

CURRICULUM VITAE

PERSONAL

Name : *RASOOL MADANI*
Father Name : *MOSTAFA*
Nationality : *IRANIAN*
Date of Birth : *21-3-1960*
Address : *Biotechnology Deptt. Razi Vaccine &
Serum Research Institute
P.O. BOX 11365/1558 ,Tehran -- Iran*
Fax No. : *+98(261)454658 or 452194*
Tel. No. : *+98(261)4570038-46*
E-- mails : *mr_madani@yahoo.com or R.MADANI@rvsri.com*

Current Position

**Associate Professor of Biotechnology Department and Head of Applied
Biochemistry Unit
Archive of Razi Institute Journal Chief Editor**

Academic Qualification

Sabbatical (2000 – 2001)

- 1. Molecular Microbiology Deptt. Mount Allison University, Canada
Peptide synthesizing of immunogenic region sequence.**
- 2. Banting and Best medical research Inst. Toronto University, Canada
Protein expression in GFP system.**

**Ph.D Applied Biochemistry, Immunochemistry, Delhi University and
National Institute of Health (NIH) Delhi - India. 1993**
M.Sc Biochemistry, Delhi University - India 1989
B.Sc Chemistry(H), Delhi University - India 1986

Research Projects

PI (principal investigator)

CI (co investigator)

1. Determination of β and ϵ anti toxins by Elisa. (CI)
2. Development of monoclonal antibodies against (MVE) strain of measles virus. (PI)
3. Studies and comparison of different purification methods to purify HCG hormone from urine. (PI)
4. Preparation of Fluorescent antibody in diagnosing rinderpest disease with direct IFA Test. (CI)
5. Developing Elisa Method for measuring amount of *tetanus* antitoxin. (CI)
6. Comparison of *Colestridume edmycine* Cultures in Fermantor and glass flasks. (CI)
7. Studies on developing *tetanus* Vaccine for nasal delivery. (CI)
8. Developing Elisa for measuring sera 's Progesterone of Pregnant Cows. (PI)
9. Diagnosing of blackleg and malignant oedema in cattle using immuno fluorescent antibody. (CI)
10. Preparation and applying of Fluorescent labelled antibody for diagnosing toxigenic strains of *Clostridium chauvoei* and *Clostridium septicum*. (CI)
11. Preparation of DNA kit for autoimmune diseases. (CI)
12. Studies of biochemical factors in abortion of sheeps. (PI)
13. Isolation and purification of GST enzyme of *fassiola*. (CI)
14. Diagnostic of *Helicobactor* infection by Elisa. (CI)
15. Studies of antibacterial effect of purified *Naja-Naja* snake venom. (CI)
16. Estimation of in activated *Leshmania* major vaccine immunity in African monkeies. (CI)
17. Studies of GST enzyme as an immunogen by injection to the sheeps. (CI)
18. Identification of fimberia of different *E.Coli* Strains of chicken. (CI)
19. Studies of different fractions of *P. Multicida* of chickens as immunogens toget a sub- unit vaccine. (CI)
20. Development of an Elisa kit for diagnosing human hydatidose. (CI)
21. Preparation of monoclonal antibodies against F. protein of N.D virus. (PI)
22. Purification of P-32 protein from capripox virus by HPLC. (CI)
23. Development of an Elisa kit for diagnosing Gumboro. (CI)
24. Preparation of monoclonal antibodies against BVDV. (CI)
25. Comparison of Elisa and IFA test on seras of vaccinated cows by theileria shyzont. (CI)

