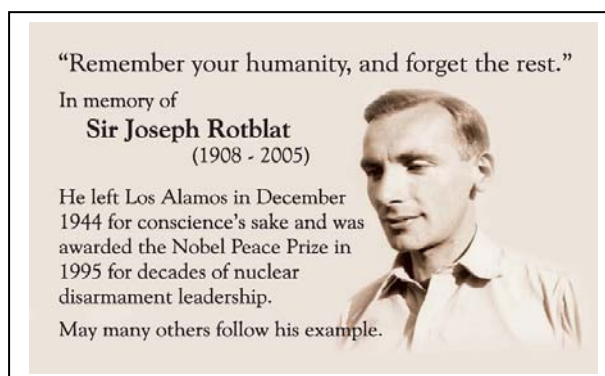


*Pugwash Conferences on Science and World Affairs*  
**British Pugwash Group**

**Special Double-Session Meeting**  
**Launching the Joseph Rotblat Centenary Year**



featuring

**Prof. Sir John Sulston**, Nobel Laureate  
**Prof. Alistair Hay**, Chemical & Biological Weapons Expert  
**John Ainslie**, Nuclear Weapons Expert

**Tuesday 8 April 2008**

University College London, Gower Street, WC1

**Agenda:**

- 12:45 – 13:45 – **Special British Pugwash AGM** (members only), commemorating the centenary of Jo Rotblat's birth (Wilkins Garden Room, UCL)
- 14:00 – 16:30 – **Workshop: 'Trident Replacement: The Practical Implications'**  
**John Ainslie** Chair: Prof. John Finney (Chadwick Lecture Theatre, UCL)
- 16:30 – 17:00 – Tea break
- 17:00 – 19:00 – **'The Responsible Application of Science'** Chair: Prof. Robert Hinde (Chadwick Lecture Theatre, UCL)  
**'Genetic Equity and Global Medicine'** Prof. Sir John Sulston, Welcome Trust Sanger Unit  
**'Multiple Uses of Chemicals, What to Choose?'** Prof. Alistair Hay, OBE, Molecular Epidemiology Unit, Leeds

**ALL ARE WELCOME TO ATTEND**

There is no obligation to attend all sessions. Admission is free. No advance booking is necessary. It would, however, help the organizers if those planning to attend inform the London Pugwash Office. (Members attending the AGM, please contact us by April 4 if you would like a sandwich.)

*British Pugwash Office Tel. 020-7405 6661 Email pugwash@mac.com*

## Objective of the Meeting:

In this centenary year of the birth of British Pugwash founder, Joseph Rotblat, we are holding a special multi-session event exploring the responsible application of science. The themes highlighted address some of the most pressing issues at the juncture of science, technology, & society: nuclear weapons, genetic equity, and the dual uses of chemicals.

## The Speakers:

**John Ainslie**, a leading expert on nuclear weapons issues and author of an in-depth report published by the WMD Awareness Programme on *The Future of the British Bomb*, and coordinator for Scottish CND, will lead a special technically-oriented briefing workshop on **“Trident Replacement - the practical implications.”** Following the decision in March 2007 the MoD are now considering what their new nuclear weapon system will be like. This presentation will explore their options for submarines, missiles and nuclear warheads. It will provide a basis for discussing the most effective way to prevent the development of a new generation of nuclear weapons.

**Professor Sir John Sulston**, Wellcome Trust Sanger Unit, Cambridge and recipient of the Nobel Prize in Physiology or Medicine 2002, will speak about **“Genetic Equity and Global Medicine.”** The growth of biomedical science has brought obvious benefits in terms of investment, but has also brought the need to balance profitability with the demands of social justice. This talk will introduce two examples for discussion. The first is genetic equity - the right to non-discrimination regardless of one's genetic inheritance. In the UK equitable access to healthcare is provided by the National Health Service, but other spheres, particularly employment and insurance, need clearer provision against unfair discrimination. The second is global medicine. At present the development of medicines is largely driven by investment aimed at wealthy markets. New funding mechanisms are needed to spread the benefits more evenly.

**Professor Alastair Hay**, OBE, Molecular Epidemiology Unit, Leeds and leading chemical and biological weapons expert, will speak about **“Multiple uses of chemicals: what to choose?”** Many chemicals can be used for a variety of different purposes and for good or ill. The chemical industry is vital for modern society.

Understanding the changes in our atmosphere caused by global warming, deciding how much the soil can tolerate to improve food production for an increasing global population, producing new medicines, are but a few of the issues where chemists are needed to help find solutions. For most of the time chemists will not be faced with difficult decisions about the particular route they will choose for their work. However, there will be times when choices are harder and ethical dilemmas must be confronted. The issue now is how to prepare chemists to help them make appropriate choices which are both ethical and legal. How do we do this?



The **Wilkins Garden Room** is in the SE corner of the Wilkins Building. Please enter UCL by the Main Gate, Gower St

To reach the **Chadwick Lecture Theatre** you should enter UCL from the main gate in Gower Street, London WC1, (on the left hand side two minutes' walk southbound down Gower Street from Euston Square Metropolitan and Circle Line Underground Station). Then head through the main gate, turn right immediately past the Porters' Lodge and enter the Chadwick Building on your right. Go through the set of doors on your left and take the stairs down to the basement. You should go to your left where you will find the lecture theatre.