

# Paragonimiasis

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Paragonimiasis is a food-borne parasitic infection caused by the lung fluke, most commonly *Paragonimus westermani*. Infection in humans mainly occurs by ingestion of raw or undercooked freshwater crabs or crayfishes. It infects an estimated 22 million people worldwide. It is particularly common in East Asia. In China it has 2 different species the *Paragonimus westermani* and *Pagumogonimus skrjabini*. Treatment is with praziquantel, an antiparasitic drug. ([From the Wikipedia article Paragonimiasis](#).)

## Recent Publications on Paragonimiasis:



- [Human paragonimiasis in North America following ingestion of raw crayfish.](#)  
*Paragonimiasis (human infections with the lung fluke Paragonimus...*6th November, 2009  
Infectious Diseases Division, Washington University, St. Louis, Missouri- *Clin Infect Dis.* 2009 Sep 15;49(6):e55-61. ([DOI Direct Link](#))
- [Fifty Years of the Korean Society for Parasitology.](#)  
*In 1959, the Korean Society for Parasitology was founded by clinical...*4th November, 2009  
Professor Emeritus, Sungkyunkwan University, Seoul 110-745, Korea.- *Korean J Parasitol.* 2009 Oct;47(Supplement):S7-S19. ([DOI Direct Link](#))
- [\[Paragonimiasis Westermani associated with pseudochoylothorax\]](#)  
*A 67-year-old woman was referred to our hospital because of right pleural...*4th November, 2009  
Department of Respiratory Medicine, Kimitsu Chuo Hospital.- *Nihon Kokyuki Gakkai Zasshi.* 2009 Oct;47(10):890-4.
- [\[Distribution of food-borne parasitic diseases and dietary habits in human population in Guangxi\]](#)  
*OBJECTIVE: To investigate the distribution of common food-borne parasitic...*27th October, 2009  
Guangxi Center for Disease Control and Prevention, Nanning 530028, China.- *Zhongguo Ji Sheng Chong Xue Yu Ji Sheng Chong Bing Za Zhi.* 2009
- [\[Immunoreactivity of the recombinant protein of Echinococcus granulosus antigen B\]](#)  
*OBJECTIVE: To express the recombinant antigen B (rAgB) of Echinococcus...*27th October, 2009  
Medical Research Center, First Teaching Hospital of Xinjiang Medical- *Zhongguo Ji Sheng Chong Xue Yu Ji Sheng Chong Bing Za Zhi.* 2009
- [\[Clinical analysis of 78 cases of parasitic encephalopathy\]](#)  
*OBJECTIVE: To investigate the epidemiology, clinical characteristics,...*27th October, 2009  
Department of Infectious Disease, Huashan Hospital, Fudan University,- *Zhongguo Ji Sheng Chong Xue Yu Ji Sheng Chong Bing Za Zhi.* 2009
- [\[Application of magnetic particle antibody immunoassay in detection of anti-Schistosoma japonicum egg antibody\]](#)  
*OBJECTIVE: To establish a magnetic particle antibody immunoassay (MPAIA)...*27th October, 2009  
Department of Parasitology, Tongji Medical College, Huazhong University of- *Zhongguo Ji Sheng*

