#### **SOHEILA ROUHANI**

# (Curriculum Vitae)

نام: سهيلا

نام خانوادگی: روحانی کلاگری

محل تولد: سارى

تاریخ تولد: ۱۳۳۳/۲/۲۳

وضُعيت تاهل: متاهل

رُتبه آکادمیک: استاد

آدرس محل کار: گروه انگل شناسی و قارچ شناسی، دانشکده پزشکی، دانشگاه علو پزشکی شهید بهشتی

تلفن:

محل کار: ۲۳۸۷۲۵۶۴

موبايل:

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مدارک تحصیلی:

۱ - دکترای دامپزشکی

MPH -Y

۳- دکترای تخصصی انگل شناسی ( PhD)

عنوان پایان نامه دکترای تخصصی انگل شناسی:

مطالعات تجربي فاسيو لا ژيگانتيكا در حيوانات آزمايشگاهي و حلزون ميزبان واسط

#### **SOHEILA ROUHANI**

(Curriculum Vitae)

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#### Work Address:

Shahid Beheshti University of Medical Sciences, Tehran, Iran

Tel: 098 21 23872564

Email: srouhani11@sbmu.ac.ir Email: srouhani11@yahoo.com

## **EDUCATION**

**PhD in Parasitology**, Department of Parasitology and Mycology, School of Public Health, Tehran University of Medical Sciences, Tehran, Iran 1982 – 1987.

**MPH** (Master of Public Health), School of Public Health, Tehran, University of Medical Sciences, Tehran, Iran 1981.

**DVM** -- **D**octor of **V**eterinary **M**edicine, School of Veterinary Science, Tehran University, Tehran, Iran 1973 –1979.

# PROFESSIONAL EXPERIENCES

Professor, Dept. of Parasitology & Mycology, Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran (2014 to Present)

- Teach at the Faculty of Medicine, Pharmaceutical, and Dentistry Schools.
- Teach PhD students at the Faculty of Medicine, Dept. of Parasitology.
- Teach MSc students at the Faculty of Medicine, Dept. of Parasitology.
- Advised parasitology students in Master and PhD programs for 28 years.
- Member of Research Committee, Faculty of Medicine, Dept. of Parasitology and Mycology.
- Member of the Teaching Learning Council, Faculty of Medicine, Dept. of Parasitology and Mycology.
- Supervise, consult, and referee students for their thesis and dissertations.

# Associate Professor, Dept. of Parasitology, Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran (1998-2013)

- Teach at the Faculty of Medicine and Pharmaceutical Schools.
- Teach MSc students at the Faculty of Medicine, Dept. of Parasitology.
- Taught parasitology courses for the MPH students at the School of Public Health for 3 years.
- Advise students in the field of parasitology at Master program for 18 years.
- Chair of Research Committee, Faculty of Medicine, Dept. of Parasitology and Mycology for 2 years.
- Member of the Teaching Learning Council, Faculty of Medicine, Dept. of Parasitology and Mycology.
- Supervise, consult, and referee students for their thesis.

# Asistant Professor, Dept. of Parasitology, Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran (1988-1998)

- Teach at the Faculty of Medicine and Pharmaceutical Schools.
- Teach MSc students at the Faculty of Medicine, Dept. of Parasitology.
- Taught parasitology courses for the pathology residents at the School of Medicine for 1 year.
- Taught PhD students for laboratory sciences at the Faculty of Paramedical School for 3 years.
- Taught nursing students at the Faculty of Medicine for 2 years.
- Advise students in the field of parasitology at Master program for 4 vears.
- Chair of Research Committee, Faculty of Medicine, Dept. of Parasitology and Mycology for 4 years.
- Member of the Teaching Learning Council, Faculty of Medicine, Dept. of Parasitology and Mycology.
- Supervise, consult, and referee students for their thesis.

