

Pachytene Stage

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Recent Publications on Pachytene Stage:

- [Polo-like kinase Cdc5 drives exit from pachytene during budding yeast meiosis.](#)
*In budding yeast, exit from the pachytene stage of meiosis requires the...*4th October, 2008
Laboratory of Biochemistry and Molecular Biology, Center for Cancer- Genes Dev. 2008 Oct 1;22(19):2627-32. ([DOI Direct Link](#))
- [\[Instability of B-chromosomes in somatic and germline cells of Apodemus peninsulae\]](#)
*Instability of B-chromosomes was estimated in somatic and germline cells...*2nd October, 2008
- Genetika. 2008 Aug;44(8):1101-7.
- [Variation in crossover interference levels on individual chromosomes from human males.](#)
*Crossovers (COs) generated by homologous recombination ensure the proper...*30th September, 2008
Hefei National Laboratory for Physical Sciences, Microscale 2 School of- Hum Mol Genet. 2008 Sep 1;17(17):2583-94. Epub 2008 May 23. ([DOI Direct Link](#))
- [AtMSH5 partners AtMSH4 in the class I meiotic crossover pathway in Arabidopsis thaliana, but is not required for synapsis.](#)
*MSH5, a meiosis-specific member of the MutS-homologue family of genes, is...*23rd September, 2008
School of Biosciences, University of Birmingham, Birmingham B15 2TT, UK.- Plant J. 2008 Jul;55(1):28-39. ([DOI Direct Link](#))
- [Mus81/Mms4 endonuclease and Sgs1 helicase collaborate to ensure proper recombination intermediate metabolism during meiosis.](#)
*Budding yeast lacking the Sgs1 helicase and the Mus81/Mms4 endonuclease...*6th September, 2008
Laboratory of Biochemistry and Molecular Biology, Center for Cancer- Mol Cell. 2008 Aug 8;31(3):313-23. ([DOI Direct Link](#))
- [\[Response of the spermatogenic system to chemical mutagen dipin in SAMP1 senesce-accelerated mice\]](#)
*Specific features of spermatogenesis were studied in senesce-accelerated...*30th August, 2008
- Izv Akad Nauk Ser Biol. 2008 May-Jun;(3):272-82.
- [Long-term spermatogonial survival in cryopreserved and xenografted immature human testicular tissue.](#)
*BACKGROUND Preservation of the male germ line in prepubertal boys...*31st July, 2008
Gynecology Research Unit, Department of Gynecology, Universite Catholique- Hum Reprod. 2008 Jul 28. ([DOI Direct Link](#))
- [Cytological characterization of the tandem repetitive sequences and their methylation status in the Antirrhinum majus genome.](#)
*Tandem repetitive sequences are DNA motifs common in the genomes of...*23rd July, 2008
State Key Laboratory of Plant Genomics and Center for Plant Gene Research,- Genomics. 2008

- Aug;92(2):107-14. Epub 2008 Jun 17. ([DOI Direct Link](#))
- [Meiotic chromosomes move by linkage to dynamic actin cables with transduction of force through the nuclear envelope.](#)
*Chromosome movement is prominent during meiosis. Here, using a combination...*17th July, 2008
Department of Molecular and Cellular Biology, Harvard University,- Cell. 2008 Jun 27;133(7):1188-201. ([DOI Direct Link](#))
 - [Organization and transcriptional output of a novel mRNA-like piRNA gene \(mpiR\) located on mouse chromosome 10.](#)
*This letter describes the architecture and transcriptional output of a...*17th June, 2008
- RNA. 2008 Jun;14(6):1005-11. Epub 2008 Apr 25. ([DOI Direct Link](#))
 - [Meiotic failure in male mice lacking an X-linked factor.](#)
*Meiotic silencing of sex chromosomes may cause their depletion of...*16th May, 2008
Department of Animal Biology, School of Veterinary Medicine, University of- Genes Dev. 2008 Mar 1;22(5):682-91. ([DOI Direct Link](#))
 - [Homologous chromosome pairing is completed in crossover defective atzip4 mutant.](#)
*In transposon-tagged lines of Arabidopsis, we found a mutant that was...*13th May, 2008
Gene Discovery Research Group, RIKEN Plant Science Center, 1-7-22- Biochem Biophys Res Commun. 2008 May 23;370(1):98-103. Epub 2008 Mar 17. ([DOI Direct Link](#))
 - [Synaptonemal complex analysis in spermatocytes of diploid and triploid Chinese shrimp Fenneropenaeus chinensis.](#)
*A modified surface spreading technique for synaptonemal complex (SC)...*6th May, 2008
Institute of Oceanology, Chinese Academy of Sciences, Qingdao 266071, PR- Tissue Cell. 2008 Oct;40(5):343-50. Epub 2008 May 1. ([DOI Direct Link](#))
 - [Yeast Pch2 promotes domainal axis organization, timely recombination progression, and arrest of defective recombinosomes during meiosis.](#)
*We show that, during budding yeast meiosis, axis ensemble Hop1/Red1 and...*19th April, 2008
Department of Molecular and Cellular Biology, Harvard University,- Proc Natl Acad Sci U S A. 2008 Mar 4;105(9):3327-32. Epub 2008 Feb 27. ([DOI Direct Link](#))
 - [Expression patterns of SP1 and SP3 during mouse spermatogenesis: SP1 down-regulation correlates with two successive promoter changes and translationally compromised transcripts.](#)
*Because of their prominent roles in regulation of gene expression, it is...*18th April, 2008
Department of Chemistry and Biochemistry, University of South Carolina,- Biol Reprod. 2008 Aug;79(2):289-300. Epub 2008 Apr 16. ([DOI Direct Link](#))

