



MAYO CLINIC
College of Medicine

**4th MAYO CLINIC
STATE OF THE ART SYMPOSIUM**

HEMATOLOGIC MALIGNANCIES



**Michael Fowler Centre
WELLINGTON, NEW ZEALAND**

January 14-18, 2007

Course Directors

Philip R. Greipp, M.D.

Diane F. Jelinek, Ph.D.

Ruben A. Mesa, M.D.

*Hematologic
Malignancies in 2007 –
Translating Today's Clinical
Excellence into Tomorrow's Cure*



GENERAL INFORMATION



COURSE DESCRIPTION

The *4th Mayo Clinic State of the Art Symposium on Hematologic Malignancies* is designed to fulfill a significant need of multidisciplinary physicians for a comprehensive and practical review of the evolving scientific study and the state of the art care for patients with hematologic malignancies. Course topics will include 2006 American Society of Hematology highlights as well as challenging and interactive sessions on pertinent issues involved with the care of hematology patients including: managing coagulation issues, infectious diseases, supportive and palliative care. Lectures followed by interactive panel case discussions and questions & answer sessions encourage lively exchange among the speakers and the audience.

INTENDED AUDIENCE

This state of the art symposium is specifically designed for the complete multidisciplinary team involved with the care of patients with hematologic malignancies. This includes hematologists, hematopathologists, internists, oncologists, radiation oncologists, palliative care specialists and other physicians; physicians-in-training, healthcare professionals (nurses, pharmacists) and scientists interested or involved in the patient with hematological malignancies.

COURSE LEARNING OBJECTIVES

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

- Diagnose and classify acute and chronic myeloid leukemia, chronic lymphocytic leukemia, low grade and high grade lymphoma, myelodysplastic syndromes, myeloproliferative diseases, and multiple myeloma.
- Identify treatment based on critically evaluated evidence from clinical trials and current practice.
- Describe supportive or preventive therapy for anemia, bone disease, mucositis, and coagulation problems.
- Identify patients who are better candidates for novel therapies based on risk strategies.
- Interpret cytogenetics, molecular genetics and genomics for classification, and target identification.
- Identify and describe the challenges for current state of the art palliative care and assess methods of incorporating these principles into an individuals practice.
- Establish optimal management of infectious disease complications in patients with hematologic malignancies.

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.

CREDIT

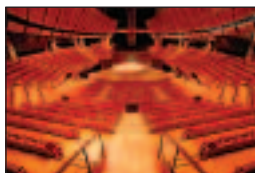
Mayo Clinic College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Mayo Clinic College of Medicine designates this educational activity for a maximum of 32 *AMA PRA Category 1 Credits*[™]. Each physician should only claim credit commensurate with the extent of their participation in the activity.

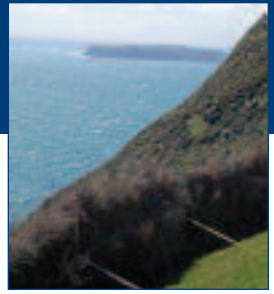
DATE & LOCATION

The *4th Mayo Clinic State of the Art Symposium on Hematologic Malignancies* will be held Sunday – Thursday, January 14-18, 2007. Course Headquarters will be located at The Michael Fowler Centre. Conference check will be available Sunday, January 14, 2007 from 3 – 8 p.m. as well as Monday – Thursday from 6:30 a.m. – 4:30 p.m.

Michael Fowler Centre
111 Wakefield Street Wellington
Wellington, New Zealand
www.wellingtonconventioncentre.com
Telephone: 64 4 801 4231



GENERAL INFORMATION



REGISTRATION

To register online, visit <http://www.mayo.edu/cme/hematologicmalignancies>, or complete the attached registration form and return by mail or fax. The registration fee includes tuition, comprehensive course syllabus, breakfast, refreshment breaks, lunch, Welcome Reception, and the Course Gala. Although it is not Mayo School of Continuing Medical Education policy to limit the number of registrants for a course, conference room facilities may necessitate closing of enrollment; therefore, early registration is strongly 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

