



Mayo School of Continuing Medical Education

*Genetic Disposition
and Patient -
Reported
Quality of
Life Outcomes*

How's Your

**Quality
of life?**

0 ————— 100



February 26, 2009

Leighton Auditorium

Siebens Building

Mayo Clinic

Rochester, MN

Program Directors

Jeff A. Sloan, Ph.D.

Mirjam Sprangers, Ph.D.



Course Description

Much progress has been made in recent years into the impact of genetics on cancer and its treatment. Advances have also been made in finding ways to incorporate the patients' subjective experience into clinical research. Indeed, validated quality-of-life instruments are now available and empirical evidence about disease and treatment outcomes has been collected for most disease sites and treatment modalities. Perhaps the most provocative finding is that quality of life can be superior to clinical assessments for predicting cancer patients' survival.

Recent data provided preliminary evidence that the genetic disposition of cancer patients may impact their quality of life. This one-day course will explore the genetic disposition of quality of life in cancer patients by reviewing the evidence and setting a research agenda for identifying potential genes and genetic variants for quality of life.

Course Learning Objectives

Upon conclusion of this program, participants should be able to:

- Identify key advances in genetic research in cancer, quality of life research, cell biology, behavioral genetics, genetic epidemiology, genetic biostatistics, genetics and clinical practice, neurogenetics, and genetics of pain.
- Identify biologic pathways, genes, and genetic variants for five quality of life domains (i.e. negative emotional states, positive emotional states, general health, pain, and fatigue)
- Establish research agenda outlining future research strategies to investigate and validate the impact of the identified genes and genetic variants on the five quality of life domains.

Attendance at this Mayo course does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.

Intended Audience

This meeting is designed for quality of life researchers, clinicians, clinical researchers, geneticists, genetic epidemiologists, and genetic biostatisticians.

Credit

College of Medicine, Mayo Clinic is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

College of Medicine, Mayo Clinic designates this educational activity for a maximum of 6 *AMA PRA Category 1 Credits*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Other Health Care Professionals

A certificate of attendance will be provided to other health care professionals for requesting credits in accordance with state nursing boards, specialty societies, or other professional associations.

Educational Grants

This course is supported, in part, by educational grants from industry supporters, in accordance with ACCME Standards.

A complete listing of commercial supporters will be available at the meeting.

Date and Location

The *Genetic Disposition and Patient-Reported Quality of Life Outcomes* course will be held **February 26, 2009**. Course headquarters will be located in Leighton Hall on the second floor of the Siebens Medical Education Building, Mayo Clinic, 100 Second Avenue Southwest, Rochester, Minnesota. Meeting facilities are easily accessible by skyway and pedestrian subway, which connect Mayo Clinic to shops, restaurants, and hotels.

Registration

To register online, visit <http://www.mayo.edu/cmefeb2009.html#2009R541>, or complete the attached registration form and return by mail or fax. The registration fee includes tuition, comprehensive course syllabus, continental breakfast, lunch, and break refreshments. Although it is not Mayo School of CME policy to limit the number of registrants for a course, conference room facilities may necessitate closing of enrollment; therefore, early registration is advised. A letter of confirmation will be sent upon receipt of payment and completed registration form. Please present the confirmation letter when checking in at the meeting registration desk.

Cancellation Policy

If you cancel your participation in this course, your registration fee, less a \$75 administrative fee, will be refunded when written notification is received by Mayo School of CME before February 12, 2009 (fax#: 507-284-0532). No refunds will be made after February 12, 2009.

Mayo School of CME reserves the right to cancel or postpone any course due to unforeseen circumstances. In the unlikely event Mayo School of CME must cancel or postpone this course, Mayo School of CME will refund the registration fee, but is not responsible for any related costs, charges, or expenses to participants, including fees assessed by airline/travel/lodging agencies.

Travel

Rochester, Minnesota, greets thousands of visitors from around the world each year. The city is serviced by an international airport with multiple flights daily from Chicago and Minneapolis via American or Northwest Airlines. Access to and from the airport is provided by taxi, shuttle service, and rental car. The airport is located approximately 10 miles from the Mayo Clinic campus.

