

Marchisio-Biffo

Ceci, M., N. Offenhauser, P.C. Marchisio, and S. Biffo.
Formation of nuclear matrix filaments by p27(BBP)/eIF6.
Biochem. Biophys. Res. Commun. 295: 295-299 (2002).

Fortugno, P., N.R. Wall, A. Giodini, D.S. O'Connor, J. Plescia, K.M. Padgett, S. Tognin, P.C. Marchisio, and D.C. Altieri.
Survivin exists in immunochemically distinct subcellular pools and is involved in spindle microtubule function.
J. Cell Sci. 115: 575-585 (2002).

Giodini, A., M.J. Kallio, N.R. Wall, G.J. Gorbsky, S. Tognin, P.C. Marchisio, M. Symons, and D.C. Altieri.
Regulation of microtubule stability and mitotic progression by survivin.
Cancer Res. 62: 2462-2467 (2002).

Ceci, M., C. Gaviraghi, C. Gorrini, L.A. Sala, N. Offenhauser, P.C. Marchisio, and S. Biffo.
Release of eIF6 (p27BBP) from the 60S subunit allows 80S ribosome assembly.
Nature 426: 579-584 (2003),

Fortugno, P., E. Beltrami, J. Plescia, J. Fontana, D. Pradhan, P.C. Marchisio, W.C. Sessa, and D.C. Altieri.
Regulation of survivin function by Hsp90.
Proc. Natl. Acad. Sci. USA 100: 13791-13796 (2003).

*Manes, T., D.Q. Zheng, S. Tognin, A.S. Woodard, P.C. Marchisio, and L.R. Languino. Alpha(v)beta3 integrin expression up-regulates cdc2, which modulates cell migration.
J. Cell Biol. 161: 817-826 (2003).

*Santoro, M.M., G. Gaudino, and P.C. Marchisio.
The MSP receptor regulates alpha6beta4 and alpha3beta1 integrins via 14-3-3 proteins in keratinocyte migration.
Dev. Cell 5: 257-271 (2003).

Iurlaro, M., F. Demontis, M. Corada, L. Zanetta, C. Drake, M. Gariboldi, S. Peiro, A. Cano, P. Navarro, A. Cattelino, S. Tognin, P.C. Marchisio, and E. Dejana.
VE-cadherin expression and clustering maintain low levels of survivin in endothelial cells.
Am. J. Pathol. 165: 181-189 (2004).

*Spinardi, L., J. Rietdorf, L. Nitsch, M. Bono, C. Tacchetti, M. Way, and P.C. Marchisio.
A dynamic podosome-like structure of epithelial cells.
Exp. Cell Res. 295: 360-374 (2004).

*Carotenuto, R., N. De Marco, S. Biffo, M. Wilding, M.C. Vaccaro, P.C. Marchisio, T. Capriglione, G.L. Russo, and C. Campanella.

Phosphorylation of p27(BBP)/eIF6 and its association with the cytoskeleton are developmentally regulated in Xenopus oogenesis.

Cell. Mol. Life Sci. 62:1 641-1652. (2005),

*Gorrini, C., F. Loreni, V. Gandin, L.A. Sala, N. Sonenberg, P.C. Marchisio, and S. Biffo. Fibronectin controls cap-dependent translation through beta1 integrin and eukaryotic initiation factors 4 and 2 coordinated pathways.

Proc. Natl. Acad. Sci. U. S. A. 102: 9200-9205 (2005).

Volta, V., M. Ceci, B. Emery, A. Bachi, E. Petfalski, D. Tollervy, P. Linder, P.C. Marchisio, S. Piatti, and S. Biffo.

Sen34p depletion blocks tRNA splicing in vivo and delays rRNA processing.
Biochem. Biophys. Res. Commun. 337: 89-94 (2005).

Donadini, A., F. Giacopelli, R. Ravazzolo, V. Gandin, P.C. Marchisio, and S. Biffo. GABP complex regulates transcription of eIF6 (p27BBP), an essential trans-acting factor in ribosome biogenesis.

FEBS Lett. 580: 1983-1987 (2006).

Spinardi, L., and P.C. Marchisio.

Podosomes as smart regulators of cellular adhesion.

Eur J Cell Biol. 85:191-194 (2006).

Vreugde, S., C. Ferrai, A. Miluzio, E. Hauben, P.C. Marchisio, M.P. Crippa, M. Bussi, and S. Biffo.

Nuclear myosin VI enhances RNA polymerase II-dependent transcription.
Mol. Cell 23: 749-755 (2006).

Gandin, V., A. Miluzio, A.M. Barbieri, A. Beugnet, H. Kiyokawa, P.C. Marchisio, and S. Biffo.

Eukaryotic initiation factor 6 is rate-limiting in translation, growth and transformation.
Nature 455: 684-698 (2008).

Grosso, S., V. Volta, L.A. Sala, M. Vietri, P.C. Marchisio, D. Ron, and S. Biffo.
PKC β II modulates translation independently from mTOR and through RACK1.
Biochem. J. 415: 77-85 (2008).

Grosso, S., V. Volta, M. Vietri, C. Gorrini, P.C. Marchisio, and S. Biffo.

Eukaryotic ribosomes host PKC activity.

Biochem. Biophys. Res. Commun. 376: 65-69 (2008).

Miluzio A., Beugnet A., Volta V. and Biffo S.

Eukaryotic initiation factor 6 mediates a continuum between 60S ribosome biogenesis and translation.

EMBO Rep. 10: 459-465. (2009).