Your registration fee, less a \$75 USD administrative fee, will be refunded when written notification is received by the Mayo School of Continuing Medical Education before December 29, 2006 (fax#: 507-284-0532). **No refunds will be made after December 29, 2006.**

WELLINGTON, NEW ZEALAND

Introduction - About New Zealand

New Zealand's awesome landscapes, lush forests, amazing wildlife and pleasant climate make it a haven for many outdoor activities, and a great place to unwind. New Zealand society is diverse, sophisticated, and multicultural, and the honesty, friendliness, and openness of Kiwis will impress you. And the great advantage of New Zealand is that all of its diverse physical, cultural, and artistic landscapes are so close to each other!

New Zealand has a unique and dynamic culture. The culture of its indigenous Maori people affects the language, the arts, and even the accents of all New Zealanders. Their place in the South Pacific, and their love of the outdoors, sport, and the arts make New Zealanders and their culture unique in the world.

With vast open spaces filled with stunning rugged landscapes, gorgeous beaches, often spectacular geothermal and volcanic activity, a temperate climate and fascinating animal and plant life, it is no surprise that New Zealand's pure natural environment is so attractive to visitors from other countries.

The weather in January

New Zealand's summer months are December to February, bringing high temperatures and sunshine. Days are long and sunny, nights are mild. Summer is an excellent time for walking in the bush and participating in a variety of other outdoor activities. New Zealand's many gorgeous beaches are ideal for swimming, sunbathing, surfing, boating, and water sports during summer.

Wellington

Wellington is the political capital of New Zealand. The city is compact, cultured and full of character. Nestled between the harbor and the hills, the downtown area is ideal for explorations on foot - shopping, cafes, transport, accommodation and the city's major attractions are compressed into an area that's conveniently walkable. Wellington's visitors come to browse museums, historic places and galleries, including the highly acclaimed national museum Te Papa. From a food and wine point of view, the city is truly delectable. Night time entertainment includes professional theatre, live concerts, comedy shows and dance performances.



TRAVEL

"Wild at Heart" Wellington Airport is one of New Zealand's three largest airports and is located 15 minutes from the city center. For additional information on travel to New Zealand visit www.newzealand.com and www.wellingtonnz.com



Discounted airfare has been secured with Air New Zealand. For more information contact Lupe Maake, Group Sales, via email lupe.maake@airnz.com or phone 1-800-262-1243 ext. 56794.

ACCOMMODATIONS

Reduced room rates have been secured for symposium participants at the following preferred course hotels. When making reservations please advise the hotel that you are participating in the Mayo Clinic Hematology Symposium. Rates below are exclusive of tax (GST).

DUXTON HOTEL (NZ\$200 – NZ\$275)

170 WAKEFIELD STREET
WELLINGTON, NEW ZEALAND

The Duxton Hotel is situated in the heart of the Harbor Capital of New Zealand, a city famous for its culture, atmosphere, lifestyle and history, opposite Te Papa - the Museum of New Zealand and the Wellington Convention Centre. The central business district, shopping and entertainment areas and The Events Centre Wellington are just a short walk away. The Duxton Hotel Wellington offers a cardio gym on the top floor of the hotel, 24 hour reception and room service. Business Center and Broadband are in all rooms.

- **Hotel Telephone:** 64 4 473 3900 or 0800 655 555
- **Website:** www.duxton.com • **Email:** res@wellington.duxton.co.nz



INTERCONTINENTAL WELLINGTON (NZ\$205 – NZ\$280)

2 GREY STREET
WELLINGTON, 6000
NEW ZEALAND

InterContinental Wellington is situated in the central business district and shopping quarter of this stunning harbour city. Everything else is within walking distance whether it's the waterfront, the government sector, the botanic gardens, walkways, café or the entertainment quarter. This stylish contemporary hotel is perfectly located for business and pleasure.

InterContinental Wellington has 231 air-conditioned guest rooms with the very best amenities, including the exclusive Club InterContinental. Situated on two levels Club InterContinental offers luxurious and spacious rooms and an exclusive lounge for breakfast, afternoon tea and pre dinner drinks. Club InterContinental guests can enjoy express check-in and late check-out services, complimentary refreshments, and full business and concierge services.

