

**The Case Comprehensive
Cancer Center**

Program in Aging-Cancer Research

presents a symposium on

**CHROMOSOMAL INSTABILITY IN
AGING AND CANCER:
MOLECULAR MECHANISMS AND
MITIGATION STRATEGIES**

November 14, 2006

Iris S. and Bert L. Wolstein
Research Building Auditorium
on the campus of
Case Western Reserve University

Registration required
To register send email to sxw12@case.edu
Lunch will be provided for registrants

CHROMOSOMAL INSTABILITY IN AGING AND CACNER; MOLECULAR
MECHANISMS AND MITIGATION STRATEGIES

AGENDA

- 8:45—9:00 a.m. **Welcome and Introduction**
Nathan A. Berger, M.D.
Case Western Reserve University
- 9:00—10:00 a.m. **“Chromosomal Rearrangements Following Exposure to DNA
Damaging Agents”**
William Morgan, Ph.D.
University of Maryland
- 10:00—10:15 a.m. **BREAK**
- 10:15—11:15 a.m. **“The Fanconi Anemia-BRCA Pathway and Cancer”**
Toshiyaso Taniguchi, Ph.D., M.D.
Fred Hutchinson Cancer Research Center
- 11:15—12:15 p.m. **“Chromosome Stability and BLM Helicase Functions”**
Joanna Groden, Ph.D.
Ohio State University
- 12:15—1:00 p.m. **LUNCH**
- 1:00—2:00 p.m. **“RecQ Helicases Function to Suppress Spontaneous
Chromosome Instability Associated with Replication Demise”**
Guangbin Luo, Ph.D.
Case Western Reserve University
- 2:00—3:00 p.m. **“New Molecular Approaches to Study Bone Marrow Failure
Syndromes”**
Jaroslaw Maciejewski, M.D., Ph.D.
Cleveland Clinic Foundation
- 3:00—3:30 p.m. **Panel Discussion**
Martina L. Veigl, Ph.D.
Case Western Reserve University
- 3:30 p.m. **Closing Remarks**
Nathan A. Berger, M.D.
- 3:45 p.m. **Wine & Cheese Reception**

**CHROMOSOMAL INSTABILITY IN AGING AND CANCER; MOLECULAR MECHANISMS
AND
MITIGATION STRATEGIES**

OBJECTIVES

1. An overview of the role of chromosomal instability in Aging and Cancer
2. New molecular insights into the pathogenesis of Aging Cancer Syndromes
3. Description of chromosomal instabilities and potential therapeutic targets in age associated malignancies.

GUEST FACULTY

Joanna Groden, Ph.D.
Department of Molecular Virology,
Immunology and Medical Genetics
Ohio State University

Toshiyaso Taniguchi, Ph.D., M.D.
Human Biology Division
University of Maryland

Jaroslaw Maciejewski, M.D., Ph.D.
Taussig Cancer Center
Cleveland Clinic Foundation

William Morgan, Ph.D.
Department of Radiation Oncology
University of Maryland

CASE WESTERN RESERVE UNIVERSITY FACULTY

Nathan A. Berger, M.D.
Hanna Payne Professor of Experimental Medicine
School of Medicine
Director, Center for Science, Health and Society

Guangbin Luo, Ph.D.
Assistant Professor
Department of Genetics
School of Medicine

Martina L. Veigl, Ph.D.
Division of General Medical Sciences
School of Medicine
Director, Gene Expression and Genotyping Core Facility
Case Comprehensive Cancer Center

CHROMOSOMAL INSTABILITY IN AGING AND CANCER; MOLECULAR MECHANISMS AND MITIGATION STRATEGIES

LOCATION

The Iris S. and Bert L. Wolstein Building is conveniently located on the campus of Case Western Reserve University at 2103 Cornell Road on the corner of Cornell Road and Circle Drive.

For those who can walk a block, please park in Lot 53. Lot 55 has spaces for visitors who can walk short distances only. The cost is \$10 per day for both lots.

FROM I-90 WESTBOUND: Take exit I77, Martin Luther King Jr. Drive. Turn left and proceed south for two miles to Euclid Avenue. Turn left on Euclid and right on Cornell Road.

FROM I-90 EASTBOUND: Take exit I77, Martin Luther King Jr. Drive. Turn right and proceed south for two miles to Euclid Avenue. Turn left on Euclid and right on Cornell Road.

FROM DOWNTOWN CLEVELAND: Follow Chester Avenue east for four miles. Turn left on Euclid Avenue and right on Cornell Road.

FROM I-77 NORTHBOUND or I-71 NORTHBOUND Take I-90 eastbound to exit I-77, Martin Luther King Jr. Drive. Turn right and proceed south for two miles to Euclid Ave. Turn left on Euclid and right on Cornell Road.

FROM CLEVELAND-HOPKINS AIRPORT: Take I-71 to I-90 eastbound to exit I-77, Martin Luther King Jr. Drive.. Turn right and proceed south for two miles to Euclid Avenue. Turn left on Euclid and right on Cornell Road.

FROM I-271: Take exit 34, US 322/Mayfield Road West. Proceed west for 8.5 miles and turn onto Circle Drive.