26. Development of an Elisa kit for bronchitis. (CI)
27. Purification of ϵ . toxin from *Colestridume perfringers* . (CI)
28. Determination of immune response of Gilan state cows to joint vaccination with anthrax and plaque. (CI)
29. Studies of sensitivity and specificity of immunodot by using 38 KD antigen of maycobacterume tuberclousise. (CI)
30. Evaluating the role of PPD on delayed hypersensitivity and determination the effect of BCG vaccine . (CI)
31. Purification of Hemagglutinin and Noraminidase antigens of H9N2 poultry Infulanza virus and their application in HI and NI test. (CI)
32. Application and standardisation serologic tests IFA and ELISA for diagnoses of sheep and goat *babesiose* . (CI)
33. Cloning and sequencing of F-protein gene of NDV ,NR43 Iran isolate.
34. Identification of *ornitobazia torecsetanume* with PCR. (CI)
35. Determination of different pilot methods for producing peroxidase enzyme. (CI)
36. Standardised ELISA test for determination of Mycoplasma antibodies titre. (CI)
37. Identification and purification of immunodominant proteins of midgut epithelial cells of Hyalomma anatolicum anatolicum. (PI)
38. Production of monoclonal antibody against BM 86/95 in order to identify the immunodominant protein of midgut epithelial cells of Hyalomma anatolicum anatolicum. (CI)
39. Effect of two types of Propolis emulsions in diets on immune system and performance of layers and broiler chicken. (CI)
40. Development of monoclonal antibodies against infected bronchitis of poultry. (CI)
41. Preparation of monoclonal antibodies against vaccinated strain of bronchitis. (CI)
42. Determination of spiked protein of different bronchitis virus isolated from Iran as compared to vaccinal strain. (CI)
43. Standardised ELISA test with specific antigens for diagnosing *faciolesis* in sheeps. (CI)
44. Studing for producing inactivated vaccine of *agalactie* by using fermentor. (CI)
45. Development and evaluation of a monoclonal antibodies based competitive ELISA for the detection of rinderpest antibodies. (CI)
46. Developing of an competitive ELISA system for serological diagnosis of Haypodermosis. (CI)
47. Clinical assessment of Quinerume sulfate drug against *babesios* synthesized in Iran. (CI)

48. Clinical assesment of Imidocarb drug against *babesios* synthesised in Iran. (CI)
49. Immunochemical studies on *Mycoplasma Agalactie* strains which are using in *agalactie* vaccine(CI)
50. Diagnosis and identification of RPV and PPR viruses for phylagenic studies with RT-PCR and sequencing techniuques. (CI)
51. Molecular studies of BVDV isolated from Iran by RT-PCR and sequencing 5-UTR. (CI)
52. studies on designing an ELISA system for measuring nanogram amount of BSA in human viral vaccine products. (PI)
53. Application of an Elisa system for differentiating infected from vaccinated on the basis of antibodies to NS1 the nonstructural protein of influenza virus. (CI)
54. Studies on comparison between parasitology test and ELISA in diagnosing strains of Hypoderma in goats of Khozestan province. (CI)
55. Determination of telomerase activity in MRC5 and HELA cells. (CI)
56. Immunochemical studies on *Mycoplasma agalactiae* strains using in agalagecy Vaccine. (CI)
57. Production of antibodies against four cells line VERA, HELA and MRC5 for immunoflotyping with immunoflourecent method. (CI)
58. Molecular characterization of different strains of FMD virus in IRAN. (CI)
59. Development and characterization of monoclonal antibodies to Peste des petits ruminants (PPR) virus. (CI)
60. Development of ELISA for diagnosis of Jhons Disease by 34 KDa protein from *Mycobacterium Para tuberculosis*. (PI)
61. Isolation a 34 KDa Immunodominant Protein of *Mycobacterium avium* subsp par Tuberculosis. (CI)
62. Field Trial of a *Mycobacterium avium* sssubsp Para tuberculosis ELISA test developed based on a 34KD protein. (CI)
63. Application of an ELISA system for differentiating infected from vaccinated on the basis of antibodies to NS1 the nonstructural protein of influenza virus. (PI)
64. Development of an ELISA for determination of potency in snake anti venoms. (PI)
65. Development of an ELISA for determination of potency in snake anti venoms of NAJA NAJA . (PI)

Journal Publications

* First author

1. Madani,R., etal..(1996)

“Measuring Beta antitoxin in sheep serum using ELISA and comparing it to SN Method”.