The Hotel has restaurants (including "Chameleon" - NZ Restaurant of the Year 2001 2002 and 2003), bars and lounge areas for all occasions. Emerge Health Club includes a gym, plus sauna, spa, indoor heated swimming pool, and massage and spa therapy services are available.

The hotel provides exceptional secretarial and communication services in the Business Center. High speed internet access is available throughout the hotel.

- **Hotel Telephone:** +64 4 472 2722 • **Central Reservations Office:** 0800 44 22 15
- **Website:** www.ichotelsgroup.com (quote the Group code CMC) • **Email:** Lisa_Miller@interconti.com



JAMES COOK HOTEL GRAND CHANCELLOR – WELLINGTON (NZ\$120 – NZ\$205)

147 THE TERRACE
WELLINGTON, NEW ZEALAND

- **Hotel Telephone:** +64 4 499 9500 • **FAX:** +64 4 499 9800
- **Website:** www.ghihotels.com • **Email:** reservations@jamescookhotel.co.nz



MUSEUM HOTEL (NZ\$160- NZ\$232)

The Museum Hotel offers personalized, friendly service with a warm atmosphere that complements our luxurious & sophisticated Boutique Hotel rooms and brand new fully self serviced apartments. Our location opposite the waterfront and Te Papa provides fantastic harbor views, whilst being in the heart of the city, within walking distance of diverse shopping, dining, entertainment and nightlife. The hotel is the perfect location for business or leisure travelers. A unique feature of the hotel is the original New Zealand artwork displayed, as well as the complimentary plunger coffee available for all guests upon check-in.

- Hotel Telephone:** 0800 994 335
- **Website:** www.museumhotel.co.nz • **Email:** info@museumhotel.co.nz

Visit www.mayo.edu/cmel/hematologicmalignancies/ for more information on preferred course hotels, discounted airfares, and pre & post symposium activities.

GENERAL INFORMATION

NURSING & PHARMACY SYMPOSIUM

The Mayo Clinic and Wellington Cancer Centre is pleased to offer a special concurrent breakout session specifically focusing on issues pertinent to our colleagues in Hematology Nursing and Pharmacy. The goals of this symposium are to focus on a series of topics which are meant to be complimentary to the comprehensive disease specific focus present throughout the rest of the conference. Topics slated for discussion include the evolving role of nursing and nursing and pharmacy implications of novel therapies for patients with hematologic malignancies. There will be interactive discussions regarding practice management and computer based monitoring of chemotherapy administration. Lastly, there will be discussion as to the need for cultural awareness and other care specific topics involving team based hematologic patient care.

Date: Monday, January 15, 2007
Location: Michael Fowler Centre

Registration: 12:30 p.m. - 1:30 p.m.
Start Time: 1:30 p.m.

PATIENT AND CAREGIVER SYMPOSIUM

Mayo Clinic and the Wellington Cancer Centre is delighted to offer in parallel with our comprehensive provider focused Hematologic Malignancy Symposium a separate Patient Symposium. This symposium, which can be attended on its own or in combination with registration for the larger symposium, will specifically focus on issues of concern for patients and their families. Issues will focus on complex symptom management, overcoming fatigue, stress management, and caregiver burnout. There will be interactive discussion of navigating the complex waters of the healthcare system and being one's own advocate. Additionally, there will be specific breakout sessions by disease to have a chance to interact informally with faculty. Patients are welcome to register for the more comprehensive conference if that level of information and exposure is desired.

Date: Tuesday, January 16, 2007
Location: T.B.D.

Information: contact Judi McBride-Wilson (Judi.McBride-Wilson@xtra.co.nz)

PRE & POST TOURS & AFTERNOON ACTIVITIES

Mayo Clinic has partnered with a destination management company, Clockwork Group Limited, to help symposium delegates experience New Zealand at its best! Clockwork has planned pre and post symposium tours as well as afternoon activities. Once your course registration has been processed you will be contacted directly by Clockwork via email with a hyperlink to the tour registration website. This is an interactive website which will allow course registrants to learn more information about each tour as well as purchase a package via credit card.

