B·DEBATE International Center for Scientific Debate BARCELONA

CRAG CENTRE DE RECERCA EN AGRIGENÒMICA CSIC IRTA UAB

GUY SALVESEN CV

SPEAKER AT:

THE DEATH OF PLANT CELLS.
FROM PROTEASES TO FIELD APPLICATIONS

October, 2nd and 3rd , 2013, Barcelona

Guy Salvesen, Adjunct Professor of Pathology, UCSD. Program Director and Professor, Sanford Burnham Medical Research Institute, USA

Guy Salvesen earned his Ph.D. in biochemistry from Cambridge University and conducted postdoctoral research at the University of Georgia, USA, Strangeways Laboratory and MRC Laboratory of Molecular Biology in Cambridge. is Director of the Program in Apoptosis and Cell Death Research, Dean of the Graduate Program in Biomedical Sciences of Sanford-Burnham Medical Research Institute, Director of Scientific Training at Sanford-Burnham, and holds an Adjunct Professorship at the University of California, San Diego. He is on the editorial board of several journals, Vice Chair for the Americas and Reviews Editor of the Biochemical Journal, and Co-founder of the International Proteolysis Society.

B·DEBATE IS AN INITIATIVE OF: biocat "la Caixa" Foundation

WITH THE COLLABORATION OF: VIB Agrisera Antibodies for plant sciences

B·DEBATE International Center for Scientific Debate BARCELONA

CRAG CENTRE DE RECERCA EN AGRIGENÒMICA CSIC IRTA UAB

GUY SALVESEN

SPEAKER AT:

THE DEATH OF PLANT CELLS.
FROM PROTEASES TO FIELD APPLICATIONS

October, 2nd and 3rd , 2013, Barcelona

Caspases and Paracaspases in Mammalian Cell Death and Survival Networks

Apoptosis is said to be dependent on caspases. But it has become pretty clear now that supposedly pro-apoptotic caspases can, paradoxically, also trigger non-apoptotic events. Moreover, the universe of caspase homologs includes proteases with distant relationship to caspases, which program entirely different cell signaling pathways. This talk will focus on the biochemical mechanisms that allow caspase-8 and its distant homolog (paracaspase) to program apoptotic cell death versus an opposing pathway to cell survival and clonal expansion in mammals.

B·DEBATE IS AN INITIATIVE OF: biocat "la Caixa" Foundation

WITH THE COLLABORATION OF: VIB Agrisera Antibodies for plant sciences