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
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

Toshiyoso 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

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joanna Groden, Ph.D.</td>
<td>Toshiyaso Taniguchi, Ph.D., M.D.</td>
</tr>
<tr>
<td>Department of Molecular Virology, Immunology and Medical Genetics</td>
<td>Human Biology Division University of Maryland</td>
</tr>
<tr>
<td>Ohio State University</td>
<td></td>
</tr>
<tr>
<td>Jaroslaw Maciejewski, M.D., Ph.D.</td>
<td>Taussig Cancer Center Cleveland Clinic Foundation</td>
</tr>
<tr>
<td>William Morgan, Ph.D.</td>
<td></td>
</tr>
<tr>
<td>Department of Radiation Oncology</td>
<td></td>
</tr>
<tr>
<td>University of Maryland</td>
<td></td>
</tr>
</tbody>
</table>

## CASE WESTERN RESERVE UNIVERSITY FACULTY

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nathan A. Berger, M.D.</td>
<td>Hanna Payne Professor of Experimental Medicine</td>
</tr>
<tr>
<td>School of Medicine</td>
<td>Director, Center for Science, Health and Society</td>
</tr>
<tr>
<td>Guangbin Luo, Ph.D.</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Department of Genetics</td>
<td>School of Medicine</td>
</tr>
<tr>
<td>Martina L. Veigl, Ph.D.</td>
<td>Division of General Medical Sciences</td>
</tr>
<tr>
<td>School of Medicine</td>
<td>Director, Gene Expression and Genotyping Core Facility</td>
</tr>
<tr>
<td>Case Comprehensive Cancer Center</td>
<td></td>
</tr>
</tbody>
</table>
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.