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SciProfiles: 1889311

Keywords

glycobiology, inflammatory bowel diseases, colorectal cancer, glycoanalytics

Countries

Argentina

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Name

Karina Valeria Mariño

Activities

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∨ Employment (1)

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Instituto de Biología y Medicina Experimental: Buenos Aires, AR

2012-03-09 to present | PhD in Chemistry (Laboratorio de Glicómica Funcional y Molecular) [Show more detail](#)
Employment

Source: Karina Valeria Mariño

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1 – 50 of 52



Pathogenic mechanisms contributing to thrombocytopenia in patients with systemic lupus erythematosus

Platelets [Show more detail](#)

2022 | Journal article

DOI: [10.1080/09537104.2021.1988547](https://doi.org/10.1080/09537104.2021.1988547)

EID: 2-s2.0-85119594933

Part of ISSN: [13691635.09537104](https://doi.org/10.1369/13691635.09537104)

CONTRIBUTORS: Baroni Pietto, M.C.; Lev, P.R.; Glembotsky, A.C.; Marín Oyarzún, C.P.; Gomez, G.; Collado, V.; Pisoni, C.; Gomez, R.A.; Grodzielski, M.; Gonzalez, J. et al.

Source: Karina Valeria Mariño *via* Scopus - Elsevier

Untangling Galectin-Mediated Circuits that Control Hypoxia-Driven Angiogenesis

Methods in Molecular Biology [Show more detail](#)

2022 | Book chapter

DOI: [10.1007/978-1-0716-2055-7_34](https://doi.org/10.1007/978-1-0716-2055-7_34)

EID: 2-s2.0-85126906138

Part of ISSN: [19406029.10643745](https://doi.org/10.19406029.10643745)

CONTRIBUTORS: Bannoud, N.; García, P.A.; Gambarte-Tudela, J.; Sundblad, V.; Cagnoni, A.J.; Bach, C.A.; Pérez Saez, J.M.; Blidner, A.G.; Maller, S.M.; Mariño, K.V. et al.

Source: Karina Valeria Mariño *via* Scopus - Elsevier

Control of intestinal inflammation by glycosylation-dependent lectin-driven immunoregulatory circuits

Science Advances

2021 | Journal article

DOI: [10.1126/sciadv.abf8630](https://doi.org/10.1126/sciadv.abf8630)

EID: 2-s2.0-85108385308

Part of ISSN: [23752548](https://www.elsevier.com/issn/23752548)

CONTRIBUTORS: Morosi, L.G.; Cutine, A.M.; Cagnoni, A.J.; Manselle-Cocco, M.N.; Croci, D.O.; Merlo, J.P.; Morales, R.M.; May, M.; Pérez-Sáez, J.M.; Girotti, M.R. et al.

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Hypoxia Supports Differentiation of Terminally Exhausted CD8 T Cells

Frontiers in Immunology

2021 | Journal article

DOI: [10.3389/fimmu.2021.660944](https://doi.org/10.3389/fimmu.2021.660944)

EID: 2-s2.0-85106181353

Part of ISSN: [16643224](https://www.elsevier.com/issn/16643224)

CONTRIBUTORS: Bannoud, N.; Dalotto-Moreno, T.; Kindgard, L.; García, P.A.; Blidner, A.G.; Mariño, K.V.; Rabinovich, G.A.; Croci, D.O.

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Spatiotemporal regulation of galectin-1-induced T-cell death in lamina propria from Crohn's disease and ulcerative colitis patients

Apoptosis

2021 | Journal article

DOI: [10.1007/s10495-021-01675-z](https://doi.org/10.1007/s10495-021-01675-z)

EID: 2-s2.0-85105850193

Part of ISSN: [1573675X](https://www.elsevier.com/issn/1573675X) [13608185](https://www.elsevier.com/issn/13608185)

CONTRIBUTORS: Papa-Gobbi, R.; Muglia, C.I.; Rocca, A.; Curciarello, R.; Sambuelli, A.M.; Yantorno, M.; Correa, G.; Morosi, L.G.; Di Sabatino, A.; Biancheri, P. et al.

