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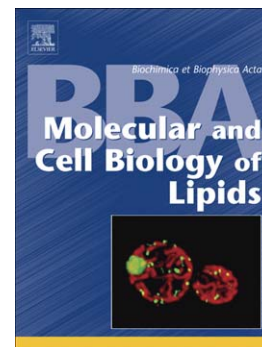
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PII: S1388-1981(16)30303-1
DOI: doi:[10.1016/j.bbaliip.2016.11.002](https://doi.org/10.1016/j.bbaliip.2016.11.002)
Reference: BBAMCB 58076

To appear in: *BBA - Molecular and Cell Biology of Lipids*

Received date: 10 August 2016
Revised date: 29 October 2016
Accepted date: 2 November 2016



Please cite this article as: Enea Sancho-Vaello, David Albesa-Jové, Ane Rodrigo-Unzueta, Marcelo E. Guerin, Structural basis of phosphatidylinositol mannosides biosynthesis in mycobacteria, *BBA - Molecular and Cell Biology of Lipids* (2016), doi:[10.1016/j.bbaliip.2016.11.002](https://doi.org/10.1016/j.bbaliip.2016.11.002)

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STRUCTURAL BASIS OF PHOSPHATIDYLINOSITOL MANNOSIDES BIOSYNTHESIS IN MYCOBACTERIA***Enea Sancho-Vaello^{1,2}, David Albesa-Jové^{1,2,3,4}, Ane Rodrigo-Unzueta^{1,2}, and Marcelo E. Guerin^{1,2,3,4,5}**From the ¹Unidad de Biofísica, Centro Mixto Consejo Superior de Investigaciones Científicas -²Departamento de Bioquímica, Universidad del País Vasco, Leioa, Bizkaia, 48940, Spain, Universidad del País Vasco/Euskal Herriko Unibertsitatea (CSIC, UPV/EHU), Barrio Sarriena s/n, Leioa, Bizkaia, 48940, Spain, ³Structural Biology Unit, CIC bioGUNE, Bizkaia Technology Park, 48160 Derio, Spain, ⁴IKERBASQUE, Basque Foundation for Science, 48011, Bilbao, Spain.Running title: *Structural Basis of PIM biosynthesis in mycobacteria*⁵ To whom correspondence may be addressed: Prof. Marcelo E. Guerin, Structural Biology Unit, CIC bioGUNE, Bizkaia Technology Park, 48160 Derio, Spain, Tel +34 944 061 309, E-mail: mrcguerin@cicbiogune.es

Key Words: phosphatidylinositol mannosides / glycolipid / mycobacteria / glycosyltransferase / acyltransferase / structural biology /

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