetes
Stephen Gilman, M.D.
4:20 PPAR Agonists: Their Place In the Treatment of Diabetes
Martha S. Nolte, M.D.
5:15 Adjourn
FRIDAY - March 16, 2005
7:30 am Registration
8:00 Recent Advances in Sea Determination and Differentiation
Felis Cecco M.D.
8:00 Orthopnea in Men
Eric Orwell, M.D.
8:35 Caisum Senser Mutations and Calcification Therapy
Dolores Shoback, M.D.
9:50 Break
10:10 Clinical Cases in Orthopnea
Dolores Shoback, M.D.
Eric Orwell, M.D.
11:15 Growth Hormone Therapy: Current Concepts
Mary Lee Vance, M.D.
12:00 Adjourn
SATURDAY - March 19, 2005
8:00 am Recent Advances in Sea Determination and Differentiation
Felis Cecco M.D.
8:35 Differential Diagnosis and Treatment of Low FGH Cholesterol Syndrome
John P. Kana, M.D., Ph.D.
9:30 Break
10:10 Combination Therapy for Dyslipidemia
Philip H. Frost, M.D.
11:05 MEN Syndromes
David G. Gardner, M.D.
12:00 Adjourn
COURSE CHAIR
Umesh Mathurani, M.B.B.S., MRCGP
Course Chair: American Diabetes Association, American College of Physicians
GUEST FACULTY
Eric Orwell, M.D., Oregon Health Sciences University, Professor of Medicine, Division of Endocrinology, Diabetes, Clinical Nutrition Division, General Clinical Research Center
Mary Lee Vance, M.D., University of California, Professor of Medicine, University of California, San Francisco Medical Center
Robert R. Baron, M.D., M.S., Assistant Professor of Medicine, University of California, San Francisco Medical Center
Michie Cheng, M.D., Ph.D., Clinical Fellow, Division of Endocrinology
Felis Cecco, M.D., Professor of Medicine, Department of Pediatrics, University of California, San Francisco Medical Center
Philip H. Frost, M.D., Assistant Clinical Professor of Medicine
David G. Gardner, M.D., Professor of Medicine
Michael J. Gorman, M.D., Associate Professor of Medicine
Stephen Gilman, M.D., M.B., Ph.D., Professor of Medicine, Department of Medicine, University of California, San Francisco Medical Center
Ira D. Goldberg, M.D., Professor of Medicine and Physiology
Ruth B. Goldstein, M.D., Professor of Radiology
FRANK S. GREVENSON, M.D., M.B., FACCP Clinical Professor of Medicine and Radiology
John P. Kana, M.D., Ph.D., Professor of Medicine, University of California, San Francisco Medical Center
David E. Krioff, M.D., FACCP Clinical Professor of Medicine
Ching-Hua Liu, M.D., Assistant Clinical Professor of Medicine
Elizabeth J. Murphy, M.D., Ph.D., Assistant Clinical Professor Medicine, University of California, San Francisco Medical Center
Martha S. Nolte, M.D., Associate Clinical Professor of Medicine, University of California, San Francisco Medical Center
Dolores Shoback, M.D., Professor of Medicine, University of California, San Francisco Medical Center
J. Blake Tyrell, M.D., Clinical Professor of Medicine
DIABETES UPDATE & ADVANCES IN ENDOCRINOLOGY AND METABOLISM
March 17-19, 2005
Online Registration: www.medicine.ucsf.edu
Fax: (415) 476-5150
Mailing Address:
601 Parnassus Avenue, Box 2038
San Francisco, CA 94143-0203
Fees
registration fee:
$565 Physicians, $425 Allied Health Professionals
Session 1: Diabetes Update only:
$240 Physicians, $210 Allied Health Professionals
Session 2: Advances in Endocrinology and Metabolism:
$510 Physicians, $425 Allied Health Professionals
Fees include course syllabus, continental breakfast and refreshments. Additional meals and accommodations are not included.
NEW - Register by February 17, 2005 and receive the Early Bird Discount:
Course Fee Before February 17, 2005:
Session 1: Diabetes Update only:
$420 Physicians, $425 Allied Health Professionals
Session 2: Advances in Endocrinology and Metabolism:
$410 Physicians, $425 Allied Health Professionals
The majority of our attendees prefer the quickness and ease of on-line registration. The form below is attached for attendees who wish to pay by employer check or do not have internet access. Please allow 14 days for us to receive mailed registrations.
Discounted Rate for Physicians:
March 17-19, 2005
$380 Physicians, $325 Allied Health Professionals
$340 Physicians, $295 Allied Health Professionals
www.medicine.ucsf.edu/medicine
SATURDAY - March 15, 2005

8:00 AM Recent Advances in Sea Determination and Differentiation
Felice Conte, M.D.

8:30 AM Calcium Senser Mutations and Calcinemetic Therapy
Dorothy Shosback, M.D.

9:00 AM Break

10:00 AM The Metabolic Syndrome: Screening and Treatment
Elizabeth J. Murphy, M.D., Ph.D.

