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Mohammad Hassan Davami M.s., M.Phil, Ph.D.

Associated Professor of Immunoparasitology
School of Medicine

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Current Position

Head of Department: Medical Parasitology and Mycology
Chief Editor: Journal of Education and Ethics
Head of Department: Medical Technology.

Membership

Iranian Society for Immunology and Allergy
Iranian Society for Medical Parasitology
Fars society for Internal Medicine

Previous Employment

Vice-Chancellor of Education, Research and Student-Cultural Affairs,
Jahrom University of Medical Sciences (2004-2005),
Islamic Republic of Iran

Arak University of Medical Sciences (1988-2004)
Islamic Republic of Iran

Education

Ph.D: Immunology (parasitology) (1994-97)
London University.
London, England.

M.Phil: Immunology (1993-94)
London University.

England.

M.Sc.: Medical Parasitology (1985-87)
Tehran University of Medical Sciences,
Islamic Republic of Iran

M.Sc. Student: Cellular and Molecular Biology (1979-1980)

IBB, Tehran University

Islamic Republic of Iran

Select Publications

I. Journals

1. Bahrlou R, **Davami MH***, Vasmejani AA and Ebrahimi M. Increased IL-17 and TGF- β serum levels in peripheral blood of patients with β -thalassemia major: implication for continual transfusions role in T helper 17-mediated pro-inflammatory responses. *Turkish Journal of Medical Sciences* 2016; In Pres.
2. Baharlou R, **Davami MH***, Dezhkam I and et al. Elevated IL-17 and TGF- β serum levels: a positive correlation between T-helper cell 17-related pro-inflammatory responses with major depressive disorder *Basic and Clinical Neuro Science* 2016. In Press.
3. **Davami** MH, Pourahmad M, Baharlou R, , Sotoodeh AR, Vasmejani AA, Soolhjo K, Fallah HR and Kalantari M. Seroepidemiology of Toxoplasma infection in blood donord in Jahrom District, Southern Iran. *Asian Pac J Trop Biomed* 2015; 1-5.
4. Kargar Jahromi Z, **Davami MH***, Solhjo K, Khajei M, Kargar Jahromi H. Prevalence of *Cryptosporidium parvum* infection in adult with acute diarrhea referred to clinical laboratories in Jahrom City by Nested PCR. *Jahrom University of Medical Sciences Journal*. 2016. [Persian]
5. Kargar Jahromi Z, Solhjo K*, **Davami MH**, Abiri R, Kargar Jahromi H. Investigation of *Cryptosporidium* Infection in children with acute diarrhea referring to diagnostic clinical laboratory in Jahrom during 2014. *Jahrom University of Medical Sciences Journal*. 2016. [Persian]

6. Rohi Jahromi R, Davami MH and Hourang HA. Internal assesement of the Department of Microbiology, Jahrom University of Medical Sciences. *Journal of Education and Ethics in Nursing* 2015; 4 (4): 11-18. [Persian]
7. Davami MH, Dezhkam L, Abbaszadeh Jahromi M3*. The Position of Experimental Method in Medical Ethics Methodology. *Sadra Medical Sciences Journal* 2015; 3(3): 221-226. [Persian]
8. Davami MH, Motazedian MH, Kalantari M, Asgari Q, Mohammadpour I, Jahromi ARS, Solhjoo K, Pourahmad M. Molecular survey on detection of Leishmania infection in rodent Reservoirs in Jahrom District, Southern Iran. *Arthropod-Borne Dis*, December 2014, 8(2): 139-146.
9. Hafez AH, Vasmehjani AA, Baharlou R, Mousavi Nasab SD, Davami MH* and et al. Analytical Assessment of Interleukin - 23 and -27 Cytokines in Healthy People and Patients With Hepatitis C Virus Infection (Genotypes 1 and 3a). *Hepatitis Monthly* 2014 September; 14(9): 101-107.
10. Honarmand A, Pourahmad M*, Solhjoo K, Kohan M, Davami MH, Mostafavi Zadeh SK. Occult hepatitis B demonstrated by anti-HBc and HBV DNA in HIV-positive patients. *Reports of Biochemistry & Molecular Biology* Oct 2014; Vol. 3, No. 1: 1-5.
11. Jahromi AS, Davami MH and et al. Natural immunity against *Haemophilus influenza* TypeB in splenectomized Beta-thalassemia children. *Pakistan Journal of Biological Sciences* 2014; 17 (11): 1190-94.
12. Sarkari B, Gadami, Shafiei, Motazedian, Sedaghat, Kasraian, Tavasoli, Zarnegar, Nikmanesh, Davami MH (Correspond). Seroprevalence of Leishmania infection among the healthy blood donors in kalaazar endemic areas of Iran. *Journal of Parasitic Diseases* 2013
13. Davami MH, Sotoodeh AR and Pourahmad M. Seroepidemiology of Toxoplasma gondii infection among young women in Jahrom. *East Mediterranean Health Journal* 2013; 19 (S2): 464-468.
14. Davami MH, Motazedian MH, Badzohre A, Mohammadzadeh I, Asgari Q and Kalantari M. First molecular-based characterization of Leishmania major within naturally infected Phlebotomus salehi (Diptera; Psychodidae) in Fars province, southern Iran. *Ann Trop Med Parasit* 2011; 105 (7): 485- 491.