MESSAGE FROM CLOCKWORK

Make the most of your time in New Zealand to discover our unique country!

Clockwork has tailor made amazing tours for you and your family that will take you to the majestic fjords in the South Island to the top of the North Island with its unique landscape and thermal activity.

Take advantage of the many afternoon activity options while in Wellington:

- Experience our Capital city in style on a back of a Harley Davidson,
- Enjoy an exclusive wine, food and music festival prepared just for the Mayo delegates!
- And for any fans of the Lord of the Ring, don't miss out on our Peter Jackson tour showcase!

There are many other tour suggestions that you will be able to purchase online as soon as you register for the conference. Early registration is recommended as tour numbers are limited.

We are excited to be welcoming you to our country and assure you memories that will last for a life time!

Tour questions: Email all tour inquires to projects@clockwork.co.nz.

GENERAL INFORMATION

WELCOME RECEPTION

Attendees and their guest(s) are cordially invited to join course faculty for the Welcome Reception on Sunday, January 14th, 2007. This casual reception welcomes you to Wellington, officially opens the course, and offers you the perfect opportunity to make connections with existing and new colleagues. Pre-registration is requested.

GALA DINNER

A Gala Dinner will be organized for the evening of the Wednesday, January 17th, 2007. The symposium registration fee includes one admission to this event. Additional tickets for conference participant's guests will be available prior to the symposium and, if still available, on-site at the symposium. Further details will be available soon.

EDUCATIONAL GRANTS

This course is supported in part by educational grants from multiple pharmaceutical companies in accordance with ACCME Standards. At the time of this printing, a complete listing of commercial supporters was not available. Appropriate acknowledgment will be given to all supporters at the time of the meeting.

FACULTY

Course Director

Philip R. Greipp, M.D.

Co-Course Directors

Diane F. Jelinek, Ph.D.

Ruben A. Mesa, M.D.

Planning Committee

Michael Berridge, Ph.D.

John M. Carter, M.D.

Philip R. Greipp, M.D.

Diane F. Jelinek, Ph.D.

Ruben A. Mesa, M.D.

Julia Phillips, MB.ChB.

Ken R. Romeril, MB.ChB.

Ian J. McBride-Wilson

Judi McBride-Wilson

Mayo Clinic Faculty

Stephen M. Ansell, M.D., Ph.D.

Timothy A. Call, M.D.

Rafael Fonseca, M.D.

Dennis A. Gastineau, M.D.

Morie A. Gertz, M.D.

Philip R. Greipp, M.D.

Darryl C. Grendahl, R.Ph.

Thomas M. Hagen, R.N.

John A. Heit, M.D.

David J. Inwards, M.D.

Diane F. Jelinek, Ph.D.

Robert A. Kyle, M.D.

Martha Q. Lacy, M.D.

Mark R. Litzow, M.D.

William F. Marshall, M.D.

Kay L. Medina, Ph.D.

Ruben A. Mesa, M.D.

Ivana N. Micallef, M.D.

William G. Morice, II, M.D., Ph.D.

Debabrata Mukhopadhyay, Ph.D.

Scott L. Stafford, M.D.

David P. Steensma, M.D.

A. Keith Stewart, MB.ChB.

Clive S. Zent, M.D.

Australian Stem Cell Center

Susan K. Nilsson, Ph.D.

Christchurch School of Medicine

Christine Morris, Ph.D.

Industrial Research, Ltd.

Richard Furneaux, Ph.D.

Malaghan Institute

Michael Berridge, Ph.D.

Franca Ronchese, Ph.D.

Ian Hermans, Ph.D.

Peter MacCallum Cancer Centre

David Ritchie, MB.ChB. Ph.D.

John F. Seymour, MB.ChB

Royal Melbourne Hospital

Monica Slavin, M.B.B.S.

Wellington Cancer Centre

Wayne Nayler, R.N.

Wellington Public Hospital

Jonathan Adler, M.B.B.S.

