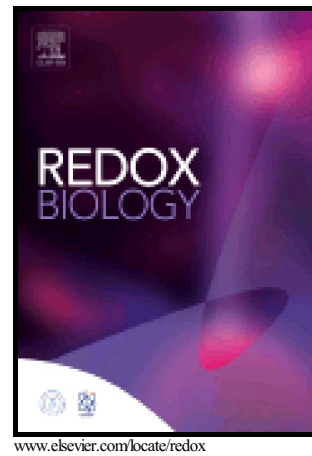


Author's Accepted Manuscript

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PII: S2213-2317(16)30472-4
DOI: <http://dx.doi.org/10.1016/j.redox.2017.01.001>
Reference: REDOX543

To appear in: *Redox Biology*

Received date: 31 December 2016

Accepted date: 3 January 2017

Cite this article as: Maceler Aldrovandi, Christine Hinz, Sarah N Lauder, Helen Podmore, Martin Hornshaw, David A Slatter, Victoria J Tyrrell, Stephen R Clark, Lawrence J Marnett, Peter W Collins, Robert C Murphy and Valerie E O'Donnell, DioxolaneA3-phosphatidylethanolamines are generated by human platelets and stimulate neutrophil integrin expression, *Redox Biology* <http://dx.doi.org/10.1016/j.redox.2017.01.001>

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DioxolaneA3-phosphatidylethanolamines are generated by human platelets and stimulate neutrophil integrin expression.

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Running title: New esterified eicosanoids from platelets that activate neutrophils

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Abbreviations: 8-hydroxy-9,10-dioxolane A3: DXA₃, phosphatidylethanolamine: PE, cyclooxygenase: COX, protease-activated receptors: PAR, cytosolic phospholipase A2: cPLA₂, thromboxane A2: TXA₂, hydroxyeicosatetraenoic acid: HETE, prostaglandin E2: PGE₂, oleyloxyethylphosphocholine: OOEP, bromoenol lactone: BEL, cytosolic phospholipase A_{2α} inhibitor (N-((2S,4R)-4-(Biphenyl-2-ylmethyl-isobutyl-amino)-1-[2-(2,4-difluorobenzoyl)-benzoyl]-pyrrolidin-2-ylmethyl}-3-[4-(2,4-dioxothiazolidin-5-ylidenemethyl)-phenyl]acrylamide: cPLA_{2i}, mitogen associated protein kinase: MAPK, dimyristolipophosphatidylethanolamine: DMPE, arachidonate: AA, 1-stearoyl-2-arachidonyl-PE: SAPE, diethylenetriaminepentaacetic acid: DTPA, higher energy collision-induced-dissociation: HCD, multiple reaction monitoring: MRM, lysophospholipid acyl transferases: LPAT.

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