

## LIST OF PUBLICATIONS

---

**Rosa S.**, Gatto F., Angers-Loustau A. Petrillo, M., Querci M., Kreysa J.: Development and Applicability of a Ready-to-Use Multi-Target Analytical System for GMO Screening (2016). Food Chemistry

**DOI: 10.1016/j.foodchem.2016.01.007**

Gatto F., Bassani, N., **Rosa S.**, Lievens A. Brustio R., Kreysa J. & Querci M.: Semi-quantification of GM maize using ready-to-use RTi-PCR plates (2016). Food Analytical Methods.

**DOI:10.1007/s12161-016-0609-0**

Bonfini L., Angers-Loustau A., Petrillo M., Ciabatti I.M., Gatto F., **Rosa S.**, Lievens, A., Kreysa J.: The European Union Reference Methods Database and Decision Supporting Tool for the Analysis of Genetically Modified Organisms: GMOMETHOD and JRC GMO-Matrix (2015). In book: Genetically Modified Organisms in Food, Edition: First Edition, Publisher: Elsevier, Editors: Ronald Ross Watson, Victor R. Preedy, pp.275-295 August 1, 2015

Angers-Loustau A., Petrillo M., Bonfini L., Gatto F., **Rosa S.**, Patak A., Kreysa J.: JRC GMO-Matrix: a web application to support Genetically Modified Organisms detection strategies (2014). BMC Bioinformatics

**DOI: 10.1186/s12859-014-0417-8**

Cline A., Gao N., Flanagan-Steet H., Sharma V., **Rosa S.**, Sonon R., Azadi P., Sadler, K.C., Freeze H.H., Lehrman, M.A., and Steet R.: A zebrafish model of PMM2-CDG reveals altered neurogenesis and a substrate-accumulation mechanism for N-linked glycosylation deficiency (2012). Molecular Biology of the Cell

**DOI:10.1091/mbc.E12-05-0411**

Chu J., Mir A., Gao N., **Rosa S.**, Monson C., Sharma V., Steet R., Freeze H., Lehrman M. and Sadler K.: A zebrafish model of congenital disorders of glycosylation with phosphomannose isomerase deficiency reveals a developmental window for corrective mannose supplementation (2013). Disease Models and Mechanisms

**DOI:10.1242/dmm.010116**

**Rosa S.**: Positional cloning of the allorecognition gene *alr1* in the cnidarian *Hydractinia symbiolongicarpus* (2010). Doctoral thesis. Accessible at:

**<http://difusion.ulb.ac.be/vufind/Record/ULB-DIPOT:oai:dipot.ulb.ac.be:2013/210157/Holdings>**

**Rosa S.**, Powell A.E., Rosengarten R.D., Nicotra, M.L., Moreno M., Grimwood J., Lakkis F.G., Dellaporta S.L., and Buss L.W. (2010): *Hydractinia* allodeterminant *alr1* resides in an immunoglobulin superfamily-like gene complex. Current Biology

**DOI: 10.1016/j.cub.2010.04.050**

Steinfartz S., Glaberman S., Lanterbecq D., Russello M., **Rosa S.**, Hanley T.C., Marquez C., Snell H.L., Snell H.M., Gentile G., dell'Olmo G., Powell A.M., and Caccone A. (2009): Progressive colonization and restricted gene flow shape island-dependent population structure in Galápagos marine iguanas (*Amblyrhynchus cristatus*). BMC Evolutionary Biology

**DOI: 10.1186/1471-2148-9-297**

**Rosa S.**, Monteyne D., and Milinkovitch M.C. (2009): Development of 10 highly polymorphic microsatellite markers in the vulnerable Galápagos land iguanas (genus *Conolophus*). Molecular Ecology Resources

**DOI: 10.1111/j.1755-0998.2008.02457.x**

°Tzika A.C., °**Rosa S.**, Snell H.L., Snell H.M., Marquez C., Tapia W., Rassmann K., Gentile G., and Milinkovich M.C. (2008): Population genetics of Galápagos land iguana (genus *Conolophus*) remnant populations. Molecular Ecology (°co-first authors)

**DOI: 10.1111/j.1365-294X.2008.03967.x**

Poudyal M., **Rosa S.**, Powell A.E., Moreno M., Dellaporta S.L., Buss L.W., and Lakkis F.G. (2007): Embryonic chimerism does not induce tolerance in an invertebrate model organism. PNAS

**DOI: 10.1073/pnas.0608696104**

**Rosa S.**, Milinkovitch M.C., Van Waerebeek K., Berck J., Oporto J., Alfaro-Sigueto J., VanBresseM M.F., Goodall N., and Cassens I. (2005): Population structure of nuclear and mitochondrial DNA variation among South American Burmeister's porpoises (*Phocoena spinipinnis*). *Conservation Genetics*, **6**, 431-443  
**DOI: [10.1111/j.1365-294X.2008.03967.x](https://doi.org/10.1111/j.1365-294X.2008.03967.x)**