# **PUBLICATIONS**

# **Original Articles:**

Badir zadeh, Saber Raeghi, **Soheila Rouhani\***, "Cryopreservation of Echinococcus granulosus protoscoleces". *Iranian* 

"Cryopreservation of Echinococcus granulosus protoscoleces". *Iranian Journal of Public Health*, 2020

S Aghamolaei, B Kazemi, M Bandehpour, MM Ranjbar, **S Rouhani**... Design and expression of polytopic construct of cathepsin-L1, SAP-2 and FhTP16.5 proteins of *Fasciola hepatica*, *Journal of Helminthology* 2020

Sahar Ghodsian, **Soheila Rouhani\***, Shirzad Fallahi, Seyyed javad Seyyed-Tabaei Niloofar Taghipour

Detection of spiked Fasciola hepatica eggs in stool specimens using LAMP technique.

Iranian Journal of Parasitology, July- septembre 2019

Saber Raeghi, **Soheila Rouhani** \*, Majid Fasihi Harandi, Adel Spotin Sahar Ghodsian

Molecular phylogenetic variability of Fasciola gigantica in Iran. *Iranian Journal of Public Health*, 2019

Adel Spotin, Belgees Boufana, Ehsan Ahmadpour, Adriano Casulli, Mahmoud Mahami-Oskouei, **Soheila Rouhani**, Amirreza Javadi-Mamaghani, Firooz Shahrivar, Paria Khoshakhlagh

<u>Assessment of the global pattern of genetic diversity in Echinococcus multilocularis inferred by mitochondrial DNA sequences</u> *Veterinary parasitology*, 2018

Maryam Karimi, Reza Ghasemikhah, Hadi Mirahmadi, Adel Spotin, **Soheila Rouhani**, Seyyed Javad Seyyed Tabaee

<u>Discrimination of mixed infections of echinococcus species based on in silico sequence analysis: A new way of reflecting overlapped strains in indigenous areas *Archives of Clinical Infectious Diseases*, 2017</u>

S. Rouhani\*, S Raeghi, A, Spotin Spermatogenic and Phylo-molecular Characterizations of Isolated *Fasciola* Spp. From Cattle, North West Iran. *Pakistan journal of biological sciences*: PJBS, 2017 Jafari Z, **Rouhani S** \*, Niyyati M, Kamalinejad M, Zayeri F Invitro effectiveness of Punica granatum Aqueous Extract on Viability of Echinococcus granulosus Protoscolex *Journal of North Khorasan University of Medical sciences*, 9(1) 2017: 65-74

Vahid Fallah Omrani, **Soheila Rouhani**, Bahram Kazemi, Seyyed Javad Seyyedtabaei, Farnaz Kheirandish, Maysam Rezapour Seroprevalence of IgG Antibodies against Echinococcus granulosus by ELISA Method Using Recombinant Agb in Lores- tan Province, Western Iran. *Iran J Public Health*, 46(8) 2017:1132-1138

Soheila Rouhani, Saber Raeghi, Hadi Mirahmadi, Majid Fasihi Harandi, Ali Haghighi, Adel Spotin.

Identification of *Fasciola* spp. in the East of Iran, Based on the Spermatogenesis and Nuclear Ribosomal DNA (*ITS1*) and Mitochondrial (*ND1*) Genes

Archives of Clinical Infectious Diseases, 2017 April; 12(2):e57283.

Karimi M, Rostami A, Spotin A, **Rouhani S\*.**Ruptured pulmonary hydatid cyst: a case report. *Journal of Parasitic Diseases*. 2017 Sep 1; 41(3):899-902.

# Rouhani S\*, Raeghi S, Spotin A.

Spermatogenic and Phylo-molecular Characterizations of Isolated Fasciola Spp. From Cattle, North West Iran. *Pakistan journal of biological sciences*: PJBS. 2017; 20(4):204-9.

Arzamani K, **Rouhani S**, Mousazadeh-Mojarrad A, Sedeghi S, Rostami M, Raeghi S.

Identification of zoonotic parasites isolated from Stray Dogs in Bojnurd County located in North-East of Iran. *Novelty in Biomedicine*. 2016 Oct 30; 4(4):185-8.

# Nabie R, Spotin A, Rouhani S.

Subconjunctival setariasis due to Setaria equina infection; a case report and a literature review. *Parasitology international*. 2017 Feb 1; 66(1):930-2.

