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Laura Nicolas Gomariz, PhD

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Start Year

2024

Education

PhD, University of Murcia

Publications

First Author Publications

Nicolas, L., Cols, M., Smolkin, R., Fernandez, K. C., Yewdell, W. T., Yen, W.-F., Zha, S., Vuong, B. Q., & Chaudhuri, J. (2019). Cutting Edge: ATM Influences Germinal Center Integrity. *Journal of Immunology (Baltimore, Md.: 1950)*, *202*(11), 3137–3142. <https://doi.org/10.4049/jimmunol.1801033>

Nicolas, L., Cols, M., Choi, J. E., Chaudhuri, J., & Vuong, B. (2018). Generating and repairing genetically programmed DNA breaks during immunoglobulin class switch recombination. *F1000Research*, *7*, 458. <https://doi.org/10.12688/f1000research.13247.1>

Nicolás, L., & Chaudhuri, J. (2013). 4C-ing the Igh Landscape. *Immunity*, *39*(2), 199–201. <https://doi.org/10.1016/j.immuni.2013.08.014>

Contributing Author Publications

DiMenna, L. J., Yen, W.-F., Nicolas, L., Sharma, R., Saldanha, Z. N., & Chaudhuri, J. (2017). Cutting Edge: The Transcription Factor Sox2 Regulates AID Expression in Class-Switched B Cells. *Journal of Immunology (Baltimore, Md.: 1950)*, *198*(6), 2244–2248. <https://doi.org/10.4049/jimmunol.1502266>

Balestrini, A., Nicolas, L., Yang-Lott, K., Guryanova, O. A., Levine, R. L., Bassing, C. H., Chaudhuri, J., & Petrini, J. H. J. (2016). Defining ATM-Independent Functions of the Mre11 Complex with a Novel Mouse Model. *Molecular Cancer Research: MCR*, *14*(2), 185–195. <https://doi.org/10.1158/1541-7786.MCR-15-0281>

Vuong, B. Q., Herrick-Reynolds, K., Vaidyanathan, B., Pucella, J. N., Ucher, A. J., Donghia, N. M., Gu, X., Nicolas, L., Nowak, U., Rahman, N., Strout, M. P., Mills, K. D., Stavnezer, J., & Chaudhuri, J. (2013). A DNA break- and phosphorylation-dependent positive feedback loop promotes immunoglobulin class-switch recombination. *Nature Immunology*, *14*(11), 1183–1189. <https://doi.org/10.1038/ni.2732>

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