University of Auckland

Bruce Baguley, Ph.D.

Hilary Blacklock, MB.ChB

Rod Dunbar, MB.ChB. Ph.D.

Timothy Hughes, M.B.B.S.

Bill Wilson, Ph.D.

University of Sydney

Douglas E. Joshua A.M.

New Zealand Cancer Treatment

Anne MacLennan, MB.ChB.

Orana Harris, RGON, ADoN,

BHSc PG Cert

Leonie Johnson, R.C.N., B.N.

Doris Mayerböck

PROGRAM SCHEDULE

Special Events

Sunday, January 14, 2007 (Pre Registration 2:00-8:00 PM; Welcome Reception 6:00-8:00 PM)
Wednesday, January 17, 2007 (Course Gala 7:00-11:00 PM)

Faculty, presentation titles and times are subject to change.

Visit www.mayo.edu/cme/hematologicmalignancies for the most updated information.

Monday, January 15, 2007

6:30-7:50 AM **Breakfast & Poster Viewing**

7:50-8:00 AM Welcome – *Philip R. Greipp, M.D.*

MYELOMA – Moderator: *Philip R. Greipp, M.D.*

8:00-8:20 AM Diagnosis and Prognosis
Philip R. Greipp, M.D.

8:20-8:40 AM Genetic Classification and Consequences
Rafael Fonseca, M.D.

8:40-9:00 AM Induction Therapy for Transplant and Non-Transplant Patients
Martha Q. Lacy, M.D.

9:00-9:20 AM Transplant Therapy
A. Keith Stewart, MB.ChB

9:20-9:45 AM Myeloma – Case Discussions

9:45-10:15 AM **Morning Tea & Poster Viewing**

MYELOID – Moderator: *Ruben A. Mesa, M.D.*

10:15-10:35 AM Acute Leukemia
Mark R. Litzow, M.D.

10:35-10:55 AM Myeloproliferative Disorders
Ruben A. Mesa, M.D.

10:55-11:15 AM Myelodysplastic Syndromes
David P. Steensma, M.D.

11:15-11:35 AM Chronic Myeloid Leukemia
Timothy Hughes, M.B.B.S.

11:35-12:00 PM Myelodysplastic Syndromes – Case Discussions

MYELOMA & MYELOID BREAKOUT GROUPS

12:00-12:30 PM **Myeloma Breakout**
Moderator: *Philip R. Greipp, M.D.*

Myeloid Breakout
Moderator: *Ruben A. Mesa, M.D.*

12:30-1:30 PM **Lunch & Poster Viewing**

CONCURRENT BREAKOUT SESSION

Tumor/IM
1:30-1:55 PM BAFF and APRIL in B Cell Malignancies
Diane F. Jelinek, Ph.D.

1:55-2:20 PM Biology of Dendritic Cells
Franca Ronchese, Ph.D.

2:20-2:45 PM Regulatory T Cells and B Cell Lymphoma
Stephen M. Ansell, M.D., Ph.D.

2:45-3:00 PM BREAK
3:00-3:25 PM Graft vs Host Disease and Transplantation in Hematologic Malignancies
David Ritchie, MB.ChB, Ph.D.

3:25-3:50 PM Dendritic Cell Immunotherapy
Ian Hermans, Ph.D.

3:50-4:00 PM QUESTIONS & ANSWERS

Nursing & Pharmacy Symposium

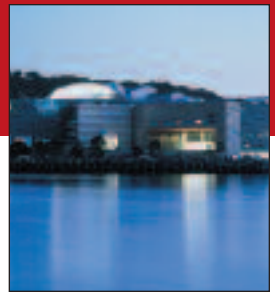
The Evolving Role of the Hematology Nurse
Thomas M. Hagen, R.N.
Cultural Awareness in the Care of Hematology Patients
Orana Harris
New Agents/New Challenges
Darryl Grendahl, Pharm.D.

