

Publications – DI FIORE Pier Paolo

1. Scita, G. and P.P. Di Fiore, *The endocytic matrix*. Nature, 2010. **463**(7280): p. 464-73.
2. Sigismund, S., S. Confalonieri, A. Ciliberto, S. Polo, G. Scita, and P.P. Di Fiore, *Endocytosis and signaling: cell logistics shape the eukaryotic cell plan*. Physiological reviews, 2012. **92**(1): p. 273-366.
3. Pece, S., S. Confalonieri, R.R. P, and P.P. Di Fiore, *NUMB-ing down cancer by more than just a NOTCH*. Biochimica et biophysica acta, 2011. **1815**(1): p. 26-43.
4. Pece, S., M. Serresi, E. Santolini, M. Capra, E. Hulleman, V. Galimberti, S. Zurrida, P. Maisonneuve, G. Viale, and P.P. Di Fiore, *Loss of negative regulation by Numb over Notch is relevant to human breast carcinogenesis*. The Journal of cell biology, 2004.**167**(2): p. 215-21.
5. Pece, S., D. Tosoni, S. Confalonieri, G. Mazzarol, M. Vecchi, S. Ronzoni, L. Bernard, G. Viale, P.G. Pelicci, and P.P. Di Fiore, *Biological and molecular heterogeneity of breast cancers correlates with their cancer stem cell content*. Cell, 2010. **140**(1): p. 62-73.
6. Colaluca, I.N., D. Tosoni, P. Nuciforo, F. Senic-Matuglia, V. Galimberti, G. Viale, S. Pece, and P.P. Di Fiore, *NUMB controls p53 tumour suppressor activity*. Nature, 2008. **451**(7174): p. 76-80.
7. Sigismund, S., V. Algisi, G. Nappo, A. Conte, R. Pascolutti, A. Cuomo, T. Bonaldi, E. Argenzio, L.G. Verhoef, E. Maspero, F. Bianchi, F. Capuani, A. Ciliberto, S. Polo, and P.P. Di Fiore, *Threshold-controlled ubiquitination of the EGFR directs receptor fate*. EMBO J, 2013.
8. Sigismund, S., E. Argenzio, D. Tosoni, E. Cavallaro, S. Polo, and P.P. Di Fiore, *Clathrin-mediated internalization is essential for sustained EGFR signaling but dispensable for degradation*. Developmental cell, 2008. **15**(2): p. 209-19.
9. Sigismund, S., T. Woelk, C. Puri, E. Maspero, C. Tacchetti, P. Transidico, P.P. Di Fiore, and S. Polo, *Clathrin-independent endocytosis of ubiquitinated cargos*. Proceedings of the National Academy of Sciences of the United States of America, 2005.**102**(8): p. 2760-5.
10. Bianchi, F., J. Hu, G. Pelosi, R. Cirincione, M. Ferguson, C. Ratcliffe, P.P. Di Fiore, K. Gatter, F. Pezzella, and U. Pastorino, *Lung cancers detected by screening with spiral computed tomography have a malignant phenotype when analyzed by cDNA microarray*. Clinical cancer research : an official journal of the American Association for Cancer Research, 2004. **10**(18 Pt 1): p. 6023-8.

11. Bianchi, F., F. Nicassio, M. Marzi, E. Belloni, V. Dall'olio, L. Bernard, G. Pelosi, P. Maisonneuve, G. Veronesi, and P.P. Di Fiore, *A serum circulating miRNA diagnostic test to identify asymptomatic high-risk individuals with early stage lung cancer*. *EMBO molecular medicine*, 2011. **3**(8): p. 495-503.
12. Bianchi, F., P. Nuciforo, M. Vecchi, L. Bernard, L. Tizzoni, A. Marchetti, F. Buttitta, L. Felicioni, F. Nicassio, and P.P. Di Fiore, *Survival prediction of stage I lung adenocarcinomas by expression of 10 genes*. *The Journal of clinical investigation*, 2007. **117**(11): p. 3436-44.
13. Capra, M., P.G. Nuciforo, S. Confalonieri, M. Quarto, M. Bianchi, M. Nebuloni, R. Boldorini, F. Pallotti, G. Viale, M.L. Gishizky, G.F. Draetta, and P.P. Di Fiore, *Frequent alterations in the expression of serine/threonine kinases in human cancers*. *Cancer research*, 2006. **66**(16): p. 8147-54.
14. Confalonieri, S., M. Quarto, G. Goisis, P. Nuciforo, M. Donzelli, G. Jodice, G. Pelosi, G. Viale, S. Pece, and P.P. Di Fiore, *Alterations of ubiquitin ligases in human cancer and their association with the natural history of the tumor*. *Oncogene*, 2009. **28**(33): p. 2959-68.
15. Luise, C., M. Capra, M. Donzelli, G. Mazzarol, M.G. Jodice, P. Nuciforo, G. Viale, P.P. Di Fiore, and S. Confalonieri, *An atlas of altered expression of deubiquitinating enzymes in human cancer*. *PloS one*, 2011. **6**(1): p. e15891.
16. Nicassio, F., F. Bianchi, M. Capra, M. Vecchi, S. Confalonieri, M. Bianchi, D. Pajalunga, M. Crescenzi, I.M. Bonapace, and P.P. Di Fiore, *A cancer-specific transcriptional signature in human neoplasia*. *The Journal of clinical investigation*, 2005. **115**(11): p. 3015-25.
17. Vecchi, M., S. Confalonieri, P. Nuciforo, M.A. Vigano, M. Capra, M. Bianchi, D. Nicosia, F. Bianchi, V. Galimberti, G. Viale, G. Palermo, A. Riccardi, R. Campanini, M.G. Daidone, M.A. Pierotti, S. Pece, and P.P. Di Fiore, *Breast cancer metastases are molecularly distinct from their primary tumors*. *Oncogene*, 2008. **27**(15): p. 2148-58.
18. Vecchi, M., P. Nuciforo, S. Romagnoli, S. Confalonieri, C. Pellegrini, G. Serio, M. Quarto, M. Capra, G.C. Roviario, E. Contessini Avesani, C. Corsi, G. Coggi, P.P. Di Fiore, and S. Bosari, *Gene expression analysis of early and advanced gastric cancers*. *Oncogene*, 2007. **26**(29): p. 4284-94.