

Chickenpox

[View the current Chickenpox InDepth page on BioPortfolio.com](#) ([PDF](#))

(<http://www.bioportfolio.com/indepth/Chickenpox.html>) - Regularly Updated.

Chickenpox is one of the five classical childhood exanthems or rashes, once a cause of significant morbidity and mortality, but now chiefly of historical importance. Formerly one of the childhood infectious diseases caught by and survived by almost every child, its incidence had been reduced since the introduction and use of a varicella vaccine in 1995 in the U.S. and Canada to inoculate against the disease. Areas such as England, where the vaccine is not mandated, have increasing prevalence rates for chickenpox. Chickenpox is caused by the varicella-zoster virus , also known as human herpes virus 3 , one of the eight herpes viruses known to affect humans. It starts with conjunctival and catarrhal symptoms and then characteristic spots appearing in two or three waves, mainly on the body and head rather than the hands and becoming itchy raw pox , small open sores which heal mostly without scarring. Chickenpox has a 10-21 day incubation period and is highly contagious through physical contact two days before symptoms appear. Following primary infection there is usually lifelong protective immunity from further episodes of chickenpox. Chickenpox is rarely fatal , with pregnant women and those with a suppressed immune system being more at risk. Pregnant women not known to be immune and who come into contact with chickenpox may need urgent treatment as the virus can cause serious problems for the fetus. This is less of an issue after 20 weeks. The most common complication of chicken pox is shingles; this is most frequently a late effect. ([From the Wikipedia article Chickenpox](#) .)

Recent Publications on Chickenpox:



- [Simian varicella virus infection of rhesus macaques recapitulates essential features of varicella zoster virus infection in humans.](#)
Simian varicella virus (SVV), the etiologic agent of naturally occurring... 17th November, 2009
Vaccine and Gene Therapy, Division of Pathobiology and Immunology, Oregon- PLoS Pathog. 2009 Nov;5(11):e1000657. Epub 2009 Nov 13. ([DOI Direct Link](#))
- [\[Chickenpox in Poland in 2007\]](#)
In 2007, 160,174 cases of chickenpox were reported in Poland. The... 13th November, 2009
Zaklad Epidemiologii Narodowego Instytutu Zdrowia Publicznego-Panstwowego- Przegl Epidemiol. 2009;63(2):181-3.
- [\[Vaccination against chickenpox, shingles and rotavirus-infection\]](#)
The Dutch National Immunisation Programme (NIP) has been very successful... 11th November, 2009
Erasmus Medisch Centrum-Sophia, Rotterdam, The Netherlands.- Ned Tijdschr Geneesk. 2009;153:A913.
- [\[Initial results and evaluation of igg antibody levels for measles, mumps, rubella and chickenpox viruses in young adults born in 1989\]](#)
The study presents results of the examination of IgG antibody levels for... 11th November, 2009
Mazowieckie Centrum Leczenia Chorob Pluc i Gruzlicy, 05-400 Otwock ul.- Przegl Epidemiol. 2009;63(3):363-7.