Raeghi S, Haghighi A, Harandi MF, Spotin A, Arzamani K, **Rouhani S\*.** Molecular characterization of Fasciola hepatica and phylogenetic analysis based on mitochondrial (nicotiamide adenine dinucleotide dehydrogenase subunit I and cytochrome oxidase subunit I) genes from the North-East of Iran. *Veterinary world.* 2016 Sep; 9(9):1034.

Ebrahimi M, **Rouhani S\***, Mobedi I, Rostami A, Khazan H, Ahoo MB. Prevalence and morphological characterization of Cheilospirura hamulosa, Diesing, 1861 (Nematoda: Acuarioidea), from partridges in Iran. *Journal of parasitology research*. 2015

Adel Spotin, **Soheila Rouhani**, Parnazsadat Ghaemmaghami, Ali Haghighi, Mohammad Reza Zolfaghari, Aref Amirkhani, Mahin

Farahmand, Ali Bordbar' Parvizi Parvizi.

Different Morphologies of *Leishmania major* Amastigotes with No Molecular Diversity in a Neglected Endemic Area of Zoonotic Cutaneous Leishmaniasis in Iran. *Iranian biomedical Journal* 2015, 19(3): 149-159.

# Spotin A, **Rouhani S**, Parvizi P.

The Associations of *Leishmania major* and *Leishmania tropica* Aspects by Focusing Their Morphological and Molecular Features on Clinical Appearances in Khuzestan Province, Iran. *BioMed Research International* volume 2014, 13 pages http://dx.doi.org/10

Mirzaeia A, Schweynoch C, **Rouhani S**, Parvizi P, Schonian G. Diversity of Leishmania Species and of Strains of Leishmania Major Isolated from Desert Rodents in Different Foci of Cutaneous Leishmaniasis in Iran . *Trans R Soc Trop Med Hyg.2014; 108:502-512 doi:10.1093/trstmh/tru085* 

## Rouhani S, Mirzaei A, Spotin A, Parvizi P.

Novel Identification of *Leishmania major* in *Hemiechinus auritus* and Molecular Detection of this Parasite in *Meriones libycus* from an Important Foci of Zoonotic Cutaneous Leishmaniasis in Iran. *Journal of Infection and Public Health*. 2014; 7: 210-217.

Spotin A, **Rouhani S**, Parvizi P, Shahbazi A, Najafian J, Zaman J, Ahmadpour E, Bordbar A. Investigation of the causes for prohibition of pork consumption on human physical and mental health in perspective of Holy Quran, *Islamic Narratives and Medical Parasitology*. 2014; 8(3):1-19

Salehi N, **Rouhani S\***, Kamalinejad M, Zayeri F, Motaghifar A. Scolicidal Effects of Berberis vulgaris Fruit Extract on Hydatid Cyst Protoscolices. *Tehran University Medical Journal*. 2014; 7(2): 121-128.

### Mirzaei A, Rouhani S, Parvizi P, Mahmoudi MR.

Isolation and Determination of Leishmania Parasite in Reservoir Hosts of Leishmaniasis in Isfahan Province Using Routine Laboratory Methods and Molecular Tools. *Journal of Ilam University of Medical Sciences*. 2014; 22(1):7-15.

Rouhani S\*, Salehi N, Kamalinejad M, Zayeri F.

Efficacy of *Berberis vulgaris* Aqueous Extract on Viability of Echinococcus granulosus Protoscolices. *Journal of Investigative Surgery*. 2013; 26: 347-351.

# Rouhani S, Parvizi P, Spotin A.

Using Specific Synthetic Peptide (p176) Derived AgB 8/1-kDa Accompanied by Modified Patient's Sera: A Novel Hypothesis to Follow-up of Cystic Echinococcosis after Surgery. *Medical Hypotheses*. 2013; 81: 557–560.

Mirzaei A, **Rouhani S**, Kazerooni PA, Farahmand M, Parvizi P. Molecular Detection and Conventional Identification of Leishmania Species in Reservoir Hosts of Zoonotic Cutaneous Leishmaniasis in Fars Province, South of Iran. *Iranian J Parasitol.* 2013; 8(2): 280-28.

#### Rouhani S\*, Mahmoudi M.

Identification of Infective Larva (L3) Proteins of Strongyloides stercoralis by Immunoblot. *Iranian Journal of Clinical Infectious Disease*. 2010; 5(2):101-106.

