

CURRICULUM VITAE

Prof. Dr. Keyhan Ashrafi
BSC, MSC, Ph.D

PERSONAL INFORMATION:

NAME: Keyhan

NAME: Ashrafi Fashi

DATE OF BIRTH: 21/04/1965

NATIONALITY: Iranian

ACADEMIC TITLE:

Ph.D in Medical Parasitology, Tehran University of Medical Sciences, Tehran, Iran (2004).

MSc in Medical Parasitology, Tehran University of Medical Sciences, Tehran Iran (1990).

BSc in Biological Sciences, Shahid Beheshti University, Tehran, Iran (1987).

OCCUPATION:

Professor of Medical Parasitology, Guilan University of Medical Sciences, Guilan Province, Rasht, Iran.

POSTAL ADDRESS:

Office:

Department of Medical Parasitology and Mycology, School of Medicine, Gilan University Complex, Kilometer 10 of Rasht-Tehran Highway, Rasht, Guilan Province, Iran. P.O.Box 3363. **(Head of Department)**

TEACHING & DIAGNOSTIC ACTIVITIES:

Twenty nine years experience in parasitology teaching for:

- 1- Medical students
- 2- Laboratory Sciences students
- 3- Nursing students
- 4- Midwifery students
- 5- Dentistry students
- 6- Pharmacy students
- 7- MSc students

Expert in diagnosis of intestinal parasites and malaria

RESEARCH LINES:

Human and animal fascioliasis (main specialty), intestinal parasites, avian trichobilharziasis.

PARTICIPATION IN CONGRESSES, CONFERENCES AND SCIENTIFIC MEETINGS.

- 1- Oral presentation in conference on new achievements of human fascioliasis in the world (emphasis on Iran, May 2007, hold in GUMS).
- 2- XI International Congress on Parasitology, Glasgow, Scotland, 2006 (3 papers, 1 oral presentation).
- 3- IX European Multicolloquium of Parasitology, 2004, Valencia, Spain. (8 papers, 4 oral presentation).
- 4- Oral presentation in the infectious diseases conference (2006).
- 5- 7th Iranian National Congress on Parasitology, NICOPA7 (10 papers).
- 6- 1st International and 8th National Iranian Congress of Parasitology, NICOPA8 (1 paper)
- 7- 2nd International and 9th National Iranian Congress of Parasitology, NICOPA9 (5 papers).
- 8- 5th International Congress of Laboratory and Clinic. Scientific Committee member.
- 9- 6th International Congress of Laboratory and Clinic. Scientific Committee and panel member
- 10- 7th International Congress of Laboratory and Clinic. Scientific Secretary of Guilan Branch. (1 oral presentation).
- 11- Scientific Secretary of 2nd International and 9th National Iranian Congress of Parasitology (NICOPA9), 2015, (5 papers).

HONOURS AND AWARDS:

- 1- First rank in the field of Health Sciences and management (Ph.D Dissertations) in 12th Razi Research Festival on Medical Sciences, (2006).
- 2- Top research project on "the effect of ingredients of some local foods on viability and infectivity of fasciola metacercariae" awarded as the best research of year 2004 in Guilan province.
- 3- Best presentation in 5th National Iranian Congress on Parasitology in the field of helminthology (2005).
- 4- First rank in the Ph.D exam in Iran (1999).

- 5- Top researcher of Guilan University of Medical Sciences for six times in six different years.
- 6- Contribution in preparation of the Report of WHO Informal Meeting on use of Triclabendazole in Fascioliasis Control, WHO headquarters, Geneva, Switzerland, 17-18 October 2006.

POSITIONS:

- 1- Board member of Iranian Society of Parasitology
- 2- Iranian Scientific Association of Clinical Laboratory, Head of Guilan Branch.
- 3- Head of Parasitology and Mycology Department, Guilan University of Medical Sciences

PUBLICATIONS:

