

RESS RELEASE
WINNERS ANNOUNCED
1996/1416H KING FAISAL INTERNATIONAL PRIZE
FOR
SCIENCE

Topic: BIOLOGY

The Selection Committee for the Science Prize decided that the Prize should be given this year to three scientists working in the field of protein transport in cells.

Every living cell is like a modern city, with very intense molecular traffic. The cell processes all the components ingredients that it needs for its life and for its communication with other cells or the outside world. How this molecular traffic is regulated was a great mystery that has now been partly resolved through the work of the three eminent scientists who were jointly awarded the 1996 King Faisal International Prize for Science. They are:

Prof. Gunter Blobel, American
Dr. Hugh Reginald Pelham, British
Dr. James Edward Rothman, American

Dr. Gunter Blobel, is Professor at the Rockefeller University. Born in Germany in 1936 he was trained as a scientist and physician in his native country and then hi the United States. Author of more than two hundred original papers, member since 1983 of the National Academy of Sciences of the USA, and winner of the prestigious Albert Lasker Basic Medical Research Award , he is a major pioneer in his field.

Dr. Hugh Pelham, is Head of the Division of Cell Biology at the Laboratory of Molecular Biology of the Medical Research Council of the United Kingdom. Born in 1954, he was trained at the University of Cambridge. Dr. Pelham was elected to the Royal Society of London in 1988, and was awarded the prestigious Louis Jeantet Prize for Medicine in 1991. He is the author of almost hundred original papers which have

established him as one of the leading authorities in the study of protein transport.

Dr. James E. Rothman, is Chairman of the Program in Cellular Biochemistry and Biophysics at the Memorial Sloan-Kettering Cancer Center, and Vice-Chairman of this Institution. Born in 1950, trained in the Universities of Yale and Harvard, and in the Massachusetts Institute of Technology, he is the author of almost one hundred and fifty papers which have given him great scientific prestige. Dr. Rothman was awarded the Elai Lily award for Fundamental Research in Biological Chemistry in 1986, and was elected to the National Academy of Sciences of the USA in 1993.