

Sex Differentiation

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Recent Publications on Sex Differentiation:



- [Dimorphic expression of tryptophan hydroxylase in the brain of XX and XY Nile tilapia during early development.](#)
Serotonin (5-HT) is well known for modulating the release of GnRH and... 21st November, 2009
Department of Animal Sciences, School of Life Sciences, University of- Gen Comp Endocrinol. 2009 Nov 16. ([DOI Direct Link](#))
- [Sex differentiation and sex change in the protandrous black porgy, *Acanthopagrus schlegeli*.](#)
*Protandrous black porgy fish, *Acanthopagrus schlegeli*, have a striking...* 18th November, 2009
Department of Aquaculture, National Taiwan Ocean University, Keelung 202,- Gen Comp Endocrinol. 2009 Nov 13. ([DOI Direct Link](#))
- [Gonadogenesis in chub *Squalius \(Leuciscus\) cephalus* \(L. 1758\).](#)
The chub is an opportunistic, rheophilic cyprinid species and popular... 13th November, 2009
Department of Ichthyology, University of Warmia and Mazury in Olsztyn,- Folia Biol (Krakow). 2009;57(3-4):115-20.
- [\[Hormonal mechanisms of sex differentiation of the liver: the modern conception and problems\]](#)
The level of thousands of genes expression in the liver is differentiated... 10th November, 2009
- Ontogenez. 2009 Sep-Oct;40(5):334-54.
- [Effects of 17alpha-ethynylestradiol on early-life development, sex differentiation and vitellogenin induction in mummichog \(*Fundulus heteroclitus*\).](#)
Fertilized mummichog eggs retrieved from 17alpha-ethynylestradiol (EE(2))... 4th November, 2009
Department of Biology and Canadian Rivers Institute, University of New- Mar Environ Res. 2009 Oct 13. ([DOI Direct Link](#))
- [\[SF-1, a key player in adrenal and gonadal differentiation: implications in gonadal dysgenesis and primary ovarian insufficiency\]](#)
Steroidogenic factor 1 (SF-1) gene, identified by Keith Parker in 1992,... 3rd November, 2009
Inserm U693, Faculte de Medecine Paris-Sud 11, 94276 le Kremlin Bicetre.- Ann Endocrinol (Paris). 2009 Sep;70 Suppl 1:S26-32. ([DOI Direct Link](#))
- [Molecular Cloning and Expression Analysis of Ovary-Specific Transcript 1 \(Pm-OST1\) of the Giant Tiger Shrimp, *Penaeus monodon*.](#)
Isolation and characterization of genes specifically expressed in ovaries... 3rd November, 2009
1 Aquatic Molecular Genetics and Biotechnology Laboratory, National Center- Zoolog Sci. 2009 Nov;26(11):783-90. ([DOI Direct Link](#))
- [Molecular Cloning and Expression Analysis of Ovary-Specific Transcript 1 \(Pm-OST1\) of the Giant Tiger](#)

[Shrimp, *Penaeus monodon*.](#)

*Isolation and characterization of genes specifically expressed in ovaries...*3rd November, 2009
1 Aquatic Molecular Genetics and Biotechnology Laboratory, National Center- Zoolog Sci. 2009
Nov;26(11):783-90. ([DOI Direct Link](#))

- [Retinoblastoma 1 Protein Modulates XY Germ Cell Entry into G1/G0 Arrest During Fetal Development in Mice.](#)

*During mouse germ cell development, the first sign of sex differentiation...*30th October, 2009
- Biol Reprod. 2009 Oct 28. ([DOI Direct Link](#))

- [Insulin-like Growth Factors and Fish Reproduction.](#)

*Knowledge on fish reproduction is of high relevance for basic fish biology...*30th October, 2009
- Biol Reprod. 2009 Nov 4. ([DOI Direct Link](#))

- [Fish with thermolabile sex determination \(TSD\) as models to study brain sex differentiation.](#)

*As fish are ectothermic animals, water temperature can affect their basic...*27th October, 2009
Instituto de Ciencias del Mar (CSIC), Paseo Maritimo 37-49, 08003- Gen Comp Endocrinol. 2009 Oct
23. ([DOI Direct Link](#))

- [In ovo nanoinjection of nonylphenol affects embryonic development of a transgenic see-through medaka \(*Oryzias latipes*\), olvas-GFP/STII-YI strain.](#)

*We performed in ovo nanoinjection of 4-nonylphenol (NP) into embryos of a...*27th October, 2009
Laboratory of Marine Environmental Science, Faculty of Agriculture, Kyushu- Chemosphere. 2009
Dec;77(11):1594-9. Epub 2009 Oct 22. ([DOI Direct Link](#))

- [The ontogeny of nuclear estrogen receptor isoform expression and the effect of 17beta-estradiol in embryonic rainbow trout \(*Oncorhynchus mykiss*\).](#)