BREAK
Case Based Nursing Care for Heme Patients
Leonie Johnson

Computer Based Management of Chemotherapy
Darryl Grendahl, Pharm.D.
QUESTIONS & ANSWERS



PROGRAM SCHEDULE



Tuesday, January 16, 2007

6:45-8:00 AM **Breakfast & Poster Viewing**

LOW GRADE LYMPHOMA – Moderator: *Ivana N. M. Micallef, M.D.*

8:00-8:20 AM Chemotherapy and Targeted Radiotherapy
David J. Inwards, M.D.

8:20-8:40 AM Novel Therapy
Stephen M. Ansell, M.D., Ph.D.

8:40-9:00 AM Transplant Therapy
Ivana N. M. Micallef, M.D.

9:00-9:45 AM Low Grade Lymphoma – Case Discussions
Panel Members: *David J. Inwards, M.D., Stephen M. Ansell, M.D., Ph.D. and John F. Seymour, MB.ChB*

9:45-10:15 AM **Morning Tea & Poster Viewing**

HEME ID – Moderator: *T.B.D.*

10:15-10:35AM Fungal Challenges in HEME Patients
Monica Slavin, M.B.B.S.

10:35-10:55 AM ID in the BMT Patients
T.B.D.

10:55-11:15 AM Prophylaxis for HEME Patients: What is the Role
William F. Marshall, M.D.

11:15-12:00 PM HEME ID – Case Discussion
Panel Members: *Monica Slavin, M.B.B.S. and William F. Marshall, M.D.*

LOW GRADE LYMPHOMA & HEME ID BREAKOUT GROUPS

12:00-12:30 PM	Low Grade Lymphoma Breakout	HEME ID Breakout
	Moderator: <i>Ivana N.M. Micallef</i>	Moderator: <i>William F. Marshall, M.D.</i>

LUNCH – KEY NOTE ADDRESS

12:30-1:45 PM Smoldering Myeloma
Robert A. Kyle, M.D.

CONCURRENT BREAKOUT SESSION

	Novel Treatments	Patient and Caregiver Symposium
1:45-2:10 PM	FGFR3 Translocations as a Target of Treatment <i>A. Keith Stewart, MB.ChB.</i>	Overcoming Fatigue with Your Disease <i>Ruben A. Mesa, M.D.</i>
2:10-2:35 PM	Chemoimmunotherapy of B-CLL <i>Timothy Call, M.D.</i>	Complex Symptom Management <i>David P. Steensma, M.D.</i>
2:35-3:00 PM	T Cell Immunotherapy <i>Rod Dunbar, MB.ChB, Ph.D.</i>	Overcoming Stress and Caregiver Burnout <i>Clive Zent, M.D.</i>
3:00-3:15 PM	BREAK	BREAK
3:15-3:40 PM	New Drugs against T-ALL and B-cell Cancers <i>Richard Furneaux, Ph.D.</i>	Being an Advocate: A Caregiver's Perspective <i>Judi McBride Wilson</i>
3:40-4:05 PM	Hypoxia-Activated Prodrugs in Tumour Therapy <i>Bill Wilson, Ph.D.</i>	Panel Discussion
4:05-4:15 PM	QUESTIONS & ANSWERS SESSION	

PROGRAM SCHEDULE



Wednesday, January 17, 2007

6:45-8:00 AM **Breakfast & Poster Viewing**

HIGH GRADE LYMPHOMA – Moderator: *Stephen M. Ansell, M.D., Ph.D.*

8:00-8:20 AM Novel Therapy
David J. Inwards, M.D.

8:20-8:40 AM Standard Therapy
Stephen M. Ansell, M.D., Ph.D.

8:40-9:00 AM Radiation Therapy
Scott L. Stafford, M.D.

9:00-9:45 AM High Grade Lymphoma – Case Discussions
Panel Members: *David J. Inwards, M.D. and Scott L. Stafford, M.D.*

9:45-10:15 AM **Morning Tea & Poster Viewing**

AMYLOID – Moderator: *Morie A. Gertz, M.D.*

10:15-10:35 AM Diagnosis, Classification, and Prognosis
Morie A. Gertz, M.D.

10:35-10:55 AM Transplant Therapy
A. Keith Stewart, MB.ChB.