Research & Reconstruction, No.32.

2. Madani,R., etal. (1996)

“Measuring Epsilon antitoxin in sheep serum by ELISA”.

Archives de l`Institute Razi, No.46-47.

3. Madani,R, etal. (1998)

“Elisa of neopterin using penicillinase as label.”

Medical J. of IRI.

4.Madani,R, etal.(1998)

“Production and purification of Lactase of Kluyveromyces Fragilis from whey”.

Archives de l`Institute Razi, No.48-49.

5. Madani,R, etal.(1998)

“Purification of two Antibacterial fraction of vipera lebetina venom”.

Archives de l`Institute Razi, No.48-49.

6. * Madani,R , etal.(1999)

“Effect of Activators and Inhibitors on Lactase activities to determine its Kinetic model”.

Journal of Archive of Razi institute, No.50.93-98

7. * Madani,R, etal.(1999)

“Determination of improved factors for growth of K.fragilis to produce β -galactosidase”

Iranian Journal of Research & Reconstruction No.43 , 70-74

8. Madani,R, etal.(1999)

“Isolation and purification of glutathion-s-transferase(GST) from fasciola gigantica.”

Scientific- Research Journal of Shahed University No.24 ,82-86

9. Madani,R, etal.(2000)

“Cellular immunity responses in sheep against glutathione S-transferase of fasciola gigantica”

Archives of Razi Institute,No.51, 103-112

10. Madani,R, etal.(2000)

“Comparative evaluation of serodiagnostic techniques in cystic hydatid disease”

Archives of Razi Institute, No.51, 85-93

11. Madani,R, etal.(2000)

“Identification and purification of F11 fimberia on avian pathogenic E.coli”

- Archives of Razi Institute, No.51, 63-73
12. Madani,R, etal.(2000)
“Preparation and characterization of specific and high affinity monoclonal antibodies against morphine”
Hybridoma,19,No.5, 413-417
 13. Madani,R, etal.(2001)
“Application and evaluation of DOT–ELISA for diagnosis of experimental Fascioliasis”
Veterinary Journal, University of Tehran, 56, No. 1, 61-63
 14. Madani,R, etal.(2001)
“Characterization of monoclonal antibody against neopterin using an enzyme-linked immunosorbent assay with penicillinase as label”.
Hybridoma. 20, No.2:117-121
 15. Madani,R, etal.(2002)
“Immunization of sheep against *faciola gigantica* with glutathione S-transferase”
Veterinary Journal of Parasitology , No.105, 153-159
 16. * Madani,R, etal.(2002)
“Preparation of monoclonal antibody to fusion glycoprotein of Newcastle disease virus isolated from Iran.”
Archives of Razi Institute, 53, 87-96
 17. Madani,R,etal.(2003)
“Presence of immunoglobulins on the surface of Lesion-Derived *Amastigotes*”
Iran Biomedical journal,7,No.4, 155-160
 18. Madani,R,etal.(2003)
“Comparison of ELISA and IFA for estimation of antibody levels of cattle to *Theileria annulata* vaccine”
Iranian journal of Allergy,Asthma and Immunology, 2No.2,101-105
 19. Madani,R, etal .(2004)
”Partially purified fraction (PPF) antigen from adult *Fasciola gigantica* for the serodiagnosis of human fascioliasis using Dot-ELISA technique”
Ann Saudi Journal Med 24, No.1, 18-20
 20. Madani.R.etal(2005)
“Determination of antibody response against inactivated *Agalactia* vaccine in small ruminants”
Archives of Razi Institute No.60, 67-75
 21. Madani.R.etal(2005)