*Ligand bound nuclear estrogen receptor (ER) acts as a transcription factor...*13th October, 2009
Department of Biological Sciences and Center for Reproductive Biology,- Mol Cell Endocrinol. 2009
Oct 7. ([DOI Direct Link](#))

- [In vitro germ cell differentiation during sex differentiation in a teleost fish.](#)

*To clarify the sexually dimorphic mechanisms of gonadal sex...*17th September, 2009
Laboratory of Molecular Developmental Biology, Graduate School of- Int J Dev Biol. 2009 Aug 28. ([DOI Direct Link](#))

- [Establishment of a strain inheriting a sex-linked SNP marker in Patagonian pejerrey \(*Odontesthes hatcheri*\), a species with both genotypic and temperature-dependent sex determination.](#)

*Summary The Patagonian pejerrey *Odontesthes hatcheri* is an atherinopsid...*17th September, 2009
Department of Aquatic Biosciences, Faculty of Marine Science, Tokyo- Anim Genet. 2009 Sep 15. ([DOI Direct Link](#))

Sex Differentiation Patents:



- 3985780- [.beta.-Halogenoethyl-silanes as plant growth regulators](#)
- 4511661- [ATCC HB8116 And its monoclonal anti-H-Y antibody, Hyclonalan](#)
- 4680258- [Process for sex determination in man by use of monoclonal antibodies to the H-Y antigen](#)
- 4986274- [Fetal anatomic sex assignment by ultrasonography during early pregnancy](#)
- 5648468- [Process for identifying sex associated egg proteins and methods for increasing the probability that the avian offspring will be the desired sex](#)
- 5877160- [Compositions and methods of treatment of androgen-associated baldness using antisense](#)

[oligomers](#)

- 5972921- [Use of an aromatase inhibitor in the treatment of decreased androgen to estrogen ratio and detrusor urethral sphincter dyssynergia in men](#)
- 6199034- [Methods and apparatus for determining theme for discourse](#)
- 6227202- [Method of organogenesis and tissue regeneration/repair using surgical techniques](#)
- 4265655- [2-Oxo- and 2-thioxo-1,3-dithiol compounds as active substances for regulating plant metabolism and their use](#)
- 4105685- [Agent for the regulation of plant growth](#)
- 4102670- [Beta-halogenoethyl-silanes as plant growth regulators](#)
- 4004908- [.beta.-Halogenoethyl-silanes as stimulators for latex flow](#)
- 4004909- [Beta-halogenoethyl-silanes as fruit abscission, ripening and thinning agents](#)
- 4004910- [Beta-halogenoethyl-silanes as fruit ripening agents](#)
- 4045459- [Agent for the regulation of plant growth](#)
- 4053496- [Products from the hydrolysis of .beta.-halogenoethyl-silanes and their use as agents for the regulation of plant growth](#)
- 4053497- [Agent for the regulation of plant growth](#)
- 4098601- [Beta-halogenoethyl-silanes as plant growth regulators](#)
- 4102668- [.beta.-Halogenoethyl-silanes as plant growth regulators](#)
- 6307030- [Androgen receptor proteins, recombinant DNA molecules coding for such, and use of such compositions](#)
- 6316431- [Use of an aromatase inhibitor in the treatment of decreased androgen to estrogen ratio and detrusor urethral sphincter dyssynergia in men and method to study the dyssynergia in male rodents](#)
- 7205390- [Enzyme](#)
- 7232667- [Keratinocyte growth factor-2 polynucleotides](#)
- 7246061- [Method for the voice-operated identification of the user of a telecommunications line in a telecommunications network in the course of a dialog with a voice-operated dialog system](#)
- 7344870- [3-phosphoinositide-dependent protein kinase](#)
- 7473711- [Androgen modulators](#)
- 7507860- [Androgen modulators](#)
- 7551800- [Detection of airborne flash artifacts using preflash image](#)
- 7576128- [Androgen receptor modulators](#)
- 7129078- [DNA encoding androgen receptor fragment](#)
- 7067256- [Ribozyme mediated inactivation of the androgen receptor](#)
- 7037919- [Tetrahydroquinoline derivatives](#)
- 6455252- [Determination of Genetic sex in equine species by analysis of y-chromosomal DNA sequences](#)
- 6489163- [Ribozyme mediated inactivation of the androgen receptor](#)
- 6555670- [Testis-specific gene](#)
- 6693077- [Keratinocyte growth factor-2](#)
- 6734001- [3-phosphoinositide-dependent protein kinase](#)
- 6777427- [Tetrahydroquinoline compounds](#)
- 6821767- [Androgen receptor proteins, recombinant DNA molecules coding for such, and use of such compositions](#)
- 6875438- [Preparations for topical administration of substances having antiandrogenic activity](#)
- 7601828- [Estimation method, human estrogen receptor alpha gene, genomic DNA, and diagnostic marker](#)

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