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Structural insights in galectin-1-glycan recognition: Relevance of the glycosidic linkage and the N-acetylation pattern of sugar moieties

Bioorganic and Medicinal Chemistry

2021 | Journal article

DOI: [10.1016/j.bmc.2021.116309](https://doi.org/10.1016/j.bmc.2021.116309)

EID: 2-s2.0-85110449643

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Part of ISSN: [14643391 09680896](#)

CONTRIBUTORS: Porciúncula-González, C.; Cagnoni, A.J.; Fontana, C.; Mariño, K.V.; Saenz-Méndez, P.; Giacomini, C.; Irazoqui, G.

Source: Karina Valeria Mariño *via* Scopus - Elsevier

The Tn antigen promotes lung tumor growth by fostering immunosuppression and angiogenesis via interaction with Macrophage Galactose-type lectin 2 (MGL2)

Cancer Letters

2021 | Journal article

DOI: [10.1016/j.canlet.2021.06.012](#)

EID: 2-s2.0-85109082462

Part of ISSN: [18727980 03043835](#)

CONTRIBUTORS: da Costa, V.; van Vliet, S.J.; Carasi, P.; Frigerio, S.; García, P.A.; Croci, D.O.; Festari, M.F.; Costa, M.; Landeira, M.; Rodríguez-Zraquia, S.A. et al.

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Galectin-1 Cooperates with Yersinia Outer Protein (Yop) P to Thwart Protective Immunity by Repressing Nitric Oxide Production

Biomolecules

2021-11-04 | Journal article

DOI: [10.3390/biom11111636](#)

CONTRIBUTORS: Brenda Lucila Jofre; Ricardo Javier Eliçabe; Juan Eduardo Silva; Juan Manuel Pérez Sáez; Maria Daniela Paez; Eduardo Callegari; Karina Valeria Mariño; María Silvia Di Genaro; Gabriel Adrián Rabinovich; Roberto Carlos Davicino

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Galectin-1 fosters an immunosuppressive microenvironment in colorectal cancer by reprogramming CD8 + regulatory T cells

Proceedings of the National Academy of Sciences

2021-05-25 | Journal article

DOI: [10.1073/pnas.2102950118](#)

CONTRIBUTORS: Alejandro J. Cagnoni; María Laura Giribaldi; Ada G. Blidner; Anabela M. Cutine; Sabrina G. Gatto; Rosa M. Morales; Mariana Salatino; Martín C. Abba; Diego O. Croci; Karina V. Mariño et al.

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An adipose tissue galectin controls endothelial cell function via preferential recognition of 3-fucosylated glycans

FASEB Journal

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2020 | Journal article

DOI: [10.1096/fj.201901817R](https://doi.org/10.1096/fj.201901817R)

EID: 2-s2.0-85077737453

Part of ISBN: 15306860 08926638

CONTRIBUTORS: Maller, S.M.; Cagnoni, A.J.; Bannoud, N.; Sigaut, L.; Pérez Sáez, J.M.; Pietrasanta, L.I.; Yang, R.-Y.; Liu, F.-T.; Croci, D.O.; Di Lella, S. et al.

Source: Karina Valeria Mariño *via* Scopus - Elsevier

Crystal structures of peanut lectin in the presence of synthetic β -N- And β -S-galactosides disclose evidences for the recognition of different glycomimetic ligands

bioRxiv

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2020 | Other

DOI: [10.1101/2020.06.20.162875](https://doi.org/10.1101/2020.06.20.162875)

EID: 2-s2.0-85102609016

Part of ISSN: [26928205](https://doi.org/10.1016/j.cel.2020.06.001)

CONTRIBUTORS: Cagnoni, A.J.; Primo, E.D.; Klinke, S.; Cano, M.E.; Giordano, W.; Mariño, K.V.; Kovensky, J.; Goldbaum, F.A.; Uhrig, M.L.; Otero, L.H.

Source: Karina Valeria Mariño *via* Scopus - Elsevier

Editorial: Addressing Roles for Glycans in Immunology Using Chemical Biology

Frontiers in Chemistry

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2020 | Journal article

DOI: [10.3389/fchem.2020.00471](https://doi.org/10.3389/fchem.2020.00471)

EID: 2-s2.0-85087005309

Part of ISBN: 22962646

CONTRIBUTORS: Macauley, M.S.; Rademacher, C.; Mariño, K.V.

Source: Karina Valeria Mariño *via* Scopus - Elsevier

Full-length galectin-8 and separate carbohydrate recognition domains: The whole is greater than the sum of its parts?