- “Designing an ELISA technique for H-pylori antibody Detection using water extracted antigens”**
Iranian J Publ Health, 34,No.2, 14-19
- 22. Madani.R.etal(2005)**
“Preparation of Neuraminidase specific antiserum from H9N2 subtype of avian influenza virus”
IJBMS, 8No.3, 210-214
- 23. Madani.R.etal(2006)**
“Comparative evaluation of antibody positive titer by ELISA and IFA in Theileria annulata vaccinated cattle in Iran”
Parasite Journal ,No.13, 71-74.
- 24. Madani.R.etal(2006)**
“Oxytetracycline Residue in Chicken Tissues from Tehran Slaughterhouses in Iran”
Pakistan Journal of Nutrition 5(4), 377-381
- 25. Madani.R.etal(2006)**
“Comparison of digestive enzyme activity in the stomach, pyloric caeca and intestine diploid and triploid female of rainbow trout (Oncorhynchus mykiss)”
Iranian Scientific Fisheries Journal,15,No.2,29-36.
- 26. Madani.R.etal(2007)**
“Comparison of digestive enzyme activity in the stomach, pyloric caeca and Smolt Caspian Brown Trout(Salmo trutta caspicus) ”
J.Agric. Sci.Nathur. Resour. Vol.14(3) 31-39.
- 27. Madani.R.etal(2007)**
“Purification of specific Capri pox virus protein (P32)for utilizing in ELISA kit”
Pajouhesh & Sazandegi No:76 pp: 104-108
- 28. Madani.R.etal(2007)**
“Cloning of F protein gene of Newcastle virus and determination of nucleotide Sequence” Iranian veterinary Journal ,4,No.1 .17-24
- 29. Madani.R.etal(2007)**
“Development of 2types of competitive enzyme- linked immunosorbent assay for detecting antibodies to rinderpest virus using a monoclonal antibody for a specific region of the hemagglutinin protein” Can. J. Microbiol. 53:1-7
- 30. Madani.R.etal(2007)**
“Study of antibodies development in naturally infested goats by przhivalskiana sp. Using by ELISA kit” J.Exp.Zool. India. 10(2),301-3

31. Madani.R.etal(2008)

“Development of a sandwich enzyme-linked immunosorbent assay (ELISA) for determining of bovine serum albumin (BSA) in trivalent measles –mump-rubella (MMR) vaccines” . J. Human Vaccines. 10(5). 375-8

32. * Madani,R, etal.(2008)

“Preparation of antigens from midgut of *Hyalomma anatolicum anatolicum* and determining their immune protective effects”. Journal of Archives of Razi research institute.2(63),47-52

33. Madani.R.etal(2009)

“ Serodiagnosis of goat warble fly (GWF) (Diptera : Oestridae infestation using by a Competitive ELISA” . Biochem. Cell. Arch. 9 (1) 93-96.

34. Madani.R.etal(2009)

“Comparative study of homology of cytoplasmic membrane protein 40 Kd Of *Mycoplasma agalactiae* in isolated strains in IRAN”. African Journal of Microbiology Research . 3(9) 528-532

Conferences & Seminars

* First author

1. Madani,R, etal. (1995)

“Designing of new Elisa method for neopetrine molecule by pencillinase.”
Congresse of Biochemistry, Tehran

2. Madani,R, etal. (1995)

“Determination of antiseras for estimation of neopetrine molecule by penicillinase.”

3th Congresse of Biochemistry Tabriz.

3. Madani,R, etal. (1996)

“Isolation and determination of defferent fractions of *P.multicida*.”
2th Congress of Microbiology, Yazd.

4. Madani,R.,etal. (1996)

“Development and calibration of one ELISA kit for measuring *colestidume perfringes* antitoxins”.

