

# Seattle Cancer and Aging Program

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## Transplantation and Aging Workshop

November 9, 2005

Location: Pelton Auditorium  
Fred Hutchinson Cancer Research Center  
8:00-5:00

### Schedule:

8:00: Continental Breakfast

8:30: Introduction (Drs. Joachim Deeg, Jerry Radich)

8:45 - 10:15

### **1. Effects of high dose cytotoxic therapy and transplantation**

8:45 Paul Martin, FHCRC, Seattle, Washington

Accelerated aging after hematopoietic cell transplantation?

9:30 Louis Constine, University of Rochester, Rochester, New York

Radiotherapy effects

10:15 *Break*

10:30 - 12:00

### **2. Cellular Senescence**

10:30 Gary van Zant, University of Kentucky, Lexington, Kentucky

Do hematopoietic stem cells age?

11:15 Vilhelm Bohr, Molecular Gerontology, NIH, Bethesda, Maryland

Aging and DNA repair; a role for free radicals

12:00 *Lunch*

1:00 - 3:15

### **3. Irradiation, DNA damage, free radicals**

1:00 Alice Sigurdson, NCI, Bethesda, Maryland

Radiation epidemiology

1:45 Qingyi Wei, MD Anderson, Houston, Texas

DNA repair and cancer

2:30 Irene Jones, Lawrence Livermore Lab, Livermore, California

Pathways of DNA repair and cancer

3:15 *Break*

3:30 - 5:00

### **4. Development of Secondary Malignancies (SMN)**

3:30 Gérard Socié, Hôpital St. Louis, Paris

Multi-etiology and spectrum of SMN

4:15 Debra Friedman, FHCRC, Seattle, Washington

Molecular mechanisms of SMN after high dose therapy

All researchers are welcome to attend. The registration deadline is Nov. 1. To register, contact Debbie Ng at [dmng@fhcrc.org](mailto:dmng@fhcrc.org) and include your name, telephone number and whether or not you plan to attend all of the workshop sessions.