Mirzaei A, **Rouhani S**, Taherkhani H, Farahmand M, Kazemi B, Hedayati M, Baghaei A, Davari B.

Isolation and Detection of Leishmania Species among Naturally Infected Rhombomis opimus, a Reservoir Host of Zoonotic Cutaneous Leishmaniasis in Turkemen Sahara, North East of Iran. *Experimental Parasitology*. 2011; 129: 375-380.

#### Rouhani S\*, Athari A.

Ocular Dirofilariasis in Iran. *Medical Journal of the Islamic Republic of Iran*. 2003; 17(1): 85-86.

#### Rouhani S\*, Vatankha A.

Survey on Fertile and Sterile Hydatid Cyst in Intermediate Host. *Pajouhandeh*. 2006; 10(47): 295-299.

#### Rouhani S\*, Kiyanian, H. and Athari, A.

Prevalence of Intestinal Parasites in Villages of Sari. *Journal of Zanjan of Medical Sciences & Health Services*. 2001; 34: 33-40.

**Rouhani S\***. Prevalence of Intestinal Parasites in Medical Diagnostic Laboratories Staff. *Pejouhandeh.* 2001; 6(4):361-365.

#### Rouhani S\*, M. Reshad M, Athari A.

Prevalence of Intestinal Parasites in Food Handlers in Chalous and NowShahr in North of ran. *Journal of the Faculty of Medicine, Shahid Beheshti University of Medical Sciences and Health Services.* 2001; 24(4): 15-20.

#### Athari A, Rouhani S.

Prevalence of Intestinal Parasites in Iraqi Refugees Settlement in Kermanshah Province. *Pejouhandeh*. 1998; 3(2): 35-40.

# Rouhani S\*, Pakniyat S.

Survey on Operated Hydatid Cyst in Shohada Hospital Center." *Journal* of the Faculty of Medicine, Shaheed Beheshti University of Medical Sciences and Health Services.1994; 18(2): 48-54.

#### Rouhani S\*, AliMohammadi Z, Zahiri N.

Intestinal Parasites in Rehabilitation Center of Tehran." *Journal of the Faculty of Medicine, Shaheed Beheshti University of Medical Sciences and Health Services.* 1994; 18(1): 20-27.

#### Rouhani S, Massoud J.

The Effect of Variation in Miracidial Exposure Dose on Experimental Infections of Fasciola gigantica in Lymnae gedrosiana. *Iranian J. Pub. Health.* 1990; 19(1-4):27-33.

# **TRANSLATIONS**

- 1. Harrison's Principles of Internal Medicine: Disorders of Digestive Tract, 14<sup>th</sup> ed. Translated by A.H. Sajadieh, M.D. and S. Rouhani, PhD. Tehran: Tchehr Co, 1998.
- 2. Harrison's Principles of Internal Medicine: Parasitology. Translated by S. Rouhani, PhD. Tehran: Entesharat Shahrab, 1994.
- 3. Harrison's Prinicples of Internal Medicine: Liver, Pancrfeas and Biliary Tract Disease. Translated by A.H. Sajadieh, M.D., S. Rouhani, PhD. And H Namazi, M.D. Tehran: Tchehr Co, 1998.

