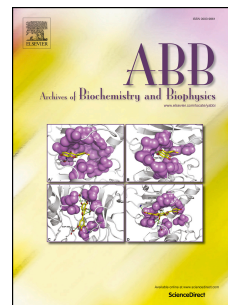


Accepted Manuscript

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PII: S0003-9861(16)30167-9

DOI: [10.1016/j.abb.2016.05.013](https://doi.org/10.1016/j.abb.2016.05.013)

Reference: YABBI 7287

To appear in: *Archives of Biochemistry and Biophysics*

Received Date: 12 February 2016

Revised Date: 14 May 2016

Accepted Date: 17 May 2016

Please cite this article as: A. Chowdhury, J. Sarkar, P.K. Pramanik, T. Chakraborti, S. Chakraborti, Cross talk between MMP2-Spm-Cer-S1P and ERK1/2 in proliferation of pulmonary artery smooth muscle cells under angiotensin II stimulation, *Archives of Biochemistry and Biophysics* (2016), doi: 10.1016/j.abb.2016.05.013.

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Cross talk between MMP2-Spm-Cer-S1P and ERK1/2 in proliferation of pulmonary artery smooth muscle cells under angiotensin II stimulation

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Abbreviation: SMC, smooth muscle cell; ANG II, angiotensin II; AT₁R; angiotensin receptor type-1; AT₂R; angiotensin receptor type-2; proMMP-2, pro matrix metalloprotease-2; SMase, sphingomyelinase; SPHK, sphingosine kinase; S1P, sphingosin-1-phosphate; ERK1/2, extracellular signal regulated kinase1/2 (p⁴⁴/p⁴² MAPK).

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