# Deborah L Segaloff

List of Publications by Year
in descending order



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|---|---|---|---|
| 37 papers | 3,095 citations | 236925 25 h-index | 345221 36 g-index |
| 37 all docs | 37 docs citations | 37 times ranked | 1704 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Deletion of fetoplacental Fshr inhibits fetal vessel angiogenesis in the mouse placenta. Molecular and Cellular Endocrinology, 2018, 476, 79-83. | 3.2 | 10 |
| 2 | FSH Actions and Pregnancy: Looking Beyond Ovarian FSH Receptors. Endocrinology, 2018, 159, 4033-4042. | 2.8 | 35 |
| 3 | Differential Regulation of Human and Mouse Myometrial Contractile Activity by FSH as a Function of FSH Receptor Density. Biology of Reproduction, 2016, 95, 36-36. | 2.7 | 17 |
| 4 | Signaling Through FSH Receptors on Human Umbilical Vein Endothelial Cells Promotes Angiogenesis. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E813-E820. | 3.6 | 57 |
| 5 | FSH Receptor (FSHR) Expression in Human Extragonadal Reproductive Tissues and the Developing Placenta, and the Impact of Its Deletion on Pregnancy in Mice1. Biology of Reproduction, 2014, 91, 74. | 2.7 | 86 |
| 6 | Heterodimerization Between the Lutropin and Follitropin Receptors is Associated With an Attenuation of Hormone-Dependent Signaling. Endocrinology, 2013, 154, 3925-3930. | 2.8 | 59 |
| 7 | Revisiting and Questioning Functional Rescue between Dimerized LH Receptor Mutants. Molecular Endocrinology, 2012, 26, 655-668. | 3.7 | 23 |
| 8 | Regulatory Processes Governing the Cell Surface Expression of LH and FSH Receptors. Sub-Cellular Biochemistry, 2012, 63, 113-129. | 2.4 | 12 |
| 9 | Rescue of expression and signaling of human luteinizing hormone G protein-coupled receptor mutants with an allosterically binding small-molecule agonist. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 7172-7176. | 7.1 | 92 |
| 10 | Structural determinants underlying constitutive dimerization of unoccupied human follitropin receptors. Cellular Signalling, 2010, 22, 247-256. | 3.6 | 48 |
| 11 | Constitutive Activity of the Lutropin Receptor and Its Allosteric Modulation by Receptor Heterodimerization. Methods in Enzymology, 2010, 484, 231-252. | 1.0 | 2 |
| 12 | Chapter 4 Diseases Associated with Mutations of the Human Lutropin Receptor. Progress in Molecular Biology and Translational Science, 2009, 89, 97-114. | 1.7 | 39 |
| 13 | Bioluminescence Resonance Energy Transfer Studies Reveal Constitutive Dimerization of the Human Lutropin Receptor and a Lack of Correlation between Receptor Activation and the Propensity for Dimerization. Journal of Biological Chemistry, 2009, 284, 7483-7494. | 3.4 | 52 |
| 14 | A cell surface inactive mutant of the human lutropin receptor (hLHR) attenuates signaling of wild-type or constitutively active receptors via heterodimerization. Cellular Signalling, 2009, 21, 1663-1671. | 3.6 | 30 |
| 15 | An Intracellular Loop (IL2) Residue Confers Different Basal Constitutive Activities to the Human Lutropin Receptor and Human Thyrotropin Receptor through Structural Communication between IL2 and Helix 6, via Helix 3. Endocrinology, 2008, 149, 1705-1717. | 2.8 | 29 |
| 16 | Intrinsic Differences in the Response of the Human Lutropin Receptor Versus the Human Follitropin Receptor to Activating Mutations. Journal of Biological Chemistry, 2007, 282, 25527-25539. | 3.4 | 44 |
| 17 | Insights learned from L457(3.43)R, an activating mutant of the human lutropin receptor. Molecular and Cellular Endocrinology, 2007, 260-262, 287-293. | 3.2 | 19 |
| 18 | The Formation of a Salt Bridge Between Helices 3 and 6 Is Responsible for the Constitutive Activity and Lack of Hormone Responsiveness of the Naturally Occurring L457R Mutation of the Human Lutropin Receptor. Journal of Biological Chemistry, 2005, 280, 26169-26176. | 3.4 | 52 |