The fourth International Congress of Immunology & Allergy,IRAN, Isfahan,

5. Madani,R., etal. (1997)

- “Preparation and purification of β -galactosidase from whey”.**
The fourth Congress of Biochemistry ,IRAN, Babol,
- 6. Madani,R, etal. (1997)**
“Isolation and purification of GST enzyme of fassiola hepatica.”
second Congress of parasitic diseases, Tehran.
- 7. Madani,R, etal. (1997)**
“Designing of Elisa method for neopetrine molecule by antibody from mouse.”
4th Congresse of Biochemistry Babol.
- 8. Madani,R, etal. (1997)**
“Studies of antibacterial effect of Naja-Naja snake venom invitro.”
4th Congresse of Biochemistry Babol.
- 9. * Madani,R, etal. (1997)**
“Preparation of monoclonal antibodies againes ER & PR .”
4th Congresse of Biochemistry Babol.
- 10. Madani,R, etal. (1997)**
“Determination of immunogenicity of different antigens extracted from P.multicida.”
2th Inter national Congress of Microbiology Pakestan
- 11. Madani,R., etal. (1998)**
“Developing *tetanus* Vaccine for nasal delivery”.
National Congress of Infectious and tropical disease ,IRAN, Babol
- 12. Madani,R.,etal. (1998)**
“Preparation and applying of Fluorescent labelled antibody for diagnosing toxigenic strains of *Clostridium chauvoei* and *Clostridium septicum*”.
4th world Congress food born Infections & Intoxications, Germany, Berlin,
- 13. Madani,R., etal.(1998)**
“Diagnosing of blackleg and malignant oedema in cattle using immuno fluorescent antibody”.
XX word Buiatric Congress, Australia.
- 14. * Madani,R, etal. (1998)**
“Measurment of ER from human uterine endometrium by Elisa.”
10th Inter national Congress of Immunology India.
- 15. Madani,R, etal. (1998)**

- “Preparation of sub- unit vaccine against M- agalactie by using monoclonal antibodies” 4th Inter national Congress of Immunology Esfahan.**
- 16. Madani,R, etal. (1998)**
“Preparation of RMP & SM antigens from calf thymus.”
4th Inter national Congress of Immunology Esfahan.
- 17. Madani,R, etal. (1998)**
“Diagnosin of M- agalactie infection by Elisa using monoclonal antibodies.”
4th Inter national Congress of Immunology Esfahan.
- 18. Madani,R, etal.(1999)**
“Coaglutination as a rapid methad for diagnosis of rotavirus in fecal material”
12th International congress of Geographic Medicine of Shiraz University
of Medical Sciences.
- 19. Madani,R, etal.(1999)**
“Investigation on absorption of Diphteria and tetanus toxoids by nasal applications.”
The fifth Biochemistry congress Urmia
- 20. Madani,R, etal.(1999)**
“Development of monoclonal antibodies against morphine molecule”.
The fifth Biochemistry congress Urmia.
- 21. Madani,R, etal.(1999)**
“Determination of optimum condition for β -Galactosidase activity in whey hydrolysis”
The fifth Biochemistry congress Urmia.
- 22. * Madani,R, etal.(2000)**
“Improvmnt of K.F growth to obtain higher yild of lactase .”
The first National Congress of Biotechnology Islamic Republic of Iran.
- 23. Madani,R, etal.(2000)**
“Effect of mono and bivalent metals and DTT to determine activity and
Kinetic of Lactase.”
The first National Congress of Biotechnology Islamic Republic of Iran.
- 24. Madani,R, etal.(2000)**
“Preparation of monoclonal antibodies against tetanus toxoid.”
Forth national congress of zonoses,Tehran
- 25. Madani,R, etal.(2000)**
“Developing Elisa for antibody determination of sheeps vaccinated by anthrax
vaccine” Forth national congress of zonoses,Tehran
- 26. Madani,R, etal.(2000)**
“Isolation of mycobacterume antigens by sonication and binding with latex for