Chong Xue Yu Ji Sheng Chong Bing Za Zhi. 2009

- [\[A new focus of human paragonimosis discovered in Cote d'Ivoire \(West Africa\): the case of the Lauzoua Island\]](#)  
*Fifteen cases of human paragonimosis were detected in Ivory Coast from...*2nd October, 2009  
Laboratoire de Parasitologie-Mycologie, Faculte de Medecine, Centre- Med Trop (Mars). 2009 Jun;69(3):263-6.
- [Rapid Identification of Paragonimiasis Foci by Lay Informants in Lao People's Democratic Republic.](#)  
*BACKGROUND: Paragonimiasis is a food-borne trematodiasis leading to lung...*23rd September, 2009  
Department of Public Health and Epidemiology, Swiss Tropical Institute,- PLoS Negl Trop Dis. 2009 Sep 22;3(9):e521. ([DOI Direct Link](#))
- [Chapter 4. Peptidases of trematodes.](#)  
*Among human and veterinary parasitic diseases the trematodiasis (e.g....*15th September, 2009  
Department of Parasitology, Faculty of Science, Charles University in- Adv Parasitol. 2009;69:205-97. ([DOI Direct Link](#))
- [Molecular characterization and kinetic properties of a novel two-domain taurocyamine kinase from the lung fluke Paragonimus westermani.](#)  
*Taurocyamine kinase (TK) was previously reported to be restricted to...*10th September, 2009  
Department of Environmental Health Sciences, Kochi Medical School, Oko,- FEBS Lett. 2009 Jul 7;583(13):2218-24. Epub 2009 Jun 3. ([DOI Direct Link](#))
- [North American paragonimiasis \(Caused by Paragonimus kellicotti\) in the context of global paragonimiasis.](#)  
*Paragonimus species are highly evolved parasites with a complex life cycle...*8th September, 2009  
Department of Clinical Pathology/L11, The Cleveland Clinic, 9500 Euclid- Clin Microbiol Rev. 2009 Jul;22(3):415-46. ([DOI Direct Link](#))
- [Three cases of paragonimiasis in a family.](#)  
*Paragonimiasis typically results from the consumption of raw or improperly...*3rd September, 2009  
Division of Allergy and Clinical Immunology, Department of Internal- Korean J Parasitol. 2009 Sep;47(3):281-5. Epub 2009 Aug 28. ([DOI Direct Link](#))
- [Detection of Paragonimus metacercariae in the Japanese freshwater crab, Geothelphusa dehaani, bought at retail fish markets in Japan.](#)  
*Paragonimiasis (human infections with the lung fluke Paragonimus...*2nd September, 2009  
Department of Parasitology, National Institute of Infectious Diseases,- Jpn J Infect Dis. 2009 Jul;62(4):324-5.
- [Human paragonimiasis in Africa.](#)  
*An up-to-date review on human paragonimiasis in Africa was carried out to...*12th August, 2009  
Laboratory of Parasitology-Mycology, Faculty of Medicine, BP V 166- Ann Afr Med. 2008 Dec;7(4):153-62.

## Paragonimiasis Patents:



- 7601355- [Compositions and methods for altering immune function](#)
- 6537791- [Mammalian DNA-dependent ATPase a polypeptides and fusions thereof](#)
- 6531306- [Polynucleotides encoding mammalian DNA-dependent ATPase A polypeptides](#)
- 6309669- [Therapeutic treatment and prevention of infections with a bioactive materials encapsulated](#)

- [within a biodegradable-biocompatible polymeric matrix](#)
- 6191168- [Methods for the use of nonprotein amino acids as therapeutic agents](#)
  - 6180612- [Methods and compositions for targeting DNA metabolic processes using aminoglycoside derivatives](#)
  - 5486535- [Method for treating toxoplasmosis](#)
  - 5354660- [Isolation of diagnostic glycoproteins to taenia solium, immunoblot-assay and method for the detection of human cysticercosis](#)
  - 5194451- [Systemic anti-inflammatory treatment](#)
  - 5166219- [Systemic anti-inflammatory treatment](#)
  - 6573060- [Methods and compositions for targeting DNA metabolic processes using aminoglycoside derivatives](#)
  - 6589752- [Recombinant antigen of Taenia solium metacestodes](#)
  - 6844010- [Therapeutic treatment and prevention of infections with a bioactive materials encapsulated within a biodegradable-biocompatible polymeric matrix](#)
  - 7595160- [Analyte detection using barcoded polymers](#)
  - 7588774- [Molecules enhancing dermal delivery of influenza vaccines](#)
  - 7553861- [Dipeptidyl peptidase-IV inhibitors](#)
  - 7407959- [Cathepsin cysteine protease inhibitors](#)
  - 7405229- [Cathepsin cysteine protease inhibitors](#)
  - 7358278- [Cellular phosphorylation potential enhancing compositions preparation and use thereof](#)
  - 7351739- [Bioactive compounds and methods of uses thereof](#)
  - 7262859- [Systems and methods for measurement optimization](#)
  - 6902743- [Therapeutic treatment and prevention of infections with a bioactive material\(s\) encapsulated within a biodegradable-bio-compatible polymeric matrix](#)
  - 5061694- [Method for stabilizing or causing regression of atherosclerosis in coronary arteries employing an ace inhibitor](#)

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