- 1- Meysam Sharifdini, Mahan Karimi , Keyhan Ashrafi , Mostafa Soleimani and Hamed Mirjalali Prevalence and molecular characterization of *Dirofilaria immitis* in road killed canids of northern Iran. BMC Veterinary Research (2022) 18:161
- 2- Mahmoudi MR, Maleki M, Zebardast N, Rahmati B, Ashrafi K, Sharifdini M, Karanis P. Identification of *Acanthamoeba* spp. from water and soil of public parks in the north of Iran. J Water Health (2022) 20 (10): 1604–1610
- 3- Arash Pourgholaminejad, Habib Razipour, Peyman Heydarian, Keyhan Ashrafi, Zahra Atrkar Roushan, Meysam Sharifdini. A Survey on the seroprevalence of toxocarasis and related risk factors in Eosinophilic Children of Northwest Iran. African Health Sciences, 2022, 22(3): 617-625.
- 4- Peyman Heydarian, Vahid Jajarmi, Adel Spotin, Keyhan Ashrafi, Mehdi Mohebali, Mojgan Aryaeipour, Arezoo Bozorgomid, Elham Hajjalilo, Mohammad Javad, Abbaszadeh Afshar, Mandana Fadaei Tehrani, Mohammad Bagher Rokni. Molecular Characterization of Animal *Fasciola* Spp. Isolates from Lorestan Province, Western Iran. Iran J Public Health. 2022; 51(8): 1847-1856
- 5- Iraj Amir Niaye Shad, Mohammad Reza Mahmoudi, Mehdi Mohebali, Zahra Atrkar Roshan, Keyhan Ashrafi, Behnaz Akhouni, Bijan Majidi Shad. Seroepidemiological Study of Visceral Leishmaniasis (Kala-azar) in Children under 12 Years Old in North of Iran: An Observational Study in 2019-2020. Iran J Parasitol. 2022; 17(3):317-324
- 6- Keyhan Ashrafi, Maryam Atri, Farshid Saadat, Elham Hajjalilo, Behnaz Rahmati, Meysam Sharifdini *Hymenolepis diminuta* Infection in a Rural Child from North of Iran. Iran J Parasitol. 2022; 17(3):415-419

- 7- Peyman HEYDARIAN, Keyhan ASHRAFI, Bahman RAHIMI ESBOEI, Mehdi MOHE-BALI, Eshrat Beigom KIA, Mojgan ARYAEIPOUR, Arezoo BOZORGOMID, Ali CHEGENI SHARAFI, Hamid MOKHAYERI, and Mohammad Bagher ROKNI
- 8- Emerging Cases of Fascioliasis in Lorestan Province, Western Iran: Case Series Report Iran J Public Health. 2021 Jan; 50(1): 195–200. doi: 10.18502/ijph.v50i1.5087
- 9- Hedayat Hosseinnezhad, Meysam Sharifdini, **Keyhan Ashrafi**, Zahra Atrkar Roushan, Hamed Mirjalali and Behnaz Rahmati. Trichostrongyloid nematodes in ruminants of northern Iran: prevalence and molecular analysis. BMC Vet Res. 2021; 17: 371. doi: 10.1186/s12917-021-03086-3
- 10- Mehdi Pandi, Meysam Sharifdini, **Keyhan Ashrafi**, Zahra Atrkar Roushan , Behnaz Rahmati, Nayereh Hajipour. Comparison of Molecular and Parasitological Methods for Diagnosis of Human Trichostrongylosis. Front Cell Infect Microbiol, 2021 Oct 13;11:759396. doi: 10.3389/fcimb.2021.759396. eCollection 2021.
- 11- Rafat Z, **Ashrafi K**, Hashemi SJ, Sasani E, Naserani A, Sarvestani HK, Hashemi F. The mycological and molecular study of Pneumocystis jirovecii pneumonia among HIV and non-HIV immunocompromised patients hospitalized in pulmonary units in Guilan, Northern Iran. Iran J Microbiol. 2021 Aug;13(4):518-524. doi: 10.18502/ijm.v13i4.6977. PMID: 34557281.
- 12- Sasani E, Rafat Z, **Ashrafi K**, Salimi Y, Zandi M, Soltani S, Hashemi F, Hashemi SJ. Vulvovaginal candidiasis in Iran: A systematic review and meta-analysis on the epidemiology, clinical manifestations, demographic characteristics, risk factors, etiologic agents and laboratory diagnosis. . Microb Pathog. 2021 May;154:104802. doi: 10.1016/j.micpath.2021.104802. Epub 2021 Mar 16.
- 13- Nematdoost K, **Ashrafi K**, Majidi-Shad B, Kia EB, Zeinali A, Sharifdini M. Genetic Characterization of Echinococcus granulosus Sensu Lato in Livestock and Human Isolates from North of Iran Indicates the Presence of E. ortleppi in Cattle. Acta Parasitol. 2021 Jun;66(2):446-454. doi: 10.1007/s11686-020-00293-0. Epub 2020 Oct 20. PMID: 33083929
- 14- Mirzaei L, **Ashrafi K**, Atrkar Roushan Z, Mahmoudi MR, Shenavar Masooleh I, Rahmati B, Saadat F, Mirjalali H, Sharifdini M. Strongyloides stercoralis and other intestinal parasites in patients receiving immunosuppressive drugs in northern Iran: a closer look at risk factors. Epidemiol Health. 2021;43:e2021009.
- 15- **Ashrafi, K.**, Sharifdini, M., Darjani, A., Brant, S.V. Migratory routes, domesticated birds and cercarial dermatitis: The distribution of Trichobilharzia franki in Northern Iran. Parasite, 2021, 28, 2020073.

