



# Gestión Bibliográfica con *Bibus*

## *Colaboración entre PDI (2)*

\* PDI = Personal Docente e Investigador

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<http://gclUB.ub.es>





# Bibus



Microsoft Word; Citation in Bioinformatics style:

(Scott *et al.*, 2004, Takeuchi *et al.*, 2005, Welch *et al.*, 2005)

**References**

- Scott, R.C., Schuldiner, O. and Neufeld, T.P. (2004) Role of an induced autophagy in the drosophila fat body. *Dev Cell*
- Welch, H.C.E., Coadwell, W.J., Stephens, L.R. and Hawkin, J. (2005) kinase-dependent activation of rac. *FEBS Lett*, **546**, pp 1-6
- Takeuchi, H., Kondo, Y., Fujiwara, K., Kanzawa, T., Aoki, H. and Kondo, S. (2005) Synergistic augmentation of rapamycin-induced malignant glioma cells by phosphatidylinositol 3-kinase.

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Atrial Fib. Apoptosis/Autophagy Vanhaesebroeck2005

Bioinformatics Reviews Vanhaesebroeck1997

Epilepsy Mice Models Tassa2003

PTZ Methodology Takeuchi2005

Patho-Physiology Scott2004

Rusten2004 Peyrolle2000

Oikkenhaug2004 Oikkenhaug2003

Oikkenhaug2003

Y. Author Title

Author: Tassa, Amina;Roux, Marie Paule;Attax, Didier;Bechet, Daniel H  
Title: Class III phosphoinositide 3-kinase-Bed1 complex mediates the amino-acid-dependent regulation of autophagy in myotubes  
Journal: *Bichem J*  
Volume: 376  
Year: 2003  
Pages: 577-86

Abstract: Increased proteolysis contributes to muscle atrophy that prevails in many diseases. Elucidating the signals responsible for this activation is of obvious clinical importance. Autophagy is a ubiquitous degradation process, induced by starvation, that delivers cytosolic components to lysosomes. Starvation markedly stimulates autophagy in the present studies investigate the mechanisms of this regulation. In C2C12 myotubes incubated with serum or amino acid starvation stimulated autophagic proteolysis independently of p38 and p42/44 mitogen-activated protein kinase (phosphoinositide 3-kinase)-dependent manner. Starvation, however, did not alter activities of class I PI3Ks, and was not sufficient to affect major signalling proteins downstream from class I PI3K (glycosyl synthase kinase 3β and protein 56). In contrast, starvation increased class III PI3K activity in whole-myotube extracts. This increase was most pronounced for a population of class III PI3K that communoprecipitated with Bed1/Apg6, a major determinant in the induction of autophagy. Stimulation of proteolysis was reproduced by feeding myotubes a dipalmitoyl-PtdIns(3)P, the class III PI3K product. Conversely, protein transfection of anti-class III PI3K inhibitory antibodies inhibited the induction of proteolysis. Therefore, independently of class I PI3Ks, protein 56 activates protein kinase pathways, amino acid starvation stimulates proteolysis in myotubes by regulating class III PI3K.

OpenOffice Writer, citation in PNAS style(1-3)

**References**

- 1 Welch, H.C.E., Coadwell, W.J., Stephens, L.R. and Hawkin, J. (2005) kinase-dependent activation of rac. *FEBS Lett*, **546**, pp 1-6
- 2 Takeuchi, H., Kondo, Y., Fujiwara, K., Kanzawa, T., Aoki, H. and Kondo, S. (2005) Synergistic augmentation of rapamycin-induced malignant glioma cells by phosphatidylinositol 3-kinase.
- 3 Scott, R.C., Schuldiner, O. & Neufeld, T.P.

Medline Search

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Author [AU]: Smith JR  
AND Publication Date [DP]: 2003  
AND Publication Type [PT]: Article  
AND Journal Title [TA]: Cell

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# Gracias



- Presentación en:  
<http://gclub.ub.es/jornadespl2009>
- Referencia:
  - *Colaboración entre PDI (2): Gestión bibliográfica con Bibus.* 2009. Xavier de Pedro. VIII Jornades de Programari Lliure. 1 - 4 Juliol. Free Software, Open Source i Coneixement Lliure. <http://jornadespl.org>