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|---|---|---|---|
| 19 | Constitutive and Agonist-dependent Self-association of the Cell Surface Human Lutropin Receptor. Journal of Biological Chemistry, 2004, 279, 5904-5914. | 3.4 | 91 |
| 20 | Desensitization of Gs-Coupled Receptor Signaling by Constitutively Active Mutants of the Human Lutropin/Choriogonadotropin Receptor. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 1194-1204. | 3.6 | 15 |
| 21 | Chimeras of the Rat and Human FSH Receptors (FSHRs) Identify Residues that Permit or Suppress Transmembrane 6 Mutation-Induced Constitutive Activation of the FSHR via Rearrangements of Hydrophobic Interactions Between Helices 6 and 7. Molecular Endocrinology, 2002, 16, 1881-1892. | 3.7 | 26 |
| 22 | The Lutropin/Choriogonadotropin Receptor, A 2002 Perspective. Endocrine Reviews, 2002, 23, 141-174. | 20.1 | 671 |
| 23 | Constitutive activation of the LH receptor is associated with an alteration in the conformation of the ectodomain. Molecular and Cellular Endocrinology, 2002, 194, 211-215. | 3.2 | 10 |
| 24 | The Lutropin/Choriogonadotropin Receptor, A 2002 Perspective. , 2002, 23, 141-174. | | 167 |
| 25 | Expression and Localization of Luteinizing Hormone Receptor in the Female Mouse Reproductive Tract1. Biology of Reproduction, 2001, 64, 179-187. | 2.7 | 78 |
| 26 | Pleiotropic Effects of Substitutions of a Highly Conserved Leucine in Transmembrane Helix III of the Human Lutropin/Choriogonadotropin Receptor with Respect to Constitutive Activation and Hormone Responsiveness. Molecular Endocrinology, 2001, 15, 972-984. | 3.7 | 38 |
| 27 | Naturally Occurring Mutations of the Luteinizing-Hormone Receptor: Lessons Learned about Reproductive Physiology and G Proteinâ€“Coupled Receptors. American Journal of Human Genetics, 1999, 65, 949-958. | 6.2 | 123 |
| 28 | Certain Activating Mutations within Helix 6 of the Human Luteinizing Hormone Receptor May Be Explained by Alterations That Allow Transmembrane Regions to Activate Gs. Molecular Endocrinology, 1998, 12, 1857-1869. | 3.7 | 37 |
| 29 | A Homozygous Microdeletion in Helix 7 of the Luteinizing Hormone Receptor Associated with Familial Testicular and Ovarian Resistance Is Due to Both Decreased Cell Surface Expression and Impaired Effector Activation by the Cell Surface Receptor. Molecular Endocrinology, 1998, 12, 442-450. | 3.7 | 119 |
| 30 | Certain Activating Mutations within Helix 6 of the Human Luteinizing Hormone Receptor May Be Explained by Alterations That Allow Transmembrane Regions to Activate Gs. Molecular Endocrinology, 1998, 12, 1857-1869. | 3.7 | 13 |
| 31 | Temperature Sensitivity of Some Mutants of the Lutropin/Choriogonadotropin Receptor1. Endocrinology, 1997, 138, 85-91. | 2.8 | 36 |
| 32 | The Six N-linked Carbohydrates of the Lutropin/Choriogonadotropin Receptor Are Not Absolutely Required for Correct Folding, Cell Surface Expression, Hormone Binding, or Signal Transduction. Molecular Endocrinology, 1997, 11, 550-562. | 3.7 | 85 |
| 33 | Evidence for the Direct Involvement of Transmembrane Region 6 of the Lutropin/Choriogonadotropin Receptor in Activating Gs. Journal of Biological Chemistry, 1997, 272, 14586-14591. | 3.4 | 42 |
| 34 | Temperature Sensitivity of Some Mutants of the Lutropin/Choriogonadotropin Receptor. Endocrinology, 1997, 138, 85-91. | 2.8 | 17 |
| 35 | The Six N-linked Carbohydrates of the Lutropin/Choriogonadotropin Receptor Are Not Absolutely Required for Correct Folding, Cell Surface Expression, Hormone Binding, or Signal Transduction. Molecular Endocrinology, 1997, 11, 550-562. | 3.7 | 28 |
| 36 | The Lutropin/Choriogonadotropin Receptorâ€¦ 4 Years Later*. Endocrine Reviews, 1993, 14, 324-347. | 20.1 | 304 |

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|---|---|---|---|
| 37 | The Testicular Receptor for Follicle Stimulating Hormone: Structure and Functional Expression of Cloned cDNA. Molecular Endocrinology, 1990, 4, 525-530. | 3.7 | 489 |