

# BERYLLIUM RESEARCH SYMPOSIUM

## BASIC MECHANISMS AND HUMAN HEALTH

[www.ornl.gov/meetings/beryllium/](http://www.ornl.gov/meetings/beryllium/)



### June 25–26, 2002

National Library of Medicine, Bethesda, Maryland

**OPEN WORKSHOP. NO REGISTRATION FEE.**

**Abstract Deadline:** April 15, 2002

Late-breaking abstracts accepted through May 15, 2002.

We welcome your participation. For more information, call Mya Sadler at (303) 398-1187.

## Workshop Calls for New Approaches

The U.S. Department of Energy invites scientists from all disciplines to an open workshop that will explore Chronic Beryllium Disease (CBD), a very serious occupational lung disease. CBD in current and former beryllium workers is of continuing interest and concern to federal agencies such as the U.S. Department of Energy. It is of potential broader interest as an immunological based disease that may have significant genetic associations and has similarities to other granulomatous diseases such as sarcoidosis and tuberculosis.

The current revolution in molecular biology and genetics offers new tools to reveal CBD's basic biology and genetics, leading to better prevention, diagnosis, and treatment options. The workshop will gather a diverse community from molecular biology, immunology, genetics, analytical science, and ethics to formulate a multifaceted approach.

## Minisymposia Topics

- Physico-chemical properties of beryllium
- Gene-exposure interactions
- Immunopathology of sensitization and disease
- The biology of ultrafine particles
- Development of animal models of granulomatous disease
- Novel therapeutics
- Round Table Discussion: Ethical, legal, and social implications of beryllium research

## Plenary Speakers

Dr. Kay Kreiss, *National Institute for Occupational Safety and Health*

Dr. Gary Hunninghake, *University of Michigan*

Dr. Gunter Oberdorster, *University of Rochester*

Dr. Gregory Finch, *Pfizer Pharmaceuticals*

Dr. Anthony Newman-Taylor, *Imperial College School of Medicine, National Heart and Lung Institute, England*

Dr. Gianpietro Semazato, *Padua University School of Medicine, Italy*



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