Biochemical Society Transactions

2020 | Journal article

DOI: [10.1042/BST20200311](https://doi.org/10.1042/BST20200311)

EID: 2-s2.0-85090472097

Part of ISSN: [14708752_03005127](https://doi.org/10.1042/BST20200311)

CONTRIBUTORS: Cagnoni, A.J.; Troncoso, M.F.; Rabinovich, G.A.; Mariño, K.V.; Elola, M.T.

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Source: Karina Valeria Mariño *via* Scopus - Elsevier

Crystal structures of peanut lectin in the presence of synthetic β -N- and β -S-galactosides disclose evidence for the recognition of different glycomimetic ligands

Acta Crystallographica Section D Structural Biology

2020-11-01 | Journal article

DOI: [10.1107/S2059798320012371](https://doi.org/10.1107/S2059798320012371)

CONTRIBUTORS: Alejandro J. Cagnoni; Emiliano D. Primo; Sebastián Klinke; María E. Cano; Walter Giordano; Karina V. Mariño; José Kovensky; Fernando A. Goldbaum; María Laura Uhrig; Lisandro H. Otero

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Dual knockdown of Galectin-8 and its glycosylated ligand, the activated leukocyte cell adhesion molecule (ALCAM/CD166), synergistically delays in vivo breast cancer growth

Biochimica et Biophysica Acta - Molecular Cell Research

2019 | Journal article

DOI: [10.1016/j.bbamcr.2019.03.010](https://doi.org/10.1016/j.bbamcr.2019.03.010)

EID: 2-s2.0-85063580458

Part of ISBN: 18792596_01674889

CONTRIBUTORS: Ferragut, F.; Cagnoni, A.J.; Colombo, L.L.; Sánchez Terrero, C.; Wolfenstein-Todel, C.; Troncoso, M.F.; Vanzulli, S.I.; Rabinovich, G.A.; Mariño, K.V.; Elola, M.T.

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Enzymatic synthesis of non-natural trisaccharides and galactosides; Insights of their interaction with galectins as a function of their structure

Carbohydrate Research
2019 | Journal article
DOI: [10.1016/j.carres.2018.10.011](https://doi.org/10.1016/j.carres.2018.10.011)
EID: 2-s2.0-85056253782

Part of ISBN: 1873426X 00086215

CONTRIBUTORS: Porciúncula González, C.; Cagnoni, A.J.; Mariño, K.V.; Fontana, C.; Saenz-Méndez, P.; Irazoqui, G.; Giacomini, C.

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Exploring lectin-like activity of the S-layer protein of *Lactobacillus acidophilus* ATCC 4356

Applied Microbiology and Biotechnology
2019 | Journal article
DOI: [10.1007/s00253-019-09795-y](https://doi.org/10.1007/s00253-019-09795-y)
EID: 2-s2.0-85065418057

Part of ISBN: 14320614 01757598

CONTRIBUTORS: Fina Martin, J.; Palomino, M.M.; Cutine, A.M.; Modenutti, C.P.; Fernández Do Porto, D.A.; Allievi, M.C.; Zanini, S.H.; Mariño, K.V.; Barquero, A.A.; Ruzal, S.M.

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Immunoglobulin A N-glycosylation presents important body fluid-specific variations in lactating mothers

Molecular and Cellular Proteomics
2019 | Journal article
DOI: [10.1074/mcp.RA119.001648](https://doi.org/10.1074/mcp.RA119.001648)
EID: 2-s2.0-85074445661

Part of ISBN: 15359484 15359476

CONTRIBUTORS: Goonatileke, E.; Smilowitz, J.T.; Mariño, K.V.; German, B.J.; Lebrilla, C.B.; Barboza, M.