10:55-11:15 AM Non-Transplant Therapy
Martha Q. Lacy, M.D.

11:15-12:00 PM Amyloid – Case Discussions
Panel Members: *Martha Q. Lacy, M.D. and A. Keith Stewart, MB.ChB.*

HIGH GRADE LYMPHOMA & AMYLOID BREAKOUT GROUPS

12:00-12:30 PM	High Grade Lymphoma Breakout	Amyloid Breakout
	Moderator: <i>Stephen M. Ansell, M.D., Ph.D.</i>	Moderator: <i>Morie A. Gertz, M.D.</i>

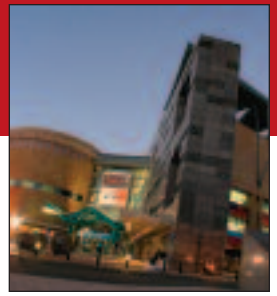
LUNCH PRESENTATION

12:30-1:45 PM An Ancient Therapy for Hematologic Malignancies Today
Debabrata Mukhopadhyay, Ph.D.

CONCURRENT BREAKOUT SESSION

	Cancer Stem Cell/ Tumor Biology	Supportive Care
1:45-2:10 PM	Overview of the Field of Cancer Stem Cells <i>Diane F. Jelinek, Ph.D.</i>	Optimal Transfusion Practices for Supportive Care <i>Dennis A. Gastineau, M.D.</i>
2:10-2:35 PM	Novel Therapeutic Targeting of Cancer Stem Cells <i>Mike Berridge, Ph.D.</i>	Complex Symptoms Management in Advanced Malignancies <i>Charles L. Loprinzi, M.D.</i>
2:35-3:00 PM	Regulation of B Lineage Fate Determination <i>Kay L. Medina, Ph.D.</i>	The Role of Exercise in Patients with Hematologic Malignancies <i>Ruben A. Mesa, M.D.</i>
3:00-3:15 PM	BREAK	
3:15-3:40 PM	The Hemopoietic Stem Cell Niche <i>Susan K. Nilsson, Ph.D.</i>	Patient's Perspective <i>Doris Mayerböck</i>
3:40-4:05 PM	Tumour Biology <i>Bruce Baguley, Ph.D.</i>	Panel Discussion
4:05-4:15 PM	Panel Discussion	

PROGRAM SCHEDULE



Thursday, January 18, 2007

6:45-8:00 AM **Breakfast & Poster Viewing**

CHRONIC LYMPHOCYTIC LEUKEMIA – Moderator: *Clive S. Zent, M.D.*

8:00-8:20 AM Diagnosis and Classification
Timothy A. Call, M.D.

8:20-8:40 AM Developing a New Target
Clive S. Zent, M.D.

8:40-9:00 AM Novel Therapy
Timothy A. Call, M.D.

9:00-9:45 AM Chronic Lymphocytic Leukemia – Case Discussions

9:45-10:15 AM **Morning Tea & Poster Viewing**

COAGULATION – Moderator: *John A. Heit, M.D.*

10:15-10:35 AM Bleeding in Hematologic Malignancies
Dennis A. Gastineau, M.D.

10:35-10:55 AM Thrombosis in Hematologic Malignancies
John A. Heit, M.D.

10:55-11:15 AM New Agents and their role in hemostasis
Darryl C. Grendahl, Pharm.D.

11:15-12:00 PM Coagulation Issues – Case Discussion
Panel Members: *Dennis A. Gastineau, M.D. and Darryl C. Grendahl, Pharm.D.*

CLL & COAGULATION ISSUES BREAKOUT GROUPS

12:00-12:30 PM **CLL Breakout**
Moderator: *T.B.D.*

Coagulation Issues Breakout
Moderator: *John A. Heit, M.D.*

12:30-1:30 PM **Lunch & Poster Viewing**

CONCURRENT BREAKOUT SESSION

1:30-1:55 PM **Mol Diagnostics**
Flow Cytometry
William G. Morice, II, M.D., Ph.D.

Palliative Care
Practical Issues in Palliative Care for the Cancer Patient
Charles L. Loprinzi, M.D.