- serological diagnosis" Fifth congress of immunology & allergy, Tehran
27. Madani,R, etal.(2000)
"Characterization of monoclonal antibodies against morphine"
Fifth congress of immunology & allergy, Tehran
28. Madani,R, etal.(2000)
"Isolation and purification of ϵ -toxin of clostridium perfringens"
Third congress of microbiology, Hamadan
29. Madani,R, etal.(2000)
"Designing indirect Elisa for diagnosing brucellosis in human"
Third congress of microbiology, Hamadan
30. Madani,R, etal.(2000)
"Purification of F1 fimbriae on avian pathogenic E.coli"
Third congress of microbiology, Hamadan
31. Madani,R, etal.(2001)
"Evaluating dot-Elisa in diagnosing human fascioliasis"
First congress of general health and preventive medicine, Kermanshah
32. * Madani,R, etal.(2001)
"Production and Purification of Gluco Amylase Enzyme"
The Second National Congress of Biotechnology Islamic Republic of Iran
33. Madani,R, etal.(2001)
"Studies of production and purification of Penicillin G acylase Enzyme"
The Second National Congress of Biotechnology Islamic Republic of Iran
34. Madani,R, etal.(2001)
"A novel ELISA using penicillinase for screening and characterization of monoclonal Antibodies" The sixth Congress of Biochemistry, Tehran – Iran
35. Madani,R, etal.(2001)
"Studies on extraction and purification of HCG from Urine samples"
The sixth Congress of Biochemistry, Tehran – Iran
36. * Madani,R, etal.(2001)
"Preparation and characterization of Monoclonal antibodies against Edmonston"
(MVE) strain of measles virus.
The sixth Congress of Biochemistry, Tehran – Iran
37. Madani,R, etal.(2002)
"Determination of humoral immunity of cattle against Theileria by ELISA"
The sixth Congress of Immunology and Allergy Tehran – Iran

38. * Madani,R, etal.(2002)
“Determination of monoclonal antibodies against F-protein of Newcastle disease virus”
The sixth Congress of Immunology and Allergy Tehran – Iran
39. Madani,R, etal.(2002)
“Evaluation of latex agglutination technique for the detection of anti Mycobacterial antibodies in patwnts with Pulmonary Tuberculosis”
The sixth Congress of Immunology and Allergy Tehran – Iran
40. Madani,R,etal.(2003)
“extraction and purification ϵ -toxin of clostridume perfringes typ D”
The first of congress Biology and Molecular Ahvaz -Iran
41. * Madani,R,etal.(2003)
“Cloning and sequencing of Newcastle disease virus from NR43 isolated of Iran”
Third national congress of Biotehnology Mashad – Iran
42. * Madani,R,etal.(2003)
“Early pregnancy diagnosis in cattle by competitive ELISA with estimation of progesterone levels in sera and milk”
Third national congress of Biotechnology Mashad – Iran
43. Madani,R,etal.(2003)
“Prepration of an ELISA kit using p32 antigen for the detection of antibody against capripox virus”
Sixth international congress of veterinary virology Lion – France
44. Madani,R,etal.(2004)
“Characterization of monoclonal antibody against Neopetrin using an ELISA with pencillinase as label” Seventh congress of Biochemistry,Ahvaz,Iran
45. * Madani,R,etal.(2004)
“Purification of F-protein of NDV,MK13 strain isolated from Iran with HPLC”
Seventh congress of Biochemistry,Ahvaz,Iran
- 46.Madani.R,etal.(2005)
“Preparation of monoclonal antibodies against Rinderpest virus (RP)”
Eighth Iranian congress of Biochemistry and the first International congress of Biochemistry & Molecular Biology,Tehran,Iran
47. Madani.R,etal.(2005)
“A competitive Elisa for detection of Rinderpest disease”
Eighth Iranian congress of Biochemistry and the first International congress of Biochemistry & Molecular Biology, Tehran,Iran