Note to Travelers: Several cities in the United States are named Rochester. When you make airline reservations and check your baggage, be sure that your destination is Rochester, Minnesota (RST) and that your baggage has been properly tagged.

Travel arrangements are the sole responsibility of the individual registrant.

Lodging

Guest rooms have been reserved for attendees and their guests with special course rates at each of the following downtown Rochester hotels. In order to receive the special rate, reservations must be made before the room block is filled or before the expiration date of February 4, 2009, whichever comes first. Reservations will be taken following this date based on space and rate availability. Please identify yourself as a participant of the *Genetic Disposition and Patient-Reported Quality of Life Outcomes* when making your reservation.

Kahler Grand Hotel

20 Second Avenue SW
800-533-1655 or 507-282-2581
\$89 single/double

Rochester Marriott Hotel

101 First Avenue SW
877-623-7775 or 507-280-6000
\$129 single/double

The hotels listed above are connected by skyway and pedestrian subway to conference facilities, downtown shops, and restaurants. You may also wish to visit the Rochester Convention and Visitors Bureau website (www.rochestercvb.org) for additional accommodation options.

Lodging arrangements are the sole responsibility of the individual registrant.

Parking

Parking is available in hotel, city, and Mayo patient/visitor ramps. The cost for parking is not included in the registration fee. A map indicating the location of downtown parking facilities will be mailed with the registrant confirmation letter.

Faculty

Course Directors

Jeff A. Sloan, Ph.D.

Mayo Clinic
Rochester, MN

Mirjam Sprangers, Ph.D.

University of Amsterdam
Amsterdam, the Netherlands

Mayo Clinic Faculty

Robert B. Diasio, M.D.

Matthew P. Goetz, M.D.

Ping Yang, M.D., Ph.D.

Guest Faculty

Dorret Boomsma, Ph.D.

VU University
Amsterdam, the Netherlands

Frank Baas, M.D., Ph.D.

University of Amsterdam
Amsterdam, the Netherlands

Charles S. Cleeland, Ph.D.

M.D. Anderson Cancer Center
Houston, TX

Nick Martin, Ph.D.

University of Queensland
Brisbane, Australia

Nancy Pedersen, Ph.D.

Karolinska Institutet
Stockholm, Sweden

Ron Van Noorden, Ph.D.

Academic Medical Center
Amsterdam, the Netherlands

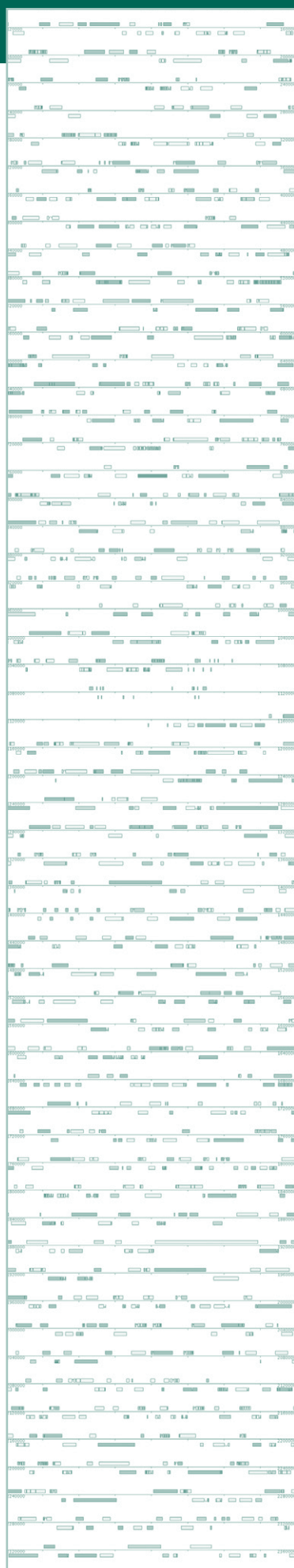
Koos Zwinderman, Ph.D.