15. **Davami** MH, Motazedian MH and Sarkari B. Changing in the profile of Leishmaniasis in a focus of cutaneous leishmaniasis in Jahrom, south of Iran. *Ann Trop Med Parasit* 2010; 104(5): 377-82.
16. Sotoodeh AR, **Davami** MH, et al. Interleukin-10, Mean Arterial Blood Pressure and Insulin Resistance in Normal Pregnancy. *J Biol Sci.* 2011. 11 (3):84-9.
17. Pourahmad M, **Davami** MH and Sotoodeh AR. Evaluation of anti-varicella antibody in young women before their marriage: a sero-epidemiology study in Iran. *Journal of Clinical Virology* 2010; 48: 260-3.
18. Emamghorashi, F, **Davami** MH and Rohi R. Hypercalciuria in Jahrom's school-age children. What is normal calcium-creatinine ratio? *Iranian Journal of Kidey Diseases* 2010; 4: 112-115.
19. Ghanizadeh A, Namazi MR and **Davami** MH. G6PD deficiency as a predisposing factor for attention deficit/hyperactivity disorder: a hypothesis. *Archive of Medical Research* 2010;
20. **Davami** MH, Bancroft GJ and McDonald V. Cryptosporidium infection in major histocompatibility complex congenic strains of mice: variation in susceptibility and the role of T-cell cytokine responses. *Parasi Res* 1997; 83: 257-263.
21. **Davami**, MH and McDonald V. The role of T-helper 1 & 2 cytokines and major histocompatibility complex in susceptibility of inbred strains of mice to *C. muris* infection. *Immunology* 1995; 86 (S1): 137.
22. **Davami**, MH and McDonald V. The role of B-cells in the development of immunity to *Cryptosporidium* infection. *Medical Journal of Islamic Republic of Iran* 1999; 13:92.
23. **Davami**, MH and Fatahi F. "Hydatid cysts in Markazi province, Iran", *Rahavard Danesh, J AUMS* 1997; 1: 12-15. [Persian]
24. **Davami**, MH, Mahdavi A and Mosayebi M. Parasitic infection of vegetables in Arak". *Rahavard Danesh, J AUMS* 2000; 4:18-23. [Persian]
25. **Davami**, MH, Moini L and Rafii M. "Evaluation of principles considerations in the dissertations of medical students submitted at AUMS 1994 - 2000". *Rahavard Danesh, J AUMS* 2001; 5(3): 23-31. [Persian]
26. Talari A, **Davami**, MH and Valibeg R. "Giardia infection in Arak primary school students". *Rahavard Danesh, J AUMS* 2001; 5 (4): 19-25.[Persian]
27. Hekmatpoo D, **Davami**, MH. "Effect and role of health education, Priced Model, on parasitic infections among ladies in Arak". *Hakim* 2002; 6: 25-31. [Persian]