48. Madani.R.etal.(2005)
“ Purification of the protein H of RP virus”
Eighth Iranian congress of Biochemistry and the first International congress of
Biochemistry & Molecular Biology,Tehran,Iran
49. Madani.R.etal(2005)
“ separation & purification of H protein of Rinder Pest virus by electrophoresis
technique (SDS-PAGE)”
student congress of biotechnology of Iran,Tehran university,Iran
50. Madani.R.etal(2005)
“Determination of activities of pepsin ,trypsin,chymotrypsin,amylase and lipase of
caspius salmo trutta”
First scientific and research congress of gulestan university,Iran
51. Madani.R.etal(2005)
“Development of an ELISA for diagnosis of hypodermosis of goat sera”
14th Congress of Iranian Veterinary Tehran-Iran
52. * Madani.R.etal(2006)
“ Development of a competitive ELISA for monitoring of rinderpest antibodies”
International veterinary vaccine and diagnostics conference, Oslo, Norway
- 53.* Madani.R.etal(2006)
“ Evaluation and identification of immunodominant proteins of midgut of
Hyalomma anatolicum anatolicum”
11th International congress on Parasitology, SECC Glasgow Scotland
54. Madani.R.etal(2007)
‘Cloning of F Protein gene of NDV virus and determination of that nucleotide sequence’
1st National Iranian Conference of Applied Microbiology Alzahra university ,Tehran
Iran
55. *Madani.R.etal(2007)
‘Detection and estimation of bovine serum albumin(BSA) in culture mediums of viral
vaccines by ELISA’
13th International Congress of Immunology Rio de janeiro-Brazil
56. Madani.R.etal(2007)
‘Peptide-based ELISA analysis for specific detection and titration of antibodies to
rinderpest (RP) virus’
13th International Congress of Immunology Rio de janeiro-Brazil

57. Madani.R.etal(2007)

'Diffrentional study of morphology and ELISA test in diagnosis of Hypoderma of goat of Iran (Khozestan province)' 21st international Conference WAAVP, Belgium

58. . Madani.R.etal(2007)

"Characterization of Monoclonal antibodies again PPR" Trans Boundary animal disease & Tick Boundary diseases Karaj IRAN Razi Research Inst

59. . *Madani.R.etal(2007)

"Preparation different antigens of midgut of Hyalomma" Trans Boundary animal disease & Tick Boundary diseases Karaj IRAN Razi Research Inst

60. Madani.R.etal(2008)

'Comparison of protein profile of Fasciola with Metacercariae with biochemical methods'

The Sixth National and the first Regional Congress on Parasitology and Parasitic Diseases Karaj IRAN Razi Research Inst.

61. Madani.R.etal(2008)

"Cloning of FProtein gene of NDV and determination of that nucleotide sequence"

Clinical Virology Annual Meeting Saariselka, Finland

62. Madani.R.etal(2008)

"Development of PCR method for rapid and specific detection of Mycoplasma agalactiae" The ninth Microbial congress Kerman IRAN

63. Madani.R.etal(2008)

"Application of nano particles to show role of Nonstructural (NS1) protein of infected chicken by avian influenza (AI) virus " 2nd International Congress Nanoscience and Nanotechnology Tabriz IRAN

64. Madani.R.etal(2008)

"Bioconjugated nanoparticle detection of PPR Virus" 2nd International Conference on Nanotechnology Abu-Dhabi United Arab Emirates

65. Madani.R.etal(2008)

"Application of Gold Nanoparticles to Avoid Diffusing of Avian Influenza Conserve Peptides from PVDF Membrane" 2nd International Conference on Nanotechnology Abu-Dhabi United Arab Emirates

66. Madani.R.etal(2008)

" Epidemiological survey of Johne disease in industrial and semi industrial Cattle husbandry in Savojbolagh with ELISA" Tuberculosis congress of Zanjan IRAN.