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Source: Karina Valeria Mariño *via* Scopus - Elsevier

Galectins in intestinal inflammation: Galectin-1 expression delineates response to treatment in celiac disease patients

Frontiers in Immunology
2018 | Journal article
DOI: [10.3389/fimmu.2018.00379](https://doi.org/10.3389/fimmu.2018.00379)
EID: 2-s2.0-85042728465

Part of ISBN: 16643224

CONTRIBUTORS: Sundblad, V.; Quintar, A.A.; Morosi, L.G.; Niveloni, S.I.; Cabanne, A.; Smecuol, E.; Mauriño, E.; Mariño, K.V.; Bai, J.C.; Maldonado, C.A. et

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Glycosylation-dependent galectin–receptor interactions promote Chlamydia trachomatis infection

Proceedings of the National Academy of Sciences of the United States of America

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2018 | Journal article

DOI: [10.1073/pnas.1802188115](https://doi.org/10.1073/pnas.1802188115)

EID: 2-s2.0-85049011921

Part of ISBN: 10916490 00278424

CONTRIBUTORS: Lujan, A.L.; Croci, D.O.; Gambarte Tudela, J.A.; Losinno, A.D.; Cagnoni, A.J.; Mariño, K.V.; Damiani, M.T.; Rabinovich, G.A.

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Untangling Galectin-Driven Regulatory Circuits in Autoimmune Inflammation

Trends in Molecular Medicine

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2018 | Journal article

DOI: [10.1016/j.molmed.2018.02.008](https://doi.org/10.1016/j.molmed.2018.02.008)

EID: 2-s2.0-85044070840

Part of ISBN: 1471499X 14714914

CONTRIBUTORS: Toscano, M.A.; Martínez Allo, V.C.; Cutine, A.M.; Rabinovich, G.A.; Mariño, K.V.

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GFAT1 phosphorylation by AMPK promotes VEGF-induced angiogenesis

Biochemical Journal

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2017 | Journal article

DOI: [10.1042/BCJ20160980](https://doi.org/10.1042/BCJ20160980)

EID: 2-s2.0-85016157569

Part of ISBN: 14708728 02646021

CONTRIBUTORS: Zibrova, D.; Vandermoere, F.; Göransson, O.; Peggie, M.; Mariño, K.V.; Knierim, A.; Spengler, K.; Weigert, C.; Viollet, B.; Morrice, N.A. et al.

Source: Karina Valeria Mariño *via* Scopus - Elsevier

Driving CARs into Sweet Roads: Targeting Glycosylated Antigens in Cancer

Immunity

2016 | Journal article

DOI: [10.1016/j.immuni.2016.06.010](https://doi.org/10.1016/j.immuni.2016.06.010)

EID: 2-s2.0-84975092132

Part of ISBN: 10974180 10747613

CONTRIBUTORS: Blidner, A.G.; Mariño, K.V.; Rabinovich, G.A.

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Glycosylation-dependent binding of galectin-8 to activated leukocyte cell adhesion molecule (ALCAM/CD166) promotes its surface segregation on breast cancer cells

Biochimica et Biophysica Acta - General Subjects

2016 | Journal article

DOI: [10.1016/j.bbagen.2016.04.019](https://doi.org/10.1016/j.bbagen.2016.04.019)

EID: 2-s2.0-84971238725

Part of ISBN: 18728006 03044165

CONTRIBUTORS: Fernández, M.M.; Ferragut, F.; Cárdenas Delgado, V.M.; Bracalente, C.; Bravo, A.I.; Cagnoni, A.J.; Nuñez, M.; Morosi, L.G.; Quinta, H.R.; Espelt, M.V. et al.

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Turning-off signaling by siglecs, selectins, and galectins: Chemical inhibition of glycan-dependent interactions in cancer

Frontiers in Oncology

2016 | Journal article

DOI: [10.3389/fonc.2016.00109](https://doi.org/10.3389/fonc.2016.00109)

EID: 2-s2.0-84973573760

Part of ISBN: 2234943X

CONTRIBUTORS: Cagnoni, A.J.; Pérez Sáez, J.M.; Rabinovich, G.A.; Mariño, K.V.

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A comparative study of free oligosaccharides in the milk of domestic animals

British Journal of Nutrition

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2014 | Journal article

DOI: [10.1017/S0007114513003772](https://doi.org/10.1017/S0007114513003772)

EID: 2-s2.0-84900484349

Part of ISBN: 14752662 00071145

CONTRIBUTORS: Albrecht, S.; Lane, J.A.; Mariño, K.; Al Busadah, K.A.;
Carrington, S.D.; Hickey, R.M.; Rudd, P.M.

