

Curriculum Vitae



First Name: Bijan

Family Name: Soleymani

Nationality: Iranian

Position: Assistant Professor

Work Address : Medical Biology Research Center (MBRC), Kermanshah University of Medical Sciences, Kermanshah, Iran.

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Date of birth: 1982

Marital status: Married

Cell Phone : +9834276471

Languages: Persian, English and Kurdish

Education:

2010-2016 Ph.D in Molecular Genetics and Biotechnology, Mazanderan University, Mazanderan, Iran.

2005-2007 M.Sc. in Animal Breeding and Genetics, Mazanderan University, Mazanderan, Iran.

1999-2004 B.Sc. in Animal Science, Razi University, Kermanshah, Iran

Awards:

1. Stood in first place in the PhD entrance exam of Molecular Genetics and Biotechnology (2010).

Research Experience:

- 1- Gene Cloning
- 2- Genetic Diversity Studies (molecular markers including RFLP-PCR (PBR), SSCP-PCR, ALP-PCR, Microsatellite and Macrosatellite studies, SNP studies and QTL mapping).
- 3- Gene Expression
- 4- Production of recombinant proteins
- 5- Purification of recombinant proteins
- 6- Segregation of biological activity of recombinant proteins in in vitro media.
- 7- 5 years of experience working in Protein electrophoresis, Western Blot, Molecular Technique including PCR, RT-PCR, Real time PCR, Bioinformatics, Primer design.
- 8- Production, purification and characterization of monoclonal and polyclonal antibodies.

Courses

- 1- Quantitative and Population Genetics
- 2- Molecular Genetics

- 3- Genetic Engineering
- 4- Production of Monoclonal and Polyclonal antibodies

Teaching

- 1- Basic genetic for graduated students.
- 2- Molecular genetics and biotechnology for MSc and PhD students.

Experimental techniques

- 1- DNA and RNA Extraction
- 2- Gene cloning, gene expression and recombinant protein purification
- 3- Cell culture
- 4- ELISA, Western blot and electrophoresis techniques
- 5- PCR, RT-PCR, Real Time PCR
- 6- Production of Monoclonal and Polyclonal Antibodies

References

Dr. Ali Mostafaie

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Publications

Masumeh Mehrabi, Kamran Mansouri, Bijan Soleymani, Zohreh Hoseinkhani, Mohsen Shahlaie, Reza Khodarahmi. Development of a human epidermal growth factor derivative with EGFR-blocking and depleted biological activities: A comparative in vitro study using EGFR-positive breast cancer cells. *Int J Biol Macromol.* 2017, 10(103):275-285.

Bijan Soleymani, Ali Mostafaie, Sayed Hassan Hafezian, Ghodratollah Rahimi Mianji, Kamran Mansouri, Broomand Chaharaein, Ahmad Tajemiri, Mehdi Sharifi Tabar. Bovine sex determining region Y: Cloning, optimized expression and purification. *Animal Biotechnology* Pages 44-52.

Bijan Soleymani, Ali Mostafaie, Sayed Hassan Hafezian, Ghodratollah Rahimi Mianji, Kamran Mansouri, Broomand Chaharaein, Ahmad Tajemiri, Mehdi Sharifi Tabar. Cloning, Expression and Purification of Bovine Recombinant Protein SRY. *Iranian Research On Animal Production.* 2017, accepted.

Rabie rahbar, **Bijan Soleymani**, Broomand Chaharaein. Association of microsatellite markers with production and reproduction traits in Sanjabi Sheep. *Iranian journal of modern genetic* (2016, accepted).

Bijan Soleymani, Ghodrat Rahimi Mianji and Boromand Chaharaein, The segregation of exon 2 BMP15 gene on twining and traits of weight in Sanjabi sheep using PCR-SSCP. 2011, Iranian journal of biology, vol 24, 4: 1-7.

Bijan Soleymani, Ghodrat Rahimi Mianji and Boromand Chaharaein, The effect of GDF9 gene on twining and traits of weight in Sanjabi sheep. 2010, Iranian journal of modern genetic, vol 5, 1:53-59.

Bijan Soleymani, Ghodrat Rahimi Mianji and Boromand Chaharaein, Assessing polymorphism in BM6444, INRA13 and oarhh35 microsatellite markers associated with Inhibin gene in Sanjabi sheep. Iranian Journal of Animal Science. 2012, vol 4 (1): 85-90.

Bijan Soleymani, Boromand Chaharaein, Rabie Rahbar, Hasan Baneh and Vahid Hemati Dost. Genetic Diversity of Sanjabi Sheep Inferred from Microsatellite Markers and Their Association with Fecundity and Body Weight. Research journal of animal science. 2011, 5 (3):34-39.

Farhad Ghafouri Kesbi, Ghodrat Rahimi Mianji, Zarbakt Ansari Pirseraei, Sayed Hassan Hafezian, Hassan Baneh, **Bijan Soleymani**. A genetic study on sexual dimorphism of bodyweight in sheep. Anim Prod Sci, 2014, 55, (1), 101 – 106.