11:00 AM An Update on Noninvasive and Continuous Blood Glucose Monitoring
David C. Kiroff, M.D., FACD

12:00 PM Lunch on own

1:15 PM Combining Oral Medications and Insulin Therapy in Type 2 Diabetes
Umesh Mathurani, M.B., B.S., MRCP

2:10 PM Obesity: What Treatments Work?
Robert B. Baron, M.D., M.S.

3:05 PM Break

3:30 PM Clinical Studies on the Prevention of Type 1 and Type 2 Diabetes
Stephen Gillman, M.D.

4:20 PM PPAR Agonist's: Their Place in the Treatment of Diabetes
Martha S. Noise, M.D.

5:10 PM Adjourn
**DIABETES UPDATE and ADVANCES IN ENDOCRINOLOGY AND METABOLISM**

**Moderator:** Umesh Mahathar, M.B., B.S., MRCP

**THURSDAY** — March 17, 2005

8:30 Stem Cell Research: An Update
Michael S. Gorman, M.D.

3:55 Intrinsin Relx in the Pathophysiology and Treatment of Diabetes
Ira D. Goldfine, M.D.

11:05 An Update on Noninvasive and Continuous Blood Glucose Monitoring
David C. Kiroff, M.D., FACP

1:15 p.m. Combining Oral Medications and Insulin Therapy in Type 2 Diabetes
Umesh Mahathar, M.B., B.S., MRCP

2:10 Obesity: What Treatments Work
Robert B. Baron, M.D., M.S.

3:05 Break

3:25 Clinical Studies on the Prevention of Type 1 and Type 2 Diabetes
Stephen Gitlow, M.D.

4:20 PPAR Agonists: Their Place In the Treatment of Diabetes
Matthew S. Novick, M.D.

5:15 Adjourn

**FRIDAY** — March 18, 2005

7:30 a.m. Registration

8:00 Recent Advances in Sex Determination and Differentiation
Feliz Conte, M.D.

8:05 Osteoporosis in Men
Eric Orwoll, M.D.

8:35 Calmodulin-2 Mutations and Calcinemetic Therapy
Dolores Shoback, M.D.

9:30 Break

10:10 Clinical Cases in Osteoporosis
Dolores Shoback, M.D.
Eric Orwoll, M.D.

11:05 MEN Syndromes
David G. Gardner, M.D.

12:00 Adjourn

**SATURDAY** — March 19, 2005

8:00 a.m. Recent Advances in Sex Determination and Differentiation
Feliz Conte, M.D.

8:35 Differential Diagnosis and Treatment of Low PTH Calcium Disorders
John P. Kana, M.D., Ph.D.

9:30 Break

10:10 Combination Therapy for Dyslipidemia
Philip H. Frost, M.D.

11:05 Growth Hormone Therapy: Current Concepts
Mary Lee Vanice, M.D.

12:00 Adjourn

**DISCOUNTED AIR TRANSPORTATION**

Special arrangements have been made with Montgomery Travel. Simply call 800/991-2287 or complete the form on the UCSF web page at www.montgomerytravel.com. In addition to offering lower rates than published airlines, ticketed passengers may take advantage of the 24-hour emergency service. There is a $35 service fee.

**DISCOUNTED RENTAL CARS**

Hertz is offering their services at special rates for participants of this program. For reservations, call Hertz at 800/654-2240 and refer to identification number CV00100310 for rental fees. You may also book through your travel agent, or book online at hertz.com.

**NEW** — Register by February 17, 2005 and receive the Early Bird Discount!

**Course Fee Before February 17, 2005:**

Full Course Fee:
$585 Physicians, $425 Allied Health Professionals

Session 1: Diabetes Update only:
$280 Physicians, $265 Allied Health Professionals

Session 2: Advances in Endocrinology and Metabolism only:
$385 Physicians, $270 Allied Health Professionals

**Course Fee After February 17, 2005:**

Full Course Fee:
$619 Physicians, $475 Allied Health Professionals

Session 1: Diabetes Update only:
$330 Physicians, $335 Allied Health Professionals

Session 2: Advances in Endocrinology and Metabolism only:
$435 Physicians, $330 Allied Health Professionals

*Medical bus staff officers, fellows and interns are eligible for the reduced rate and must submit a letter of status verification with application. Registration fee includes course syllabus, continental breakfast and refreshments. Additional meals and accommodations are not included.*

**FAST, EASY, EFFICIENT: REGISTER ONLINE!**

www.medicine.ucsf.edu/cme

The majority of our attendees prefer the quickness and ease of on-line registration. The form below is attached for attendees who wish to pay by employer check or do not have internet access. Please allow 14-21 days for us to receive mailed registrations.

**DIABETES UPDATE & ADVANCES IN ENDOCRINOLOGY AND METABOLISM**

March 17-19, 2005

Online Registration: www.medicine.ucsf.edu/cme

Mail: UCSF P/D Box 45398 San Francisco CA 94145-3986

Fax: 415/476-1795

Registration Information: 415/476-5598

*Please print last name, first name, address, and phone number clearly.

