



DR. AARON CIECHANOVER

NOBEL PRIZE IN CHEMISTRY 2004

Monday, June 3, 2019

10:30–11:00 h. Welcome and visit to IIS La Fe

11:00–12:00 h. Colloquium

12:00 Coffee and group photo

The Health Research Institute Hospital La Fe (IIS La Fe) welcomes on **Monday, June 3**, the visit-colloquium of the Nobel prize **Aaron Ciechanover**. With this meeting, we want to invite you to join a participative talk with the Israeli doctor and biologist who, in 2004, won the **Nobel Prize in Chemistry** with Avram Hershko and Irwin Rose for the discovery of protein degradation mediated by ubiquitin.

The event, organized by the IIS La Fe and the Rei Jaume I Awards Foundation, is addressed to predoctoral and postdoctoral researchers, in order to meet and dialogue with a leading figure of great scientific relevance.

About Aaron Ciechanover

Israeli scientist born in 1947 in Haifa. He studied Medicine at the Hebrew University of Jerusalem, where he graduated in 1974. He subsequently did his PhD in Biology in the Israeli Technological Institute (Technion) in 1982. He is a teacher in the Department of Biochemistry and manages the Rappaport Institute for Research in Medicine at the Technion.

Along with Avram Hershko and Irwin Rose, Ciechanover won the Nobel Prize in Chemistry in 2004. All three were distinguished for their work with proteins, specifically by "the discovery of protein degradation mediated by ubiquitin". They managed to make a leap in the investigation of the regulation of the elimination of the proteins when discovering, in the middle of the 70s, one of the main processes for the detection of proteins that already do not work properly and their elimination by the complex proteins called proteasome, one of the main circuits of protein destruction. This mechanism, spread in all tissues, is involved in a variety of cellular processes, such as cell division, inflammatory response, some viral infections, the mechanism of apoptosis, etc.

The mechanisms of destruction of the proteins described by the three authors are useful to design drugs that allow better treatments for cancer, chronic inflammatory processes and degenerative diseases such as Alzheimer or Huntington diseases.

About the Rei Jaume I Awards

The King Jaume I Awards acknowledge people whose work is highly significant and has been carried out mainly in Spain. The awards are held on yearly basis and each category has a gold medal, a certificate and a monetary prize of 100,000 euros, of which winners are obliged to reinvest part of into research and entrepreneurship in Spain. The Awards are conferred annually in six categories: Basic Research, Economy, Medical Research/Clinical Medicine, Protection of Nature, New Technology, Entrepreneur.

The King Jaume I Awards make every year Valencia a meeting point for Nobel Laureates who are part of the jury of these awards. During the last editions, the King Jaume I Awards Foundation promotes different events that allow the exchange of scientific knowledge and personal experiences among researchers.

PROGRAM

WELCOME AND VISIT

10:30 H

COLLOQUIUM WITH DR. CIECHANOVER

11:00 H

Moderated by:

Dr. Máximo Vento

Scientific Director IIS LA Fe

Pr. Ramiro Jover

IIS La Fe /Universitat de València

COFFEE AND GROUP PHOTO

12:00 H