

Deborah L Segaloff

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The Lutropin/Choriogonadotropin Receptor, A 2002 Perspective. <i>Endocrine Reviews</i> , 2002, 23, 141-174.	20.1	671
2	The Testicular Receptor for Follicle Stimulating Hormone: Structure and Functional Expression of Cloned cDNA. <i>Molecular Endocrinology</i> , 1990, 4, 525-530.	3.7	489
3	The Lutropin/Choriogonadotropin Receptor—4 Years Later*. <i>Endocrine Reviews</i> , 1993, 14, 324-347.	20.1	304
4	The Lutropin/Choriogonadotropin Receptor, A 2002 Perspective. , 2002, 23, 141-174.		167
5	Naturally Occurring Mutations of the Luteinizing-Hormone Receptor: Lessons Learned about Reproductive Physiology and G Protein–Coupled Receptors. <i>American Journal of Human Genetics</i> , 1999, 65, 949-958.	6.2	123
6	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. <i>Molecular Endocrinology</i> , 1998, 12, 442-450.	3.7	119
7	Rescue of expression and signaling of human luteinizing hormone G protein-coupled receptor mutants with an allosterically binding small-molecule agonist. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7172-7176.	7.1	92
8	Constitutive and Agonist-dependent Self-association of the Cell Surface Human Lutropin Receptor. <i>Journal of Biological Chemistry</i> , 2004, 279, 5904-5914.	3.4	91
9	FSH Receptor (FSHR) Expression in Human Extragonadal Reproductive Tissues and the Developing Placenta, and the Impact of Its Deletion on Pregnancy in Mice ¹ . <i>Biology of Reproduction</i> , 2014, 91, 74.	2.7	86
10	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. <i>Molecular Endocrinology</i> , 1997, 11, 550-562.	3.7	85
11	Expression and Localization of Luteinizing Hormone Receptor in the Female Mouse Reproductive Tract ¹ . <i>Biology of Reproduction</i> , 2001, 64, 179-187.	2.7	78
12	Heterodimerization Between the Lutropin and Follitropin Receptors is Associated With an Attenuation of Hormone-Dependent Signaling. <i>Endocrinology</i> , 2013, 154, 3925-3930.	2.8	59
13	Signaling Through FSH Receptors on Human Umbilical Vein Endothelial Cells Promotes Angiogenesis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E813-E820.	3.6	57
14	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. <i>Journal of Biological Chemistry</i> , 2005, 280, 26169-26176.	3.4	52
15	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. <i>Journal of Biological Chemistry</i> , 2009, 284, 7483-7494.	3.4	52
16	Structural determinants underlying constitutive dimerization of unoccupied human follitropin receptors. <i>Cellular Signalling</i> , 2010, 22, 247-256.	3.6	48
17	Intrinsic Differences in the Response of the Human Lutropin Receptor Versus the Human Follitropin Receptor to Activating Mutations. <i>Journal of Biological Chemistry</i> , 2007, 282, 25527-25539.	3.4	44
18	Evidence for the Direct Involvement of Transmembrane Region 6 of the Lutropin/Choriogonadotropin Receptor in Activating Gs. <i>Journal of Biological Chemistry</i> , 1997, 272, 14586-14591.	3.4	42

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19	Chapter 4 Diseases Associated with Mutations of the Human Lutropin Receptor. <i>Progress in Molecular Biology and Translational Science</i> , 2009, 89, 97-114.	1.7	39
20	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. <i>Molecular Endocrinology</i> , 2001, 15, 972-984.	3.7	38
21	Certain Activating Mutations within Helix 6 of the Human Luteinizing Hormone Receptor May Be Explained by Alterations That Allow Transmembrane Regions to Activate Gs. <i>Molecular Endocrinology</i> , 1998, 12, 1857-1869.	3.7	37
22	Temperature Sensitivity of Some Mutants of the Lutropin/Choriogonadotropin Receptor ¹ . <i>Endocrinology</i> , 1997, 138, 85-91.	2.8	36
23	FSH Actions and Pregnancy: Looking Beyond Ovarian FSH Receptors. <i>Endocrinology</i> , 2018, 159, 4033-4042.	2.8	35
24	A cell surface inactive mutant of the human lutropin receptor (hLHR) attenuates signaling of wild-type or constitutively active receptors via heterodimerization. <i>Cellular Signalling</i> , 2009, 21, 1663-1671.	3.6	30
25	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. <i>Endocrinology</i> , 2008, 149, 1705-1717.	2.8	29
26	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. <i>Molecular Endocrinology</i> , 1997, 11, 550-562.	3.7	28
27	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. <i>Molecular Endocrinology</i> , 2002, 16, 1881-1892.	3.7	26
28	Revisiting and Questioning Functional Rescue between Dimerized LH Receptor Mutants. <i>Molecular Endocrinology</i> , 2012, 26, 655-668.	3.7	23
29	Insights learned from L457(3.43)R, an activating mutant of the human lutropin receptor. <i>Molecular and Cellular Endocrinology</i> , 2007, 260-262, 287-293.	3.2	19
30	Differential Regulation of Human and Mouse Myometrial Contractile Activity by FSH as a Function of FSH Receptor Density. <i>Biology of Reproduction</i> , 2016, 95, 36-36.	2.7	17
31	Temperature Sensitivity of Some Mutants of the Lutropin/Choriogonadotropin Receptor. <i>Endocrinology</i> , 1997, 138, 85-91.	2.8	17
32	Desensitization of Gs-Coupled Receptor Signaling by Constitutively Active Mutants of the Human Lutropin/Choriogonadotropin Receptor. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 1194-1204.	3.6	15
33	Certain Activating Mutations within Helix 6 of the Human Luteinizing Hormone Receptor May Be Explained by Alterations That Allow Transmembrane Regions to Activate Gs. <i>Molecular Endocrinology</i> , 1998, 12, 1857-1869.	3.7	13
34	Regulatory Processes Governing the Cell Surface Expression of LH and FSH Receptors. <i>Sub-Cellular Biochemistry</i> , 2012, 63, 113-129.	2.4	12
35	Constitutive activation of the LH receptor is associated with an alteration in the conformation of the ectodomain. <i>Molecular and Cellular Endocrinology</i> , 2002, 194, 211-215.	3.2	10
36	Deletion of fetoplacental Fshr inhibits fetal vessel angiogenesis in the mouse placenta. <i>Molecular and Cellular Endocrinology</i> , 2018, 476, 79-83.	3.2	10

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37	Constitutive Activity of the Lutropin Receptor and Its Allosteric Modulation by Receptor Heterodimerization. <i>Methods in Enzymology</i> , 2010, 484, 231-252.	1.0	2