- 16- **Ashrafi K**, Brant SV. An efficient method for collecting the full-length adults, fragments, and eggs of *Trichobilharzia* spp. from the liver of definitive hosts. *Parasitol Res.* 2020; 119(3):1167-1172.
- 17- **Keyhan Ashrafi**, Meysam Sharifdini, Zahra Heidari, Behnaz Rahmati, and Eshrat Beigom Kia. Zoonotic transmission of *Teladorsagia circumcincta* and *Trichostrongylus* species in Guilan province, northern Iran: molecular and morphological characterizations. *BMC Infect Dis.* 2020; 20: 28.
- 18- Zahra Rafat, Seyed Jamal Hashemi, **Keyhan Ashrafi**, Iraj Nikokar, Alireza Jafari, Abbas Rahimi Foroushani, Behrad Roohi, Zeinab Borjian Boroujeini, Niloofar Rashidi, and Niki Najjar-Shahri. Fungal Isolates of the Respiratory Tract in Symptomatic Patients Hospitalized in Pulmonary Units: A Mycological and Molecular Epidemiologic Study. *Multidiscip Healthc.* 2020; 13: 661–669.
- 19- Arezoo FADAVI, **Keyhan ASHRAFI**, Hamid HASSANPOUR, Mohamad Bagher ROKNI, Seyyed Mostafa HOSSEINI, Arezoo BOZORGOMID, Leila HOSSEINPOUR, Faezeh NAJAFI, and Gholamreza MOWLAVI. Identification of *Fasciola* Species Using Tegumental Spines in Tissue Sections. *Iran J Public Health.* 2020 Apr; 49(4): 711–717.
- 20- Meysam SHARIFDINI, Omar M. AMIN, **Keyhan ASHRAFI**, Nader KARAMZADEH, Iraj MOBEDI, Behnaz RAHMATI, and Zahra HESARI. Helminthes in Feral Raccoon (*Procyon lotor*) as an Alien Species in Iran. *Iran J Parasitol.* 2020 Apr-Jun; 15(2): 240–247.
- 21- Mahmoudi MR, Hasani H, Tsiami A, **Ashrafi K**, Johnson P, Sharifdini M, Karanis P. Intestinal protozoan and helminthic infections among hemodialysis and cancer patients. *Parasitol Res.* 2020; 119(9):3053-3059.
- 22- Mahmoudi MR, Mahdavi F, **Ashrafi K**, Forghanparast K, Rahmati B, Mirzaei A, Atrkar Roshan Z, Karanis P. Report of *Giardia* assemblages and giardiasis in residents of Guilan province-Iran. *Parasitol Res.* 2020;119(3):1083-1091
- 23- **Ashrafi K**, Nouroosta A, Sharifdini M, Mahmoudi MR, Rahmati B, Brant SV. Genetic diversity of an avian nasal schistosome causing cercarial dermatitis in the Black Sea-Mediterranean migratory route. *Parasitol Res.* 2018 Dec;117(12):3821-3833.
- 24- Heydarian P, **Ashrafi K**, Mohebali M, Kia EB, Aryaeipour M, Chegeni Sharafi A, Mokhayeri H, Bozorgomid A, Rokni MB. Seroprevalence of Human Fasciolosis in Lorestan Province, Western Iran, in 2015-16. *Iran J Parasitol.* 2017, 12(3):389-397.
- 25- Mirzadeh A, Valadkhani Z, Yoosefy A, Babaie J, Golkar M, Esmaili Rastaghi AR, Kazemi-Rad E, **Ashrafi K**. Expression, purification and in vitro refolding of the recombinant truncated Saposin-like protein 2 antigen