Source: Karina Valeria Mariño *via* Scopus - Elsevier

Integration of lectin-glycan recognition systems and immune cell networks in CNS inflammation

Cytokine and Growth Factor Reviews

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2014 | Journal article

DOI: [10.1016/j.cytogfr.2014.02.003](https://doi.org/10.1016/j.cytogfr.2014.02.003)

EID: 2-s2.0-84902076873

Part of ISBN: 18790305 13596101

CONTRIBUTORS: Mendez-Huergo, S.P.; Maller, S.M.; Farez, M.F.; Mariño, K.;
Correale, J.; Rabinovich, G.A.

Source: Karina Valeria Mariño *via* Scopus - Elsevier

Biosynthesis of GDP-fucose and other sugar nucleotides in the blood stages of Plasmodium falciparum

Journal of Biological Chemistry

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2013 | Journal article

DOI: [10.1074/jbc.M112.439828](https://doi.org/10.1074/jbc.M112.439828)

EID: 2-s2.0-84878756666

Part of ISBN: 00219258 1083351X

CONTRIBUTORS: Sanz, S.; Bandini, G.; Ospina, D.; Bernabeu, M.; Mariño, K.;
Fernández-Becerra, C.; Izquierdo, L.

Source: Karina Valeria Mariño *via* Scopus - Elsevier

Divergent mechanisms of interaction of helicobacter pylori and campylobacter jejuni with mucus and mucins

Infection and Immunity
2013 | Journal article
DOI: [10.1128/IAI.00415-13](https://doi.org/10.1128/IAI.00415-13)

EID: 2-s2.0-84880696355

Part of ISBN: 00199567 10985522

CONTRIBUTORS: Ann Naughton, J.; Mariño, K.; Dolan, B.; Reid, C.; Gough, R.;
Gallagher, M.E.; Kilcoyne, M.; Gerlach, J.Q.; Joshi, L.; Rudd, P. et al.

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Genetic and structural validation of *Aspergillus fumigatus* N-acetylphosphoglucosamine mutase as an antifungal target

Bioscience Reports
2013 | Journal article

DOI: [10.1042/BSR20130053](https://doi.org/10.1042/BSR20130053)

EID: 2-s2.0-84884846272

Part of ISBN: 01448463 15734935

CONTRIBUTORS: Fang, W.; Du, T.; Raimi, O.G.; Hurtado-Guerrero, R.; Mariño, K.;
Ibrahim, A.F.M.; Albarbarawi, O.; Ferguson, M.A.J.; Jin, C.; Van Aalten, D.M.F.

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Anti-infective bovine colostrum oligosaccharides: *Campylobacter jejuni* as a case study

International Journal of Food Microbiology
2012 | Journal article

DOI: [10.1016/j.ijfoodmicro.2012.04.027](https://doi.org/10.1016/j.ijfoodmicro.2012.04.027)

EID: 2-s2.0-84862853291

Part of ISBN: 01681605 18793460

CONTRIBUTORS: Lane, J.A.; Mariño, K.; Naughton, J.; Kavanaugh, D.; Clyne, M.;
Carrington, S.D.; Hickey, R.M.

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Methodologies for screening of bacteria-carbohydrate interactions: Anti-adhesive milk oligosaccharides as a case study

Journal of Microbiological Methods

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2012 | Journal article

DOI: [10.1016/j.mimet.2012.03.017](https://doi.org/10.1016/j.mimet.2012.03.017)

EID: 2-s2.0-84861198099

Part of ISBN: 01677012 18728359

CONTRIBUTORS: Lane, J.A.; Mariño, K.; Rudd, P.M.; Carrington, S.D.; Slattery, H.; Hickey, R.M.

Source: Karina Valeria Mariño *via* Scopus - Elsevier

Phosphoglucomutase is absent in *Trypanosoma brucei* and redundantly substituted by phosphomannomutase and phospho-N-acetylglucosamine mutase

Molecular Microbiology

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2012 | Journal article

DOI: [10.1111/j.1365-2958.2012.08124.x](https://doi.org/10.1111/j.1365-2958.2012.08124.x)

EID: 2-s2.0-84864109063

Part of ISBN: 0950382X 13652958

CONTRIBUTORS: Bandini, G.; Mariño, K.; Güther, M.L.S.; Wernimont, A.K.; Kuettel, S.; Qiu, W.; Afzal, S.; Kelner, A.; Hui, R.; Ferguson, M.A.J.