University of Amsterdam
Amsterdam, the Netherlands

Program Schedule

Thursday, February 26, 2009

- 7:30 a.m. Registration and
Continental Breakfast
- 8:30 a.m. Welcome
- 9:00 a.m. Advances in Genetics Research
in Cancer
Robert B. Diasio, M.D.
- 9:30 a.m. Advances in Quality of
Life Research
Mirjam Sprangers, Ph.D.
- 10:00 a.m. Advances in Phenotyping
Quality of Life
Jeff A. Sloan, Ph.D.
- 10:30 a.m. Break
- 11:00 a.m. Advances in Cell Biology
Ron Van Noorden, Ph.D.
- 11:30 a.m. Advances in Behavioral Genetics:
Twin Data
Nick Martin, Ph.D.
- 12:00 p.m. Advances in Genetic Epidemiology
Ping Yang, M.D., Ph.D.
- 12:30 p.m. Lunch
- 1:30 p.m. Advances in Genetic Biostatistics
Koos Zwinderman, Ph.D.
- 2:00 p.m. Advances in Behavioral Genetics:
Personality
Dorret Boomsma, Ph.D.
- 2:30 p.m. Advances in Genetics in
Clinical Practice: An Oculogist
from Mayo Clinic
Matthew P. Goetz, M.D.
- 3:00 p.m. Break
- 3:30 p.m. Advances in Behavioral Genetics:
Life Style
Nancy Pedersen, Ph.D.
- 4:00 p.m. Advances in Neurogenetics
Frank Baas, M.D., Ph.D.
- 4:30 p.m. Advances in the Genetics of Pain
Charles S. Cleeland, Ph.D.
- 5:00 p.m. Closing Remarks
- 5:15 p.m. Adjourn
- 6:30 p.m. Dinner with Faculty



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Mail form and payment to:

Mayo School of Continuing Medical Education
Plummer 2-60
200 First Street SW
Rochester, MN 55905

Phone 800-323-2688 or 507-284-2509
FAX 507-284-0532
E-mail cme@mayo.edu
Web site www.mayo.edu/cme

Registration on-line at <http://www.mayo.edu/cme/feb2009.html#2009R541>

Contact Information

Name of Registrant - <i>first name, middle name or initial, and last name</i>		Degree - <i>select all that apply</i> <input type="checkbox"/> MD <input type="checkbox"/> PhD <input type="checkbox"/> DO <input type="checkbox"/> PA <input type="checkbox"/> NP <input type="checkbox"/> Other - <i>specify</i>	
Name of Institution		Medical Specialty	
Preferred Mailing Address - <i>select one</i> <input type="checkbox"/> Work/Business <input type="checkbox"/> Home			
Work/Business Address - <i>street address</i>		Work Phone - <i>include all country and city/area codes as needed along with complete phone number</i>	
City	State or Province	ZIP or Postal Code	Country
Home Address - <i>street address</i>		Home Phone - <i>include all country and city/area codes as needed along with complete phone number</i>	
City	State or Province	ZIP or Postal Code	Country
E-mail Address	FAX - <i>include all country and city/area codes as needed along with complete phone number</i>	FAX Location - <i>select one</i> <input type="checkbox"/> Work/Business <input type="checkbox"/> Home	
<div style="background-color: #333; color: white; padding: 5px; display: inline-block;">SPECIAL NEEDS</div> If you have special assistance needs or dietary restrictions, describe here:			

Registration/Credit

Registration Fee			
Standard -	Before January 15	\$250	\$ _____
	After January 15 and on-site	\$300	\$ _____
Academic and Government -	Before January 15	\$200	\$ _____
	After January 15 and on-site	\$250	\$ _____
Dinner with Faculty -	Before January 15	\$25	\$ _____
	After January 15	\$30	\$ _____

Payment Information

<input type="checkbox"/> Check is enclosed in the amount shown at right - <i>make checks payable to Mayo Clinic</i>			Payment Total
Credit Card - <i>select one</i> <input type="checkbox"/> Discover <input type="checkbox"/> MasterCard <input type="checkbox"/> Visa	Account Number	Exp Date - <i>mm/yy</i>	
Name of Cardholder - <i>as it appears on the card</i>		Signature of Cardholder - <i>required</i> X	



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200 First Street SW
Rochester, Minnesota 55905

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Mayo Clinic, Rochester, MN**



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