- for development of diagnosis of human fascioliasis. *Acta Trop.* 2017; 171:163-171. doi: 10.1016/j.actatropica.2017.03.002.
- 26- Saeidinia A, Tavakoli I, Naghipour MR, Rahmati B, Ghavami Lahiji H, Salkhori O, **Ashrafi K**. Prevalence of *Strongyloides stercoralis* and Other Intestinal Parasites among Institutionalized Mentally Disabled Individuals in Rasht, Northern Iran. *Iran J Parasitol.* 2016; 11(4):527-533.
- 27- **Ashrafi K**. The status of human and animal fascioliasis in Iran: A narrative review. *Iran J Parasitol*, 2015, 10(3):306-328.
- 28- **Ashrafi K**, Tahbaz A, Sharifdini M, Mas-Coma S. Familial *Trichostrongylus* Infection Misdiagnosed as Acute Fascioliasis. *Emerg Infect Dis.* 2015 Oct;21(10):1869-70. doi: 10.3201/eid2110.141392.
- 29- Sharifdini M, Mirhendi H, **Ashrafi K**, Hosseini M, Mohebbali M, Khodadadi H, Kia EB. Comparison of Nested Polymerase Chain Reaction and Real-Time Polymerase Chain Reaction with Parasitological Methods for Detection of *Strongyloides stercoralis* in Human Fecal Samples. *Am J Trop Med Hyg.* 2015 Sep 8. pii: 15-0309. [Epub ahead of print]
- 30- **Ashrafi K**, Saadat F, O'Neill S, Rahmati B, Amin Tahmasbi H, Dalton JP, Nadim A, Asadinejad M, Rezvani SM. The endemicity of human fascioliasis in Guilan province, Northern Iran: the baseline for implementation of control strategies. *Iran J Public Health.* 2015, 44(4):501-511
- 31- **Ashrafi K**, Valero MA, Peixoto RV, Artigas P, Panova M, Mas-Coma S. Distribution of *Fasciola hepatica* and *F. gigantica* in the endemic area of Guilan, Iran: Relationships between zonal overlap and phenotypic traits. *Infect Genet Evol.* 2015 Jan 17. pii: S1567-1348(15)00013-1. doi: 10.1016/j.meegid.2015.01.009. [Epub ahead of print]
- 32- **Ashrafi K**, Bargues MD, O'Neill S, Mas-Coma S. Fascioliasis: A worldwide parasitic disease of importance in travel medicine. *Travel Med Infect Dis.* 2014, 12:636-649. doi: 10.1016/j.tmaid.2014.09.006
- 33- **Ashrafi K**, Mas-Coma S. *Fasciola gigantica* transmission in the zoonotic fascioliasis endemic lowlands of Guilan, Iran: experimental assessment. *Vet Parasitol.* 2014, 205:96-106 doi: 10.1016/j.vetpar.2014.07.017.
- 34- Sharifdini M, Kia EB, **Ashrafi K**, Hosseini M, Mirhendi H, Mohebbali M, Kamranrashani B. An analysis of clinical characteristics of *strongyloides stercoralis* in 70 indigenous patient in Iran. *Iranian J Parasitol*, 2014, 9(2):155-162
- 35- Rokni MB, Lotfy WM, **Ashrafi K**, Darwin Murrell. Fascioliasis in Mena Region. In: McDowell MA and Rafati S editors. *Neglected tropical Diseases*. Springer-Verlag Wein publishing, 2014, p. 59-90