Source: Karina Valeria Mariño *via* Scopus - Elsevier

Synthesis of a derivative of a-D-Glcp(1→2)-D-Galf suitable for further glycosylation and of a-D-Glcp(1→2)-D-Gal, a disaccharide fragment obtained from varianose

Beilstein Journal of Organic Chemistry

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2012 | Journal article

DOI: [10.3762/bjoc.8.241](https://doi.org/10.3762/bjoc.8.241)

EID: 2-s2.0-84871097963

Part of ISBN: 18605397

CONTRIBUTORS: Marino, C.; Lima, C.; Mariño, K.; De Lederkremer, R.M.

Source: Karina Valeria Mariño *via* Scopus - Elsevier

The de novo and salvage pathways of GDP-mannose biosynthesis are both sufficient for the growth of bloodstream-form *Trypanosoma brucei*

Molecular Microbiology

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2012 | Journal article

DOI: [10.1111/j.1365-2958.2012.08026.x](https://doi.org/10.1111/j.1365-2958.2012.08026.x)

EID: 2-s2.0-84859440745

Part of ISBN: 0950382X 13652958

CONTRIBUTORS: Kuettel, S.; Wadum, M.C.T.; Güther, M.L.S.; Mariño, K.; Riemer, C.; Ferguson, M.A.J.

Source: Karina Valeria Mariño *via* Scopus - Elsevier

5-AZA-2'-deoxycytidine induced demethylation influences N-glycosylation of secreted glycoproteins in ovarian cancer

Epigenetics

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2011 | Journal article

DOI: [10.4161/epi.6.11.17977](https://doi.org/10.4161/epi.6.11.17977)

EID: 2-s2.0-81055154923

Part of ISBN: 15592308 15592294

CONTRIBUTORS: Saldova, R.; Dempsey, E.; Pérez-Garay, M.; Mariño, K.; Watson, J.A.; Blanco-Fernández, A.; Struwe, W.B.; Harvey, D.J.; Madden, S.F.; Peracaula, R. et al.

Source: Karina Valeria Mariño *via* Scopus - Elsevier

Changes in serum N-glycosylation profiles: Functional significance and potential for diagnostics

Carbohydrate Chemistry

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2011 | Book

DOI: [10.1039/9781849732765-00057](https://doi.org/10.1039/9781849732765-00057)

EID: 2-s2.0-84887610544

Part of ISBN: 14651963 2041353X

CONTRIBUTORS: Mariño, K.; Saldova, R.; Adamczyk, B.; Rudd, P.M.

Source: Karina Valeria Mariño *via* Scopus - Elsevier

Characterization, localization, essentiality, and high-resolution crystal structure of glucosamine 6-phosphate N-acetyltransferase from Trypanosoma brucei

Eukaryotic Cell

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2011 | Journal article

DOI: [10.1128/EC.05025-11](https://doi.org/10.1128/EC.05025-11)

EID: 2-s2.0-79960126726

Part of ISBN: 15359778

CONTRIBUTORS: Mariño, K.; Güther, M.L.S.; Wernimont, A.K.; Qiu, W.; Hui, R.; Ferguson, M.A.J.

Source: Karina Valeria Mariño *via* Scopus - Elsevier

Method for milk oligosaccharide profiling by 2-aminobenzamide labeling and hydrophilic interaction chromatography

Glycobiology

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2011 | Journal article

DOI: [10.1093/glycob/cwr067](https://doi.org/10.1093/glycob/cwr067)

EID: 2-s2.0-80052661466

Part of ISBN: 09596658 14602423

CONTRIBUTORS: Mariño, K.; Lane, J.A.; Abrahams, J.L.; Struwe, W.B.; Harvey, D.J.; Marotta, M.; Hickey, R.M.; Rudd, P.M.

Source: Karina Valeria Mariño *via* Scopus - Elsevier

Protein O-GlcNAcylation is required for fibroblast growth factor signaling in *Drosophila*

Science Signaling

2011 | Journal article

DOI: [10.1126/scisignal.2002335](https://doi.org/10.1126/scisignal.2002335)

EID: 2-s2.0-84255190077

Part of ISBN: 19450877 19379145

CONTRIBUTORS: Mariappa, D.; Sauert, K.; Mariño, K.; Turnock, D.; Webster, R.; Van Aalten, D.M.F.; Ferguson, M.A.J.; Müller, H.-A.J.