28. **Davami**, MH, Khazai MR, Eslamirad Z, Modaresi M, Mostofi M. "Prevalence of intestinal parasitic infections in children (1-13 years) in Shahrak Valiasr Arak". *Rahavard Danesh, J AUMS* 2002; 6 (3); 5-10. [Persian]
29. **Davami**, MH,, Hekmatpoo D, Didgar F, Rafii M and Khazai MR. "Prevalence of intestinal parasitic infections among mothers referred to Arak Health Centers." *Rahavard Danesh, J AUMS* 2002; 6 (4): 11-16. [Persian]
30. **Davami**, MH, Milani M, Khazai MR and Rafii M. "Prevalence of intestinal parasitic infections in food handlers in Arak (Iran)." *J JUMS* 2006; 3 (3); 8-15. [Persian]
31. Poor Saadat L, Jamshidi Fard AR, **Davami** MH. "Effect of direct electricity current on water infected with Giardia lamblia". *J Med Res Shiraz Univ Med Sc* 2004; 1(3): 70-65.[Persian]
32. **Davami** MH, Kiani A, Salimi M and Farhadi E. "Myiasis on the scalp by *Chrysomya bezziana*". *Ir J Dermat* 2004; 7 (3): 43-47.[Persian]
33. **Davami** MR, Roohi R and Sadeghi AR. "Prevalence of intestinal parasitic infections in children of 7-15 years old in Jahrom (Iran) during". *J JUMS* 2008; 6 (6): 55-64.[Persian].
34. Poor Saadat L, Jamshidi Fard AR, **Davami** MH. Effect of direct electricity current on water infected with Giardia Lamblia . *J Med Res Shiraz Univ Med Sc* 2004; 1(3): 70-65.
35. **Davami** MH, Kiani A, Salimi M and Farhadi E. Myiasis on the scalp by *Chrysomya bezziana*. *Ir J Dermat* 2004; 7 (3): 43-47.
36. **Davami** MH, Roohi R and Sadeghi AR. Prevalence of intestinal parasitic infections in children of 7-15 years old in Jahrom (Iran) during 2006-7 and the demographic factors. *J Jahrom Univ Mei Sci* 2008; 6 (6): 55-64.

II. Books

- **Davami** MH. Immunity to parasites. 2000. Translation from English to Persian. Author: D. Wakeline. Publication Office. Arak University of Medical Sciences.
- **Davami** MH. Guideline and Educational Atlas for Medical Parasitology. 1990. Published by Author. Arak University of Medical Sciences.
- **Davami** MH, Eslami Z. Medical Parasitology: Practical Technics and Atlas. 2003. Publication Office. Arak University of Medical Sciences.

Presentations

1. **Davami** MH, . 2015. Barcelona, **Spain**. International congress of European Psychiatry.
2. **Davami** MH, . 2014. Beijing, **China**. International congress of Paediatric Infections.
3. **Davami** MH, . 2013. **Malaysia**. International congress Tropical Medicine.
4. **Davami** MH, . 2012. **Romania**. International congress of Parasitology, ICOPA
5. **Davami** MH, Motazedian MH and Kalantari M. First molecular-based characterization of *Leishmania major* within naturally infected *Phlebotomus salehi* (Diptera; Psychodidae) in Fars province, southern Iran. 2011. In: Proceeding of the 5th Ditan Intenational Conference on Infectious Diseases. Beijing, **China**.
6. **Davami** MH and Farjam MR. Serum Level of Trace Elements, Iron, Copper and Zinc among *Giardia lamblia*-Infected Children. 2010. In: Proceeding of the 12th International congress of Parasitology, ICOPAXII . Melbourne, **Australia**.
7. **Davami** MH and Pourahmad M. Seroepidemiology of *Toxoplasma gondii* infection among young women in Jahrom during 2006-7. 2009. In: Proceeding of the 6th European Congress on Tropical Medicine and International Health. 2009. Verona, **Italy**.
8. **Davami** MH, Motazedian MH. 2009. Molecular epidemiology of cutaneous leishmaniasis in Jahrom, Iran. 2009. In: Proceeding of the 4th Worldleish congress on leishmaniasis. Lucknow, **India**.
9. **Davami** MH and Farjam MR. Serum Level of Trace Elements, Iron, Copper and Zinc among *Giardia lamblia*-Infected Children. 2011. In: the Proceeding of 4th International congress of Biochemistry and Molecular Biology. **Mashhad**, Iran.
10. **Davami**, MH and McDonald V. Role of B cells in Cryptosporidium infection in man. 1996. In: Proceeding of the British Society for Immuology. University of **South Hampton. England**.
11. **Davami**, M H and McDonald V. Susceptibility of inbred mice to Cryptosporidium muris infection is in part determined by the MHC (H-2) haplotype. P. 80. 1995. In: Proceeding of the British Society for Parasitology. University of **Edinburgh. Scotland**.
12. Davami, MH and McDonald V. Role of Th1 and Th2 cytokines in susceptibility of congenic mice to Cryptosporidium infection. 1995. In: Proceeding of the 9th International congress of Immunology. **San Francisco . USA**.
13. **Davami**, MH and McDonald V. The role of murine histocompatibility complex to Cryptosporidium muris infection. 1994. In: Proceeding of the 3rd workshop on Opportunistic Protozoan Pathogens. P. 74. Society of Protozoologists. **Cleveland State University. U.S.A.**

Skills:

Familiar with more than twenty Laboratory and Diagnostic Techniques such as:

PCR

DNA and RNA extraction

CCIEP

Western Blotings

ELISA

RIA
Animal Handling
Flow Cytometry (FACS)

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مدیر گروه آنکس شناسی
۱۳۹۲