- 36- Bargues MD, Artigas P, Khoubbane M, Flores R, Glöer P, Rojas-Garcia R, **Ashrafi K**, Falkner G, Mas-Coma S. *Lymnaea schiraziensis*, an overlooked snail distorting fascioliasis data: genotype, phenotype, ecology, worldwide spread, susceptibility, applicability. PLoS ONE, 2011, vol. 6, issue 9: 1-33.
- 37- Mahmoudi MR, **Ashrafi K**, Abedinzadeh H, Tahvildar-Bideruni F, Haghighi A, Bandehpour M, Taghipour Lailabadi, B Kazemi. Development of sensitive detection of *Cryptosporidium* and *Giardia* from surface water in Iran. Iranian Journal of Parasitology. 2011, 6(3):43-51.
- 38- Rahimi MT, **Ashrafi K**, Koosha S, J Abdi, Rokni MB. Evaluation of Fast-ELISA versus standard ELISA to diagnose human fascioliasis. Archives of Iranian Medicine. 2011, 14(1):18-21.
- 39- **Ashrafi K**, Tahbaz A, Rahmati B. *Strongyloides stercoralis*: the most prevalent parasitic cause of eosinophilia in Gilan province, northern Iran. Iranian Journal of Parasitology. 2010, 5(3):40-47.
- 40- **Ashrafi K**, Golchay J, Geranmayeh S. Human subcutaneous dirofilariasis due to *Dirofilaria (Noctiella) repens*: clinically suspected as cutaneous fascioliasis. Iranian J Publ Health, 2010, 39(1):105-109.
- 41- **Ashrafi K**. Human dirocoeliasis in northern Iran: two case reports from Gilan province. Annals of Tropical Medicine & Parasitology, 2010, 104(4):351-353.
- 42- Mowlavi Gh, Mamishi S, Rokni MB, Mobedi I, Gharaguzlo MJ, **Ashrafi K**, Mas-Coma S. Neglected human fascioliasis case in a visceral leishmaniasis endemic area, north-western Iran. Iranian Journal of Public Health. 2010, 39(3):129-131.
- 43- Periago MV, Valero MA, El Sayed M, **Ashrafi K**, El Wakeel A, Mohammed MY, Desquesnes M, Curtale F, Mas-Coma S. First phenotypic description of *Fasciola hepatica*/*Fasciola gigantica* intermediate forms from the human endemic area of the Nile Delta, Egypt. Infection, Genetics and Evolution. 2008, 8:51-58.
- 44- . **Ashrafi K**, Massoud J, Holakouei Naeini K, Joafshani MA, Mahmoodi M, Ebadati N, Rezvani SM, artigas P, Bargues MD, Mas-Coma S. Nuclear ribosomal DNA ITS-2 sequence characterization of *Fasciola hepatica* and *Galba truncatula*. Iranian Journal of Public Health. 2007, 36(4):42-49.
- 45- **Ashrafi K**, Valero MA, panova M, Periago MV, Massoud J, Mas-Coma S. Phenotypic analysis of adults of *Fasciola hepatica*, *F. gigantica* and intermediate forms from the endemic region of Gilan, Iran. Parasitology International. 2006, 55; 249-260.
- 46- **Ashrafi K**, Valero MA, Massoud J, Sobhani A, Solaymani-Mohammadi S, Conde P, Khoubbane M, Bargues MD, Mas-Coma S. Plant-borne human

contamination by fascioliasis. American Journal of Tropical Medicine and Hygiene. 2006, 75(2): pp. 295-302.

- 47- **Ashrafi K**, Valero MA, Forghan-Parast K, Rezaeian M, Shahtaheri SJ, Hadiani MR, Bargues MD, Mas-Coma S. Potential transmission of human fascioliasis through traditional local foods in northern Iran. Iranian Journal of Public Health. 2006, 35(2); pp. 57-63. (<http://ijph.ir>)
- 48- **Ashrafi K**, Massoud J, Holakuei Naieni K, Mahmoodi M, Jo-Afshani MA, Valero MA, Fuentes MV, Khoubbane M, Artigas P, Bargues MD and Mas-Coma S. Evidence suggesting that *Fasciola gigantica* may be the most prevalent causal agent of fascioliasis in the endemic province of Gilan, northern Iran. Iranian Journal of Public Health, 2004, Vol 33 (4); pp 31-37. (<http://ijph.ir>)
- 49- Solaymani-Mohammadi S, Mobedi I, Rezaian M, Massoud J, Mohebbali, HooshyarnH, **Ashrafi K**, Rokni MB. Helminth parasites of the wild boar *M. Sus scrofa*, in Luristan province, western Iran and their public health significance. Journal of Helminthology, 2003,77(3); 263-267.
- 50- Forghan-Parast K and **Ashrafi K**. Comparison of Formalin-Ether and Kato-Katz methods in the parasitological diagnosis of human fascioliasis. Medical Faculty Journal of Gilan University of Medical Sciences. 2001, 9 (35 & 36); 1-6.
- 51- **Ashrafi K**, Massoud J. Study of intestinal parasitic infections in Kangavar district, Kermanshah province, western Iran. Medical Faculty Journal of Gilan University of Medical Sciences. 1994, 5:28-61.