# INTERNATIONA AND NATIONAL CONGRESS, SEMINARS

# In Progress

2020	
2019	Presented at the 4th International & 11th national congress of parasitology Nicopa 11, Uremia, Iran  Title: Molecular Phylogenetic and Genetic Variability of Fasciola hepatica with an overview to understand haplotype distribution In Iran
2017	Presented at the 3rd International & 10th National Congress of Parasitology & Parasitic Diseases of Iran  Title: LAMP could be useful in detection of spiked Fasciola hepatica eggs in vitro?  Title: Characterization of Fasciola spp. based on spermatogenesis, nuclear (ITS1) and mitochondrial (CO1, ND1) DNA in 5 selected geographical regions of Iran  Title: Detection of various numbers of spiked Fasciola eggs in stool specimensby formalin—ether in vitro
2016	Presented at the 8 <sup>th</sup> International Iranian Congress Laboratory & Clinic, Tehran, Iran.  Title: Efficacy of Sour Punica granatum Aqueous Extract on Viability of Echinococcus granulosus Protoscolices, In Vitro Title: Scolicidal effect of citric acid on Echinococcus granulosus
2015	protoscolices, in vitro  Presented at the Nicopa 9 in Gilan province  Title: seroepidemiological study of human hydatidosis?  Title: Evaluation of hydatid cyst antigen in diagnosis?  Title: genotyping and phylogenic analysis of Fasciola spp
2014	Presented at the 6 <sup>th</sup> International Iranian Congress Laboratory & Clinic, Tehran, Iran.  Title: Seroepidemiological Study of Human Hydatid Cyst by ELISA Method Using Recombinant AgB in Doroud City, Lorestan Province
2013	Presented at the Nicopa 9 in Gilan province  Title: effective, appropriate and simple culture egg hatching and cryopreserving of nematode Chielospirura hamulosae
2013	Presented at the 14 <sup>th</sup> International Iranian Congress of Microbiology Title:Isolation and Identification of leishmanial in suspected patients of

cutaneous leishmaniasis by targeting ITS-RNA and Microsatellite gene Shush city Northern Khuzestan.

Title: Different phenotypic aspect with no genotypic heterogenic in Leishmania majar isolated of suspected patients in north Khuzestan province

2012 Presented at the 8<sup>th</sup> biotechnology congress

Title: Sequencing and Phylogenetic analysis of ITS-rDNA gene of *Leishmania* parasites in human in north of Khuzestan

2012 Presented at the 3<sup>rd</sup> International Veterinary Poultry Congress, Tehran, Iran.

Title: Raillietina Spp Infection in Partridges, in Taleghan, Alborz Province, Iran.

Title: First Record of Cheilospirura hamulosa in Partridges, in Taleghan Province, Iran.

2011 Presented at the 1<sup>st</sup> International and 8<sup>th</sup> National Congress of Parasitology and Parasitic Diseases, Kerman, Iran.

Title: Detection of Toxocara Larva in Hunted Partridges' Viscera.

Title: Detection and Determination of Leishmania Parasite in Reservoir Hosts of Leishmaniasis in Isfahan Province Using Routine Laboratory Methods and Molecular Tools.

**2010** Presented at the 4<sup>th</sup> Congress of Laboratory and Clinic, Tehran, Iran.

Title: Screening of Tuberculosis and Diagnosis of Lung Hydatid Cyst. Title: Scolicidal Effects of Berberis vulgaris Aqueous Extract on Hydatid Cyst In Vitro.

**2009** Presented at the 12<sup>th</sup> International Congress of Parasitology, Melbourne, Australia.

Title: Evaluation of Leishmania Infection in Phombomis Opimus as a main Reservoir Host of Zoonotic Cutaneous Leishmaniasis in Turkemen Sahara, Iran.

2006 Presented at the 6<sup>th</sup> European Congress on Tropical Medicine and International Health, Verona, Italy

Title: Identification of Infective Larva (L3) Proteins of Strongyloides stercoralis by Immunoblot.

Title: Infection and Worm Recovery Rate in Experimental Infection in Mice with Fasciola gigantica Metacercariae

2005 Presented at the 12<sup>th</sup> International Congress on Infectious Diseases, Lisbon, Portugal.

Title: Survey of Fertile and Sterile Hydatid Cyst in Intermediate Host.

Presented at the 5<sup>th</sup> National Congress of Parasitic Disease, Tehran, Iran.

Title: Effect of Salinity and Low Lemperature on the Hatching of Fasciola Ova.