BioNews Results for Pachytene Stage

- [When Pregnancy and Cancer Collide](#)
Dallas Child: Oct 4 2008 1:18AM Matching: stage
- [AEterna enters second stage of patient recruitment for Phase II cancer trial](#)
Datamonitor: Oct 4 2008 1:32AM Matching: stage
- [AEterna enters second stage of patient recruitment for Phase II cancer trial](#)
Pharmaceutical Business Review: Oct 4 2008 3:25AM Matching: stage
- [Idera Pharmaceuticals Announces Preliminary Data from Phase 2a Clinical Study of IMO-2055 Monotherapy in Renal](#)
Pharma Live: Oct 4 2008 1:02AM Matching: stage
- [ArQule Achieves Clinical Milestone in MiT Trial with ARQ 197](#)
Pharma Live: Oct 3 2008 11:26AM Matching: stage
- [Study on breast cancer being conducted](#)
The Freeport News: Oct 3 2008 1:52PM Matching: stage

- [02 Oct 08 | Pfizer Shows Accelerating Pipeline With Significant Growth In Late-Stage Clinical Development](#)
PharmiWeb: Oct 3 2008 6:13AM Matching: stage
- [AEterna Zentaris Reaches 2nd Stage of Patient Recruitment for Phase 2 Trial in Ovarian Cancer with the Innovat](#)
Pharma Live: Oct 3 2008 11:25AM Matching: stage
- [AEterna Zentaris Reaches 2nd Stage of Patient Recruitment for Phase 2 Trial in Ovarian Cancer with the Innovat](#)
Checkbiotech: Oct 3 2008 11:05AM Matching: stage
- [AEterna Zentaris Reaches 2nd Stage of Patient Recruitment for Phase 2 Trial in Ovarian Cancer with the Innovat](#)
TickerTech.com: Oct 3 2008 5:00AM Matching: stage
- [Data Misreported in Studies of CT Lung Cancer Screening](#)
MedPage Today: Oct 3 2008 4:56AM Matching: stage
- [::: AEterna Zentaris Reaches 2nd Stage of Patient Recruitment for Phase 2 Trial in Ovarian Cancer with the Inn](#)
Biotech Intelligence: Oct 3 2008 1:44AM Matching: stage
- [Little Company of Mary Becomes First Hospital in the United States to Treat Breast Cancer in One Day Using Tra](#)
SmartBrief: Oct 3 2008 2:56PM Matching: stage
- [New Scientific Advances in Gastroenterology Presented at College's 73rd Annual Meeting](#)
Montana's News Station: Oct 3 2008 6:01PM Matching: stage
- [Oxigene Announces Strategic Collaboration With Symphony Capital](#)
Pharma Live: Oct 3 2008 3:55PM Matching: stage

Pachytene Stage Patents:



- 7271243- [Full-length human cDNAs encoding potentially secreted proteins](#)
- 6054442- [Methods and compositions for modulation and inhibition of telomerase in vitro](#)
- 6232527- [Maize Rad2/FEN-1 orthologues and uses thereof](#)
- 6410825- [A-myb null mutant transgenic mice](#)
- 6555329- [Method for identifying compounds altering higher-order chromatin-dependent chromosome stability](#)
- 6579850- [Polypeptide, novel DNA and novel antibody](#)
- 6593306- [Methods for modulation and inhibition of telomerase](#)
- 6632934- [MORC gene compositions and methods of use](#)
- 6979725- [Rad2/FEN-1 orthologues and uses thereof](#)
- 7052889- [Mammalian SUV39H2 proteins and isolated DNA molecules encoding them](#)
- 7060479- [Full-length human cDNAs encoding potentially secreted proteins](#)
- 6004939- [Methods for modulation and inhibition of telomerase](#)

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