Accepted Manuscript

Title: Incretins modulate progesterone biosynthesis by regulating bone morphogenetic protein activity in rat granulosa cells

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PII: S0960-0760(17)30333-3

DOI: https://doi.org/10.1016/j.jsbmb.2017.11.004

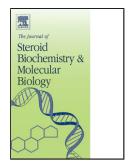
Reference: SBMB 5067

To appear in: Journal of Steroid Biochemistry & Molecular Biology

Received date: 8-9-2017 Revised date: 13-10-2017 Accepted date: 8-11-2017

Please cite this article as: Yuki Nishiyama, Toru Hasegawa, Shiho Fujita, Nahoko Iwata, Satoko Nagao, Takeshi Hosoya, Kenichi Inagaki, Jun Wada, Fumio Otsuka, Incretins modulate progesterone biosynthesis by regulating bone morphogenetic protein activity in rat granulosa cells, Journal of Steroid Biochemistry and Molecular Biology https://doi.org/10.1016/j.jsbmb.2017.11.004

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Nishiyama, Otsuka et al. JSBMB SBMB-D-17-00373-R1

Original Article

Incretins modulate progesterone biosynthesis by regulating bone morphogenetic protein activity in rat granulosa cells.

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Running Title: Incretin action in ovarian steroidogenesis

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Disclosure Statement: The authors have nothing to disclose. AC, adenylate cyclase

ALK, activin receptor-like kinase ActRII, activin type-II receptor BMP, bone morphogenetic protein

FSH, follicle-stimulating hormone FSHR, FSH receptor GDF, growth and differentiation factor GIP, glucose-dependent insulinotropic polypeptide GLP-1, glucagon-like peptide-1 IGF-I, insulin-like growth factor-I 3βHSD, 3β-hydroxysteroid dehydrogenase LH, luteinizing hormone PCOS, polycystic ovary syndrome Departments of ¹Medicine and Clinical Science, P450arom, P450 aromatase P450scc, P450 steroid side-chain cleavage enzyme StAR, steroidogenic acute regulatory protein TGF, transforming growth factor

BMPRII, BMP type-II receptor

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