1:55-2:20 PM Cytogenetic and Molecular Basis of Leukemia
Christine Morris, Ph.D.

Integrating Palliative Medicine into the Treatment Plan
Anne McClellan, M.D.

2:20-2:45 PM Genetics and Cytogenetics of Malignant Plasma Cell Disorders
Rafael Fonseca, M.D.

A Multicultural View of End of Life Care
Orana Harris

2:45-3:00 PM BREAK

3:00-3:25 PM Molecular Cytogenetics in Myeloid Diseases
Mark R. Litzow, M.D.

The Palliative Care Dilemma: Balancing Hope and Reality
Jonathan Adler, MB.ChB.

3:25-3:50 PM Molecular Prognostic Factors in B-CLL
Clive S. Zent, M.D.

Panel Discussion

3:50-4:00 PM QUESTION & ANSWER SESSION

Panel Discussion

4th Mayo Clinic State of the Art Symposium
Hematologic Malignancies

January 14 – 18, 2007 • Wellington Convention Center, Wellington, New Zealand

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

Register on-line at <http://www.mayo.edu/cme/hematologicmalignancies>

Contact Information

Name of Registrant - first name, middle name or initial, and last name		Degree - select all that apply <input type="checkbox"/> MD <input type="checkbox"/> DO <input type="checkbox"/> PhD <input type="checkbox"/> PA <input type="checkbox"/> NP <input type="checkbox"/> Other - specify	
Name of Institution		Medical Specialty	
Preferred Mailing Address - select one <input type="checkbox"/> Work/Business <input type="checkbox"/> Home			
Work/Business Address - street address		Work Phone - include all country and city/area codes as needed along with complete phone number	
City	State or Province	ZIP or Postal Code	Country
Home Address - street address		Home Phone - include all country and city/area codes as needed along with complete phone number	
City	State or Province	ZIP or Postal Code	Country
E-mail Address		FAX - include all country and city/area codes as needed along with complete phone number	FAX Location - select one <input type="checkbox"/> Work/Business <input type="checkbox"/> Home
<div style="background-color: black; color: white; padding: 2px; display: inline-block;">SPECIAL NEEDS</div> If you have special assistance needs or dietary restrictions, describe here:			

Registration Fees

FULL COURSE	
Physician	
Early Bird Fee	\$ 599 USD \$ _____
Full Fee (after November 30, 2006)	\$ 699 USD \$ _____
Non-Physician	
Early Bird Fee	\$ 350 USD \$ _____
Full Fee (after November 30, 2006)	\$ 450 USD \$ _____
I will attend the Welcome Reception (January 14, 2007) <input type="checkbox"/> Yes <input type="checkbox"/> No	
I will attend the Wednesday Gala (January 17, 2007)..... <input type="checkbox"/> Yes <input type="checkbox"/> No	
Guest(s) Fee	
Welcome Reception (January 14, 2007) and Gala Dinner (January 17, 2007) ..	\$ 115 USD x _____ \$ _____
Welcome Reception Only	\$ 35 USD x _____ \$ _____
Gala Dinner Only	\$ 80 USD x _____ \$ _____
SYMPOSIUM ONLY	
Nursing and Pharmacy Symposium (January 15, 2007)	
Early Bird Fee	\$ 75 USD \$ _____
Full Fee (after November 30, 2006)	\$ 110 USD \$ _____
Gala Dinner (January 17, 2007)	\$ 80 USD x _____ \$ _____

Payment Information

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



MAYO CLINIC
College of Medicine

200 First Street SW
Rochester, Minnesota 55905

4th MAYO CLINIC
STATE OF THE ART SYMPOSIUM

HEMATOLOGIC MALIGNANCIES

Wellington, New Zealand
January 14-18, 2007



Photos courtesy of WellingtonNZ.com

Opportunities for in-depth discussion and interaction
with many of the thought leaders in hematologic
malignancies.

For additional information visit www.mayo.edu/cme
or contact the Mayo School of CME via email
cme@mayo.edu or by calling 1-800-323-2688.

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