PAPERS PRESENTED IN CONGRESSES:

- 1- **Ashrafi K**. Fascioliasis: new epidemiological aspects, transmission patterns and sources of infections in human endemic areas. 4th International & 11th National Congress of Parasitology & Parasitic Diseases of Iran. 2019, Urmia.
- 2- Arezoo FADAVI, **Keyhan ASHRAFI**, Gholamreza MOWLAVI Hamid HASSANPOUR, Mohamad Bagher ROKNI, Seyyed Mostafa HOSSEINI, Arezoo BOZORGOMID, Leila HOSSEINPOUR, Faezeh NAJAFI, Microanatomical identification of Helminths in Tissue sections with focus on fascioid worms. 4th International & 11th National Congress of Parasitology & Parasitic Diseases of Iran. 2019, Urmia.
- 3- Mahmoudi MR, Hasani H, **Ashrafi K**, Sharifdini M, B. rahmati. Intestinal protozoan among immunocompromised and immunocompetent individuals in Gilan. 4th International & 11th National Congress of Parasitology & Parasitic Diseases of Iran. 2019, Urmia.

- 4- **Ashrafi K.** Morphometric analysis of *Fasciola hepática*, *Fasciola gigantica* and intermediate forms: review of studies in Iran. 3rd International and 9th National Iranian Congress of Parasitology, Shiraz University of Medical Sciences, 1-3 Nov. 2017.
- 5- **Ashrafi K.** Human fascioliasis in Iran: current status. Asian Neglected Tropical Disease Conference, NTDs without borders: from bench to community, 8-9 March 2017, Pullman Raja Orchid, Khon Kaen, Thailand.
- 6- **Ashrafi K**, Sharifdini M, Kia EB, Mikaeili F. Molecular identification of *Teladorsagia circumcincta* isolated from human in Guilan province, northern Iran: the first global report. 2nd International and 9th National Iranian Congress of Parasitology. 20-22 May 2015. Proceeding; Iranian J of Parasitology.
- 7- Sharifdini M, Mirhendi H, **Ashrafi K**, Hosseini M, Mohebbali M, Khodadadi H, Kia EB. Comparison of Nested Polymerase Chain Reaction and Real-Time Polymerase Chain Reaction with Parasitological Methods for Detection of *Strongyloides stercoralis* in Human Fecal Samples. 2nd International and 9th National Iranian Congress of Parasitology. 20-22 May 2015. Proceeding; Iranian J of Parasitology.
- 8- **Ashrafi K**, Valero MA, Peixoto RV, Artigas P, Panova M, Mas-Com S. Quantification of the different developmental courses of *Fasciola hepática* and *Fasciola gigantica* in various host species in a zonal overlap endemic area of northern Iran. 2nd International and 9th National Iranian Congress of Parasitology. 20-22 May 2015. Proceeding; Iranian J of Parasitology.
- 9- Ghavami Lahiji H, Saeidinia M, Tavakoli I, Rahmati B, Salkhori O, **Ashrafi K**. Prevalence of intestinal parasites in patients of rehabilitation centers, Rasht, 2012-2013. 2nd International and 9th National Iranian Congress of Parasitology. 20-22 May 2015. Proceeding; Iranian J of Parasitology.
- 10- **Ashrafi K**, Sharifdini M, Mahmoodi MR, Rahmati B, Heidari Z, Kia EB. Molecular characterization of *Trichostrongylus colubriformis* and *T. vitrinus* isolated from human in Guilan province: the first report in Iran. 2nd International and 9th National Iranian Congress of Parasitology. 20-22 May 2015. Proceeding; Iranian J of Parasitology.
- 11- **Ashrafi K.** The epidemiology of human fascioliasis in Guilan province and evaluating the recent reports on new foci of human disease in Iran: an update. 2nd International and 9th National Iranian Congress of Parasitology. 20-22 May 2015. Proceeding; Iranian J of Parasitology.
- 12- **Ashrafi K**, Saadat F, Rahmati B. *Evaluation the level of endemicity of human fascioliasis in rural communities of Bandar-e-Anzali: an important step for implementation of disease control programs.* 1st Internatinal & 8th National

Congress of Parasitology and Parasitic Diseases (NICOPA8) in Iran. Kerman University of Medical Sciences 16-18 October 2012.