Street Address

City State Zip Code

Area Code

0

**Please check one number attending:**

Full Course (10 hours)

Early Bird Registration: $585 Physicians, $425 Allied Health Professionals
Registration after February 7, 2005:

$619 Physicians, $475 Allied Health Professionals

Early Bird Registration: $385 Physicians, $270 Allied Health Professionals
Registration after February 7, 2005:

$435 Physicians, $330 Allied Health Professionals

**Session 1 Only: Diabetes Update (4 hours)**

Early Bird Registration: $280 Physicians, $265 Allied Health Professionals
Registration after February 7, 2005:

$330 Physicians, $335 Allied Health Professionals

**Session 2 Only: Advances in Endocrinology and Metabolism (7 hours)**

Early Bird Registration: $385 Physicians, $270 Allied Health Professionals
Registration after February 7, 2005:

$435 Physicians, $330 Allied Health Professionals

*Residents, fellows and interns are eligible for the AP rate with letter of status verification with application.*

Please charge my:

Visa or MasterCard for $______

Check enclosed payable to "UC Regents".

Credit Card No. ____________

Expiration Date: __________

*Please print name on card

Authorizing institution:

Refund Policy: To request a refund, a written request must be received in writing to the UCSF Registration Office, UCSF P/D Box 45398, San Francisco, CA 94145-3986. There will be a $25 cancel charge on all requested refunds. No refunds will be given after the event begins.*
DIABETES UPDATE and ADVANCES IN ENDOCRINOLOGY AND METABOLISM

March 17-19 2005  •  Sir Francis Drake Hotel, San Francisco, California

The Diabetes Update section focuses on new ideas and therapies relevant to patients with Diabetes 1 and Type 2 Diabetes. Discussion will also include aspects of prevention of the disorders. Advances in Endocrinology and Metabolism on Friday and Saturday, will provide the clinician with updated, pragmatic information about the management of common endocrinologic and metabolic problems, as well as insight into important current areas in clinical research. Formal presentations will be accompanied by question and answer periods with general discussion. Clinical cases will focus on common endocrine problems encountered in clinical practice.

This course is intended for general internists, family physicians, general practitioners, surgeons, nurses and other allied health professionals.

The course is presented by the Divisions of Endocrinology and Metabolism, Department of Medicine and is sponsored by the University of California, San Francisco School of Medicine.

EDUCATIONAL OBJECTIVES

At the completion of the Diabetes Update sessions, course participants should be able to discuss:

- The potential for stem cell therapy;
- Approaches to the prevention of type 1 and Type 2 diabetes;
- Inciters - what are they and how can inciters be used in the treatment of type 2 diabetes;
- An update on continuous blood glucose monitoring technology;
- The clinical impact of the metabolic syndrome;
- An update on treatments for obesity;
- How to combine oral agents and insulin in the treatments of patients with type 2 diabetes;
- PPAR agonists – an update on their use in patients with type 2 diabetes.

- The potential for stem cell therapy;
- Approaches to the prevention of type 1 and Type 2 diabetes;
- Inciters - what are they and how can inciters be used in the treatment of type 2 diabetes;
- An update on continuous blood glucose monitoring technology;
- The clinical impact of the metabolic syndrome;
- An update on treatments for obesity;
- How to combine oral agents and insulin in the treatments of patients with type 2 diabetes;
- PPAR agonists – an update on their use in patients with type 2 diabetes.

At the completion of the Advances in Endocrinology and Metabolism sessions, course participants should be able to discuss:

- Clinical studies on osteoporosis in men;
- Evaluating and treating patients with osteoporosis;
- Evaluating patients with calcium sensor mutations and how to use the currently available calcimimetic drug;
- Growth hormone therapy in adults;
- Use of ultrasound in the management of thyroid disorders;
- MEN syndromes;
- Management of commonly seen pituitary and adrenal disorders;
- Evaluating and treating low HDL cholesterol syndromes;
- Combination therapies for dyslipidemia;
- Sex determination and differentiation.

ACCREDITATION

The University of California, San Francisco School of Medicine (UCSF) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Physicians: UCSF designates this educational activity for a maximum of 18.25 hours in category 1 credit toward the American Medical Association (AMA) Physician’s Recognition Award. Each physician should claim only those hours of credit that he/she actually spent in the activity.

AAFP: Application for CME credit has been filed with the American Academy of Family Physicians (AAFP). Determination of credit is pending.

Nurses: For the purpose of recertification, the American Nurses Credentialing Center accepts AMA PRA Category 1 credit issued by organizations accredited by the ACCME education requirements for licensure renewal.

Physician Assistants: The American Academy of Physician Assistants (AAPA) accepts courses approved by the AMA for Category 1 credit as meeting the continuing education requirements for licensure renewal.

REGISTRATION

Please use attached form for advance registration. See course fees on inside.

Online registration:  www.cme.ucsf.edu
Registration Phone:  415/476-5888
Registration Information:  415/476-5288
Date:  Thursday, March 17, 2005
Location:  Sir Francis Drake Hotel
          450 Powell Street
          San Francisco, CA 94102
Phone:  415/392-7755
Reservations:  415/677-9341
Fax:  415/677-9341
www.sirfrancisdrake.com