Presented at the 5<sup>th</sup> National Congress of Parasitic Disease, Tehran, Iran. 2005 Title: Study of Patients with Hydatid Cyst in Ayatollah Taleghani Hospital for the Period of 1995-2004. Presented at the 11<sup>th</sup> International Congress on Infectious Disease, Cancun, 2004 Mexico. Title: Comparison Between Enterobius Vermicularis and Strongyloides stercoralis in Physically Handicapped and Mentally Retarded in Rehabilitation Centers in Tehran, Iran. Presented at the 10<sup>th</sup> International Congress on Infectious Disease, Singapore. 2002 Title: Prevalence of Intestinal Parasite in Laboratory Staff. Presented at the 10<sup>th</sup> International Congress of Parasitology, Vanouver, Canada. 2002 Title: Immunochemical Characterization of the Alkaline Phosphatase from Sterile and Fertile Echinococcus granulosus Cysts Fluid. Presented at the 10<sup>th</sup> International Congress of Parasitology, Vanouver, Canada. *2002* Title: Strongyloides Stercoralis in Mentally Retarded Institutes in Tehran. Iran. Presented at the 1<sup>st</sup> National Congress of Public Health held in Kermanshah, Iran. 2000 Title: Research and development in the field of hydatidosis in Iran. Presented at the 3<sup>rd</sup> National Congress of Medical Parasitology held in Sari, Iran. 2000 Title: Report of a Rare Dirofilarisis. Presented at the 9<sup>TH</sup> Iranian Tropical and Infectious Diseases held in Tehran, Iran. 2000 Title: Prevalence of Intestinal Parasites in Laboratories Staff. Presented at the 9<sup>TH</sup> Iranian Tropical and Infectious Diseases held in Tehran, Iran. 2000 Title: Quantitative Survey of Enzymes in Fertile and Sterile of Hydatid Cyst in Different Hosts. Presented at the IX International Congress of Parasitology held at Makuhari 1998 Chiba, Japan. Title: Efficacy of Pyrivinium Pamoate and Mebendazole in Treatment of Oxyuriasis in Bouin Zahra, Iran. Presented in the X International Congress of Protozoology held in Sydney, 1997 Australia. Title: Parasitic Protozoa in Food Handlers in North of Iran. Presented in the 1<sup>st</sup> Iranian Congress of Parasitic Diseases held in Rasht, Iran. 1990 Title: Experimental Infection of Fasciola gigantica Miracidium in Lymnaea gedrosiana. Presented in the 9<sup>th</sup> Iranian Veterinary Congress held in Tehran, Iran. 1988 Title: Viability Fasciola gigantica in Small White Mouse as Laboratory Intermediate Host

# JOURNALS' REVIEW

Iranian Journal of Parasitology

Iranian Journal of Clinical Infectious Diseases

Pajouhandeh (Shahid Beheshti University of Medical Sciences)

Asian Pacific Journal of Tropical Disease

# **MEMBERSHIPS**

Iranian Society of Laboratory, 1988 to present.

British Society of Parasitology, 1988 to present

Iranian Society of Parasitology, 1997 to present.

Iranian Veterinary Association, 1981 to present.

# يايان نامه

- 1\_ بررسی شیوع انگل های روده ای در مدد جویان مراکز توانبخشی شهر تهران . . دانشجو: زینب علیمحمدی
- مقایسه حساسیت روش فرمل دتر جنت با دو روش مستقیم و فرمالین اتر در بررسی انگل های روده ای . : مینو شاددل
- ـ بررسی شیوع انگل های روده ای در سه گروه عمده عرضه کنندگان مواد غذائی شهرهای نوشهر و چالوس و تعیین حساسیت روش کاتو در تشخیص کرم های روده ای

: میترا رشاد کوچصفهانی

- بررسی شیوع اکسیور در دبستان های بوئین زهرا ومقایسه دو داروی . Pyrivinium pamoate, Mebendazole : حسنعلی عامری زاده
- تعیین در صد عفونت کریپتوسپوریدیوزیس در کودکان مبتلا به اسهال در دو بیمارستان مفید و علی اصفر (ع) تهران در سال . . . . دانشجو: مریم گودرزوند چگینی
- ـ تعیین سیکلوسپورا در مبتلایان به اسهال مراجعه کننده به مرکز آموزشی ـدرمانی دانشگاه علوم پزشکی و خدمات درمانی شهید بهشتی در سال ـ . دانشجو: الیاس الیاس زاده
- شیوع انگل هـای روده ای در گیرندگان داروهای تضعیف کننده سیستم ایمنی ، تهران . . دانشجو: هاله صدفی
- ـ بررسی سرولوژیک توکسوپلاسما در خانم های معرفی شده جهت ازدواج با استفاده از روش الیزا و ایمنوفلورسانس غیر مستقیم . دانشجو:خدیجه خان علیها
  - بررسي شيوع ليشمانيوز در جوندگان منطقه ع سمسكنده ع شهرستان ساري. : شيرزاد غلامي
- بررسی شیوع انگل های روده ای درکارکنان آزمایشگاه بیمارستان های دانشگاه علوم پزشکی شهید بهشتی ، . دانشجو : فاطمه محمدیان