Congress & Conference

Rabie Rahbar, Boromand Chaharaein and **Bijan Soleymani**, Studying of genetic diversity in five microsatellite markers related to the FecB gene in sanjabi sheep. The first National Animal Biotechnology Conference, Isfahan University, Isfahan, Iran - September 2011 (71-73).

Hasan Baneh, Mokhtar Ali Abasi, Fazlolah Afraz, Farhad Ghafouri and **Bijan Soleymani**. Estimation of genetic and phenotypic parameters for weight traits in Ghezel sheep using multivariate analysis. The 4th Congress on Animal Science, Tehran university, Tehran, Iran – September 2010 (3344-3348).

Bijan Soleymani, Boromand Chaharaein, Ghodrat Rahimi Mianji, Hasan Baneh and Arezo Mohamad Hashemi. Detection of Polymorphisms in Microsatellite Markers Related to α -subunits Activin/Inhibin oarhh35 Genes on Chromosome 4 in Sanjabi Sheep. The 4th Congress on Animal Science, Tehran university, Tehran, Iran – September 2010 (3565-3568).

Bijan Soleymani, Boromand Chaharaein, Ghodrat Rahimi Mianji, Arezo Mohamad Hashemi and Hasan Baneh. Investigation the INRA135 microsatellite marker linked with b-inhibin/folistatin located on chromosome 2 in Sanjabi Sheep. The 4th Congress on Animal Science, Tehran university, Tehran, Iran – September 2010 (3581-3585).

Bijan Soleymani, Boromand Chaharaein, Ghodrat Rahimi Mianji, Hasan Baneh and Arezo Mohamad Hashemi. Detection of Polymorphisms in BM6444 Microsatellite Marker Related to α -subunit Inhibin Gene on Q arm Chromosome 2 in Sanjabi Sheep. The 4th Congress on Animal Science, Tehran university, Tehran, Iran – September 2010 (3586-3589).

Hasan Baneh, Mostafa Rezaei, Asieh Ghaderi, Fakhredin Falahati and **Bijan Soleymani**. Detection of environmental effects on wool in Arabi sheep. The International year of natural fibers, Tabriz University, Tabriz, Iran – October 2009 (1-4).

Bijan Soleymani, Ghodrat Rahimi, Boromand Chaharaein. Detection of polymorphism in BMP1B gene in Sanjabi sheep using RFLP-PCR method. The first national biology conference, Gorgan Agricultural Sciences and Natural Resources University, Gorgan, Iran – October 2008 (1-7).

Bijan Soleymani, Ghodrat Rahimi, Boromand Chaharaein. Detection of polymorphism in BMP1B gene in Sanjabi sheep. The 3th Congress on Animal Science, Ferdosi university, Mashhad, Iran – November 2008.

Vahid Hemati Dost, Ghodrat Rahimi Mianji, **Bijan Soleymani** and Hamed Rashidi. Detection of polymorphism Interferon γ in Iranian Holstein Cows using PCR-SSCP. The 8th International Genetic, Tehran University, Tehran, Iran – June 2008.

Fakhredin Falahati, Hadi Saiahzadeh, Ghodrat Rahimi Mianji, Ayoub Farhadi and **Bijan Soleymani**. Detection of polymorphism Ghrelin gene (intron1, exon 1 and 2) at Local Chicken in Mazandaran Breeding Institute. The 1th National Congress in agricultural biotechnology, Azad University, Rasht, Iran – February 2009 (85-91).

Fakhredin Falahati, Hadi Saiahzadeh, Ghodrat Rahimi Mianji, Ayoub Farhadi and **Bijan Soleymani**. Segregation of polymorphism in intron 4 and exon 5 in Ghrelin Hormone in Local Chicken at Mazandaran Breeding Institute. The 1th National Congress in agricultural biotechnology, Azad University, Rasht, Iran – February 2009 (310-313).

Ayoub Farhadi, , Ghodrat Rahimi Mianji, Boromand Chaharaein, ZARBAKHT Ansari, **Bijan Soleymani** and Fakhredin Falahati. Detection of Polymorphisms in BMS1126 Microsatellite Marker Related to b-subunit Inhibin/activin Gene on Chromosome 2 in Sanjabi Sheep. The 1th National Congress in agricultural biotechnology, Azad University, Rasht, Iran – February 2009 (112-115).

Bijan Soleymani, Ghodrat Rahimi, Boromand Chaharaein. Detection of polymorphism in FecG using PCR-SSCP in Sanjabi Sheep. The 1th National Congress in agricultural biotechnology, Azad University, Rasht, Iran – February 2009 (123-126).

Workshops

- Real time – RT PCR
- Gene Expression
- Cloning Vector
- RNA Extraction
- DNA Extraction
- Gene Transfer
- Expression Vector
- Genetic Engineering
- Bioinformatics in Molecular Genetic
- Primer Design

- SAS and SPSS Software
- Molecular Markers
- Gromacs Software
- Animal laboratory

Interests

I am very interested to carry out projects in fields that I shall say about them:

- microRNA
- siRNA
- QTL Detection
- Gene expression
- Gene Transfer
- Production of Monoclonal Antibody
- Production of Polyclonal Antibody
- Production of Vaccine
- Protein Purification and Extraction
- NGS