Student Thesis

- 1. To use RIA system for measuring estradiol in human sera (M.sc)**
- 2. Purification immunogenic fractions of P. Multicida (M.sc)**
- 3. Production and purification of β -galactosidase from whey (M.sc)**
- 4. Effects of medias and time on production of β -galactosidase (M.sc)**
- 5. Changes of β -galactosidase activity by changes of PH , TEMP. and reducing agents (M.sc)**
- 6. Systematic of laudakia and trapelas by using of protein electrophoresis and morphometry (M.sc)**
- 7. Ethanol production from deproteinised whey in laboratory and pilot plant.(M.sc)**
- 8. Production of highly purified lactalbumin from whey. (M.sc)**
- 9. Diagnostic of H. Pylori by using Elisa. (M.sc)**
- 10. Designing of new Elisa method for measuring neopetrin by pencillinase.(Ph.D)**
- 11. Preparation of Mab for developing Elisa kit for M. agalactie.(Ph.D)**
- 12. Developing Dot- Elisa in diagnosis of hydatidose. (M.sc)**
- 13. Studies for measuring antibodies against ND.virus by Elisa. (M.sc)**
- 14. Measuring antibodies against Anthrax by Elisa. (M.sc)**
- 15. Isolation and purification of streptolysin O . (M.sc)**
- 16. Preparation of co-agglutination kit for rotavirus in infants. (M.sc)**
- 17. Using IFA test for diagnosing IBR .(M.sc)**
- 18. Purification of SLO from M.cytogenesis. (M.sc)**
- 19. Determination of coumaphos in honeys from different places .(M.sc)**
- 20. Prepration and charactrising of Mab against Leshmania major amastigot .(Ph.D)**
- 21.Studing the immune response of sheeps immunised by purified GST .(Ph.D)**
- 22.Application of Dot-ELISA in diagnostic of fasiolyasis. (M.sc)**

- 23. Extraction and purification of penicillin-G-acylase. (M.sc)**
- 24. Extraction and purification of amyloglucosidase. (M.sc)**
- 25. Development of monoclonal antibodies against morphine molecule. (M.sc)**
- 26. Preparation of mycobacterium tuberculosis antigens by ultra sonication for using in latex agglutination test. (M.sc)**
- 27. Study on seroepidemiology of yone on cattles by Elisa. (M.sc)**
- 28. Preparation of monoclonal antibody against mycoplasma agalactiae for using in Elisa to determine it in cow milk. (Ph.D)**
- 29. Cloning & sequencing of HR1 & HR2 region of F-protein gene of Newcastle disease virus isolated from Iran. (M.sc)**
- 30. Purification of immunogen proteins of bacillus anthracis 34F2 strain by HPLC and determining their immunity (D.V.M)**
- 31. Separation & purification of H-protein from RP virus. (M.sc)**
- 32. Determination of valuable effects of Royal gel of honey as supplement of food for chickens. (Ph.D)**
- 33. Designing of a competitive Elisa for measuring antibodies against RP virus. (M.sc)**
- 34. The effect of proper nutrition on Immune system and performance of broilers and layers. (Ph.D)**
- 35. Assessment of digestive enzymes activity of Pepsin, Trypsin, Chymotrypsin, α -amylase, Lipase and Alkaline Phosphatase in Caspian brown trout larvae (*Salmo trutta caspius*) from the hatching time to the early stages after yolk-sac absorption. (M.Sc)**
- 36. Identification of immuno dominant proteins of H.A.A. ticks. (D.V.M)**
- 37. Development of monoclonal antibodies against BM86 antigen of H.A.A. (M.Sc)**
- 38. Molecular characterization and cloning of P40 KD Gene of Mycoplasma Agalactiae isolated from Iran. (M.Sc)**
- 39. Development of monoclonal antibodies against PPR Viruses. (M.Sc)**

- 40. Comparison of P40 KD cytoplasmic membrane protein gene of different isolates of Mycoplasma agalactiae of Iran. (Ph.D)**
- 41. Application of silver nanoparticle coated membranes for detection of antibodies against NS1 peptide (conserved part of protein) by Western blot. (M.Sc)**
- 42. Identification of Fasciola Spp Metacercaria Somotic, ES end Protective antigens and comparing them with adult Fasciola . (Ph.D)**

Teaching Experience

- 1. Biochemistry (Sharif university & Science and Research branch, Azad university, B.Sc & DVM level)**
- 2. Advanced Biochemistry (Science and Research branch, Azad university, Ph.D level)**
- 3. Molecular Biology (Science and Research branch, Azad university, Ph.D level)**
- 4. Vaccinology (Science and Research branch, Azad university, Ph.D level)**
- 5. Immunology (Science and Research branch, Azad university, Ph.D level)**