- 11 ـ بررسی کمی مواد شیمیایی وبیوشیمیایی موجود در مایع هیداتید کیست های بارور و استریل . استریل . دانشجو:علی وطن خواه
- بررسی شیوع انگل های روده ای در ساکنین جلگه ای و جنگلی بخش میان دو رود شهرستان ساری . شهرستان ساری . دانشجو: هرمز کیانیان
- ـ بررسی آلودگی انگل های روده ای در دانش آموزان مدارس ابتدایی لواسانات در --:
- ۔ شناسایی پروتئین های لارو فیلاریفرم استرونژیلوئیدس استرکورالیس به روش . ۔ . دانشجو: مهری محمودی
  - ــشناسایي الگوي پروتئیني کیست هیداتیك بارور و استریل در گوسفند. دانشجو: مصطفی چراغی جیرنده
- استاد راهنما: جداسازي و تعيين گونه هاي ليشمانيا در جوندگان مناطق اندميك ايران به روش ملكولي. : اسد ميرزايي
  - جداسازی لارو توکسوکارا احشائ کبک های شکار شده دانشجو: مریم ابراهیمی
- شناسایی گونه ها و تایپ ملکولی لیشمانیا در افراد مشکوک به لیشمانیازیس جلدی با ITS microsatellite b هدف قرار دادن ژن های ITS-rDNA، سایتوکروم

دانشجو: عادل اسپوتین

- بررسی اثر داروهای طب سنتی بر روی بیماری های انگلی دستگاه های کالبد شناسی. دانشجو : علبا هر مز ی
- بررسی اثر عصاره آبی انار بر روی پروتواسکولکس های اکینوکوکوس گرانولوزوس در آزمایشگاه. دانشجو: زهرا جعفری
  - بررسی اثر داروهای طب سنتی بر روی بیماری های انگلی دستگاه های کالبد شناسی علیا کلانتر هرمزی
  - بررسی مبانی تشریح جهاز هاضمه در پزشکی نیاکان و مقایسه آن با مبانی آناتومیک فرزانه هاش نیاتر شیزی

- مقایسه مبانی سردرد در طب نیاکان با اصد : شقایق کشاورز مقدم
- بررسی سرواپیدمیولوژی کیست هیداتیدبا استفاده از آنتی ژن نوترکیب  $\mathbf{B}$  به روش الیزا در شهرستان درود دانشجو فلاح عمرانی
- ژنوتایپینگ انواع فاسیولا جدا شده از گاو و گوسفندبا استفاده PCR- rDNA در کشتار گاه شهرستان مشکین شهر از استان اردبیل دانشجو: مژگان اریایی پور
- بررسی اثرات ضد انگلی گیاهان دارویی طب سنتی و مقایسه ان با دارو های شیمیایی دانشجو :مریم سعادتمندفر
  - بررسی اثرطب سنتی بر بیماری لیشمانیا و مقایسه آن با دارو های پزشکی نوین دانشجو مریم خوش خلق سیما
    - شناسایی انواع فاسیو لا بر اساس اسپر ماتوژنز و ژن های هسته ای (ITS1) میتوکندریایی (CO1 ND1) منطقه منتخب جغر افیایی ایران دانشجو: صابر رائقی
  - بررسی تجربی روش (Loop-mediated Isothermal Amplification(LAMP) در تشخیص تخم فاسیو لا هپاتیکا دانشجو: سحر قدسیان
  - ـ ارزیابی اثر درمانی microRNA القاء کننده آپوپتوزیس بر سلول های ماکروفاژ آلوده به انگل لیشمانیا ماژور سویه BALB/c MRHO/IR/75/ER ( ) دانشجو: مصطفی غلامرضایی