- [The effect of clinical severity and eyelid rash on ocular involvement in primary varicella infection.](#)
*Purpose. To describe ocular manifestations in primary varicella infection...*3rd November, 2009
Department of 1st Eye Clinic, Ankara Training and Research Hospital,- Eur J Ophthalmol. 2009
Nov-Dec;19(6):905-8.
- [\[Management of herpes zoster infection.\]](#)
*Approximately 10 to 30% of the population will suffer from herpes zoster...*30th October, 2009
HYKS/HUS, medisiininen tulosityksikko, infektiosairauksien klinikka.- Duodecim. 2009;125(15):1608-14.
- [Compliance with multiple-dose vaccine schedules among older children, adolescents, and adults: results from a vaccine safety datalink study.](#)
*OBJECTIVES: We studied compliance with multiple-dose vaccine schedules...*27th October, 2009
Group Health Research- Am J Public Health. 2009 Oct;99 Suppl 2:S389-97. ([DOI Direct Link](#))
- [Effectiveness of Varicella Vaccines as Postexposure Prophylaxis.](#)
*BACKGROUND:: Although chickenpox is usually a mild disease, it is not...*21st October, 2009
From the *Servicio de Medicina Preventiva y Epidemiologia, and- Pediatr Infect Dis J. 2009 Oct 16. ([DOI Direct Link](#))
- [Varicella-zoster virus seroprevalence in healthcare workers in Kuala Lumpur, Malaysia.](#)
*Varicella-zoster virus (VZV) infections are a particular problem in...*21st October, 2009
Department of Medical Microbiology, University Malaya, Kuala Lumpur,- Med J Malaysia. 2008
Dec;63(5):429-30.
- [Economic evaluation of varicella vaccination in Swiss children and adolescents.](#)
*This study explores the effects of three different 2-dose varicella zoster...*16th October, 2009
Outcomes International, Basel, Switzerland.- Hum Vaccin. 2009 Dec 23;5(12).
- [Management of fever in children: summary of the Italian Pediatric Society guidelines.](#)
*OBJECTIVE: This article summarizes the Italian Pediatric Society guideline...*8th October, 2009
Department of Pediatrics, University of Florence, I-50139 Florence, Italy.- Clin Ther. 2009
Aug;31(8):1826-43. ([DOI Direct Link](#))
- [\[Nosocomial chickenpox \(varicella\) in health care staff at an infectious diseases unit\]](#)
*OBJECTIVE: To report cases of nosocomial chickenpox in medical staff at an...*6th October, 2009
Service des maladies infectieuses et tropicales, CHU de Treichville,- Sante. 2009 Jan-Mar;19(1):49-52.
([DOI Direct Link](#))
- [Dermatological conditions presenting at an emergency department in Singapore.](#)
*INTRODUCTION: In Singapore, a significant proportion of patients receive...*30th September, 2009
Emergency Department, Tan Tock Seng Hospital, 11 Jalan Tan Tock Seng,- Singapore Med J. 2009
Sep;50(9):881-4.
- [Guttate psoriasis triggered by chickenpox.](#)
*Approximately 10 to 30% of the population will suffer from herpes zoster...*17th September, 2009
Department of Anesthesiology, Intensive Care and Dermatological Sciences,- G Ital Dermatol
Venereol. 2009 Aug;144(4):501-2.
- [Necrosis of nose skin after varicella zoster infection: a case report.](#)
*Varicella zoster virus (VZV) is the causal agent of varicella (chickenpox)...*12th September, 2009
Department of Plastic Surgery, University Medical Center Groningen, The- J Plast Reconstr Aesthet
Surg. 2009 Sep 8. ([DOI Direct Link](#))

BioNews Results for Chickenpox

- [FDA Approves New Drug Treatment for Long-Term Pain Relief after Shingles Attacks](#)
PharmaceuticalProcessing: Nov 20 2009 8:25PM Matching: chickenpox
- [New Drug for Lingering Shingles Pain](#)
WebMD: Nov 20 2009 8:26AM Matching: chickenpox
- [FDA Approves Drug For Shingles Pain](#)

- MedIndia: Nov 20 2009 6:34AM Matching: chickenpox*
- [FDA Approves New Drug For Pain That Persists After Shingles](#)
MediLexicon: Nov 19 2009 6:40AM Matching: chickenpox
- [FDA approves Qutenza](#)
Drug Store News: Nov 19 2009 7:27AM Matching: chickenpox
- [FDA Approves New Drug For Pain That Persists After Shingles](#)
Medical News Today: Nov 18 2009 10:46PM Matching: chickenpox
- [Medical News: FDA Approves New Drug For Pain That Persists After Shingles](#)
BioFind: Nov 18 2009 10:34PM Matching: chickenpox
- [FDA Approves New Post-Shingles Attack Drug](#)
Post Chronicle: Nov 18 2009 10:03PM Matching: chickenpox
- [FDA Approves New Post-Shingles Attack Drug](#)
Pharma Live: Nov 18 2009 7:45PM Matching: chickenpox
- [Medical News: FDA Approves New Drug Treatment For Long-Term Pain Relief After Shingles Attacks](#)
BioFind: Nov 18 2009 4:13PM Matching: chickenpox
- [FDA approves new post-shingles attack drug](#)
Pharmacy Choice: Nov 18 2009 3:21PM Matching: chickenpox
- [FDA approves new post-shingles attack drug](#)
UPI: Nov 18 2009 3:12PM Matching: chickenpox
- [FDA approves new post-shingles attack drug](#)
Therapeutics Daily: Nov 18 2009 2:17PM Matching: chickenpox
- [FDA approves Qutenza, a pain relief product for patients who suffer from PHN](#)
News-Medical.Net: Nov 18 2009 8:50AM Matching: chickenpox
- [FDA Approves New Drug Treatment for Long-Term Pain Relief after Shingles Attacks](#)
U.S. Food and Drug Administration: Nov 17 2009 11:10PM Matching: chickenpox

