**A MULTIPLE TECHNICAL APPROACH TO HUMAN ARTICULAR CHONDROCYTE CELL DEATH**

*M. Battistelli1, S. Salucci2, C. Squillace2, E. Olivotto3, S. Pagani3, R. Borzì3, A. Facchini3, E. Falcieri2,4*

*1Lab. of Cell Biology and Electron Microscopy, 2DiSUAN, and 3Lab. of Immunology and Genetics, University of Urbino “Carlo Bo”, Urbino; 4Inst. of Molecular Genetics, CNR and Istituti Ortopedici Rizzoli, Bologna; Italy.*

*E-mail: michela.battistelli@uniurb.it*

Cartilage diseases and, in particular, osteoarthritis (OA) have been widely correlated to apoptosis,1 but recently chondroptosis, a type of death with peculiar features typical of cartilage cells, has been reported.2 Chondrocyte death is here investigate in a human experimental model. Cell death has been induced in chondrocyte micromasses3,4 from 1 to 3 week with hyperthermia for 1 h at 43°C followed by 4 h recovery, UV-B for 30 min followed by 4 h recovery, 500 nM staurosporine for 24 h5 all well known apoptotic triggers. Cartilage diseases and, in particular, osteoarthritis (OA) have been widely correlated to apoptosis,1 but recently chondroptosis, a type of death with peculiar features typical of cartilage cells, has been reported.2 Chondrocyte death is here investigate in a human experimental model. Cell death has been induced in chondrocyte micromasses3,4 from 1 to 3 week with hyperthermia for 1 h at 43°C followed by 4 h recovery, UV-B for 30 min followed by 4 h recovery, 500 nM staurosporine for 24 h5 all well known apoptotic triggers. Cartilage diseases and, in particular, osteoarthritis (OA) have been widely correlated to apoptosis,1 but recently chondroptosis, a type of death with peculiar features typical of cartilage cells, has been reported.2 Chondrocyte death is here investigate in a human experimental model. Cell death has been induced in chondrocyte micromasses3,4 from 1 to 3 week with hyperthermia for 1 h at 43°C followed by 4 h recovery, UV-B for 30 min followed by 4 h recovery, 500 nM staurosporine for 24 h5 all well known apoptotic triggers. Cartilage diseases and, in particular, osteoarthritis (OA) have been widely correlated to apoptosis,1 but recently chondroptosis, a type of death with peculiar features typical of cartilage cells, has been reported.2 Chondrocyte death is here investigate in a human experimental model. Cell death has been induced in chondrocyte micromasses3,4 from 1 to 3 week with hyperthermia for 1 h at 43°C followed by 4.

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