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A systematic approach to protein glycosylation analysis: A path through the maze

Nature Chemical Biology

2010 | Journal article

DOI: [10.1038/nchembio.437](https://doi.org/10.1038/nchembio.437)

EID: 2-s2.0-77956931053

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CONTRIBUTORS: Mariño, K.; Bones, J.; Kattla, J.J.; Rudd, P.M.

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Identification, subcellular localization, biochemical properties, and high-resolution crystal structure of *Trypanosoma brucei* UDP-glucose pyrophosphorylase

Glycobiology

2010 | Journal article

DOI: [10.1093/glycob/cwq115](https://doi.org/10.1093/glycob/cwq115)

EID: 2-s2.0-78149321649

Part of ISBN: 09596658 14602423

CONTRIBUTORS: Mariño, K.; Güther, M.L.S.; Wernimont, A.K.; Amani, M.; Hui, R.; Ferguson, M.A.J.

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Platform technology to identify potential disease markers and establish heritability and environmental determinants of the human serum N-glycome

Carbohydrate Research
2010 | Journal article
DOI: [10.1016/j.carres.2010.04.012](https://doi.org/10.1016/j.carres.2010.04.012)
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CONTRIBUTORS: Tharmalingam, T.; Mariño, K.; Rudd, P.M.

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Facile synthesis of methyl α - and β -d-[6-³H]galactofuranosides from d-galacturonic acid. Substrates for the detection of galactofuranosidases

Carbohydrate Research
2008 | Journal article
DOI: [10.1016/j.carres.2008.02.019](https://doi.org/10.1016/j.carres.2008.02.019)
EID: 2-s2.0-46549088756
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CONTRIBUTORS: Bordoni, A.; Lima, C.; Mariño, K.; de Lederkremer, R.M.; Marino, C.

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Facile synthesis of benzyl β -d-galactofuranoside. A convenient intermediate for the synthesis of d-galactofuranose-containing molecules

Carbohydrate Research
2006 | Journal article
DOI: [10.1016/j.carres.2006.06.004](https://doi.org/10.1016/j.carres.2006.06.004)
EID: 2-s2.0-33746210062
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CONTRIBUTORS: Mariño, K.; Baldoni, L.; Marino, C.

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Synthesis of heteroaryl 1-thio- β -D-galactofuranosides and evaluation of their inhibitory activity towards a β -D-galactofuranosidase

Arkivoc
2005 | Journal article
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CONTRIBUTORS: Mariño, K.; Marino, C.

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The first chemical synthesis of UDP[6-³H]- α -D- galactofuranose

European Journal of Organic Chemistry

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2005 | Journal article

DOI: [10.1002/ejoc.200500056](https://doi.org/10.1002/ejoc.200500056)

EID: 2-s2.0-22544441642

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CONTRIBUTORS: Mariño, K.; Marino, C.; Lima, C.; Baldoni, L.; De Lederkremer, R.M.

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Evidence for exo β -D-galactofuranosidase in Trypanosoma cruzi

Molecular and Biochemical Parasitology

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2003 | Journal article

DOI: [10.1016/S0166-6851\(02\)00307-9](https://doi.org/10.1016/S0166-6851(02)00307-9)

EID: 2-s2.0-12244286091

Part of ISBN: 01666851

CONTRIBUTORS: Miletti, L.C.; Mariño, K.; Marino, C.; Colli, W.; Manso Alves, M.J.; De Lederkremer, R.M.

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Influence of exo β -D-galactofuranosidase inhibitors in cultures of Penicillium fellutanum and modifications in hyphal cell structure

Carbohydrate Research

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2002 | Journal article

DOI: [10.1016/S0008-6215\(02\)00073-3](https://doi.org/10.1016/S0008-6215(02)00073-3)

EID: 2-s2.0-0037071147

Part of ISBN: 00086215

CONTRIBUTORS: Mariño, K.; Lima, C.; Maldonado, S.; Marino, C.; De Lederkremer, R.M.

Source: Karina Valeria Mariño *via* Scopus - Elsevier

Specific tritium labeling of β -D-galactofuranosides at the 6-position: A tool for β -D-galactofuranosidase detection

Analytical Biochemistry
2002 | Journal article
DOI: [10.1006/abio.2001.5508](https://doi.org/10.1006/abio.2001.5508)

EID: 2-s2.0-0037083344

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CONTRIBUTORS: Mariño, K.; Marino, C.; De Lederkremer, R.M.

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