- 13- Amintahmasbi H, **Ashrafi K**, Asmar M, Rahmati B. *Evaluation of the endemicity of human fascioliasis in Anzali City using a community based study*. 7th National and 2nd Regional Congress of Parasitology and Parasitic Diseases (NICOPA7) in Iran. Tehran University of Medical Sciences. 19-21 October 2010.
- 14- **Ashrafi K**, Rahmati B, Tahbaz A. *Strongyloides stercoralis; the most prevalent parasitic cause of eosinophilia in Gilan province, northern Iran*. 7th National and 2nd Regional Congress of Parasitology and Parasitic Diseases (NICOPA7) in Iran. Tehran University of Medical Sciences. 19-21 October 2010.
- 15- **Ashrafi K**. *Human dicrocoeliasis in Iran: report of two cases from Gilan province*. 7th National and 2nd Regional Congress of Parasitology and Parasitic Diseases (NICOPA7) in Iran. Tehran University of Medical Sciences. 19-21 October 2010.
- 16- **Ashrafi K**. *Fascioliasis and intestinal parasitic infections in rural school-children of Bandar-Anzali district: a focus finding study*. 7th National and 2nd Regional Congress of Parasitology and Parasitic Diseases (NICOPA7) in Iran. Tehran University of Medical Sciences. 19-21 October 2010.
- 17- Mahmoodi M, Kazemi B, **Ashrafi K**, Haghghi A, Jahantab S, Raeisian Z. *Separation of Giardia from surface waters of Rasht City using filtration and immunofluorecent methods*. 7th National and 2nd Regional Congress of Parasitology and Parasitic Diseases (NICOPA7) in Iran. Tehran University of Medical Sciences. 19-21 October 2010.
- 18- Mahmoodi M, Kazemi B, **Ashrafi K**, Haghghi A, Eftekhar M, Jahantab S. *Acanthamoeba and Cryptosporidium in surface waters of Rasht City*. 7th National and 2nd Regional Congress of Parasitology and Parasitic Diseases (NICOPA7) in Iran. Tehran University of Medical Sciences. 19-21 October 2010.
- 19- **Ashrafi K**, Massoud J, Holakouei Naeni K, Jo-Afshani MA, Mahmoodi M, Ebadati N, Rzvani SM, Artigas P, Mas-Coma S. *Natural infection of Galba truncatula with Fasciola hepaticain mountanous areas of Gilan province using molecular tools*. The sixth National and the first Regional Congress on Parasitology and Parasitic Diseases (NICOPA6). 27-29 May 2008, Karaj, Iran.
- 20- **Ashrafi K**, Valero MA, Panova M, Periago MV, Massoud J, Mas-Coma S. *The first international report of Fasciola intermediate forms from Gilan province using morphometric studies*. The sixth National and the first Regional Congress on Parasitology and Parasitic Diseases (NICOPA6). 27-29 May 2008, Karaj, Iran.

- 21- **Ashrafi K**, Valero MA, Panova M, Periago MV, Massoud J, Mowlavi G and Mas-Coma S. *Morphometric patterns in fasciolid adults from Bovines in the endemic area of Gilan, Iran*. XI international on Parasitology, 6-11 August 2006, Glasgow Scotland.
- 22- **Ashrafi K**, Massoud J, Mowlavi G and Mas-Coma S . *The causal agent of human fascioliasis in the endemic zone of Gilan province, northern Iran*. XI international on Parasitology, 6-11 August 2006, Glasgow Scotland.
- 23- Mowlavi GR, Massoud J, Mamishi S, Gharaguzlo MJ, **Ashrafi K**, Mas-Coma S. *A neglected human fascioliasis case in a visceral leishmaniasis endemic area in north-western Iran*. XI international on Parasitology, 6-11 August 2006, Glasgow Scotland.
- 24- **Ashrafi K**, Valero MA, Massoud J, Sobhani AR, Rezaeian M, Shahtaheri SJ, Solaymani-Mohammadi S, Fuentes MV, Bargues MD, Mas-Coma S. *Potential fascioliasis human contamination through traditional local foods prepared with fresh wild plants in an endemic area of Guilan province, northern Iran*. In: Abstract book of the 9th European Multicolloquium of Parasitology, No, 425: 265. 18-23 July 2004, Valencia, Spain.
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