Chickenpox Patents:



- 7459532- [Variants of the TRP channel family member, LTRPC3G](#)
- 7498298- [Monomethylvaline compounds capable of conjugation to ligands](#)
- 7498334- [Pyrrolopyrimidines as phosphodiesterase VII inhibitors](#)
- 7501123- [Human G-protein chemokine receptor \(CCR5\) HDGNR10](#)
- 7504105- [Treatment using antibodies to cytokine receptor common gamma chain like](#)
- 7504481- [TRP channel family member, LTRPC3 polypeptides](#)
- 7507413- [Albumin fusion proteins](#)
- 7507414- [Albumin fusion proteins](#)
- 7514085- [Immune modulating compounds from fungi](#)
- 7521424- [Albumin fusion proteins](#)
- 7534455- [Herbal composition PHY906 and its use in chemotherapy](#)
- 7498027- [Methods of treatment using human tumor necrosis factor receptor TR17 antibodies](#)
- 7497119- [Methods and systems for using resonant acousto-EM energy and acousto-EM signatures to disrupt biologic structures](#)
- 7491493- [Method and kit for molecular identification of smallpox](#)
- 7462454- [Treatment of herpes](#)

- 7465568- [Essential fungal polynucleotides, polypeptides, and methods of use](#)
- 7465707- [Methods of treatment with TR10 polypeptides](#)
- 7470687- [Aryl oximes](#)
- 7473708- [Agents with leukotriene B.sub.4-like antiviral \(enveloped RNA\) activities](#)
- 7476384- [Death domain containing receptor 4 antibody and methods](#)
- 7476683- [Glycinamide derivatives as raf-kinase inhibitors](#)
- 7479484- [Peptides and peptidomimetics having immune-modulating, anti-inflammatory, and anti-viral activity](#)
- 7482013- [Albumin fusion proteins](#)
- 7482442- [HEMCM42 nucleic acids](#)
- 7534596- [Method and device for producing vaccine](#)
- 7534765- [Pregnancy-induced oligodendrocyte precursor cell proliferation regulated by prolactin](#)
- 7572776- [N-\(phosphonoalkyl\)-amino acids, derivatives thereof and compositions and methods of use](#)
- 7576319- [Systems for differential ion mobility analysis](#)
- 7579370- [Fused heterocycles](#)
- 7591806- [High-aspect-ratio microdevices and methods for transdermal delivery and sampling of active substances](#)
- 7592010- [Albumin fusion proteins](#)
- 7595038- [Methods of treatment using antibodies to follistatin-3](#)
- 7595864- [Optical sensor for the instantaneous detection and identification of bioaerosols](#)
- 7598345- [Immunostimulatory compositions and methods](#)
- 7598348- [Adiponectin receptor variant, AdipoR2v2](#)
- 7601745- [Heterocyclic NF-kB inhibitors](#)
- 7572618- [Polynucleotides encoding novel PCSK9 variants](#)
- 7569384- [Albumin fusion proteins](#)
- 7569340- [Nanoarrays of single virus particles, methods and instrumentation for the fabrication and use thereof](#)
- 7534871- [Preparation and use of carbohydrate-based bicyclic ring structures with antimicrobial and cytostatic activity](#)
- 7541040- [Chimeric molecule for the treatment of th2-like cytokine mediated disorders](#)
- 7541434- [Polypeptide for a TRP channel family member, TRP-PLIK2, and splice variants](#)
- 7544684- [Hydrazono-malonitriles](#)
- 7553805- [Methods and compositions for treating viral, fungal, and bacterial infections](#)
- 7553816- [p-amidobenzylethers in drug delivery agents](#)
- 7553932- [Methods of treating viral infection with IL-10 receptor antagonists](#)
- 7556809- [Active antiangiogenic therapy](#)
- 7563790- [Pyridazine derivatives](#)
- 7566447- [Biocides](#)
- 7618946- [Analgesic compounds, extracts containing same and methods of preparation](#)

Resources from the [NCBI](#) used in this document, [NCBI's standard disclaimer applies](#).

Nothing in this document should be used in place of personal medical advice from your own qualified medical practitioner. See BioPortfolio.com [User Agreement](#)

Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

All rights reserved. All other trademarks recognized.

BioPortfolio Limited is registered in England & Wales at Stafford House, 10 Prince of Wales Road, Dorchester, Dorset, DT1 1PW, UK. No.3312883 VAT No. GB 744 6483 10

Copyright 1997-2009 - BioPortfolio Limited.

