



*Faculty of Veterinary Medicine*

*University of Tehran*



## ***Curriculum Vitae***



### ➤ ***Personal Information:***

First name: **Sirous**

Surname: **Sadeghian Chaleshtori**

Gender: **Male**

Nationality: **Iranian**

Date of birth: **09.23.1984**

Employment:

- Associate Professor of Large Animal Internal Medicine
- Academic member of Faculty of Veterinary Medicine, University of Tehran and

Institute of Biomedical Research, Faculty of Veterinary Medicine, University of Tehran

### ➤ ***Interests:***

#### ➤ ***Biomedical Research including:***

- 1) Cardiovascular and Pulmonary Systems in Animals
- 2) Herd Health
- 3) Stem Cells and Tissue Engineering in Regenerative Medicine
- 4) Transplantation and Treatment with Stem Cells and Cell Products in Diseases

➤ ***Published papers in International Journals***

1. Javad Abbasi, Mohammad Reza Mokhber Dezfouli, Alireza vajhi, Peyman Dehghan Rahimabadi, **Sirous Sadeghian Chaleshtori**, Mohammad Reza Esmailinejad, Omid Zehtabvar, Mohammad Nouri. Diagnostic Imaging of Ventricular Septal Defect in an Iranian Shall Lamb. Veterinary Research Forum. Accept. (IF: 1.1-Q3)
2. Mohammad Ebrahim Mahaki, **Sirous Sadeghian Chaleshtori\***, Mostafa Abdollahi, Iradj Ashrafi Tamai, Hasti Azarabad, Nima Mahaki. Granulomatous Omentitis in Multiple Sheep Associated With Trueperella pyogenes and Corynebacterium pseudotuberculosis: A Case Series. Veterinary Medicine and Science. 2025; 11: e70649. (IF: 1.7-Q2)
3. **Sirous Sadeghian Chaleshtori\***, Zanyar Pirkani, Massoumeh Jabbari Fakhr, Mona Mokhber. The use of extracellular vesicles as a promising therapeutic approach for pulmonary diseases. Health Science Reports. 2025; 8: e70853. (IF: 2.1-Q2)
4. Zanyar Pirkani, Mohammad Reza Mokhber Dezfouli, **Sirous Sadeghian Chaleshtori\***, Faezeh Shekari, Massoumeh Jabbari Fakhr, Neda Sabetzadeh. Clinical consequences of treatment with nebulized extracellular vesicles in an experimental model of acute respiratory distress syndrome. Journal of Veterinary Research. 2025; 80(2): 87-97.
5. Mahdokht Khanamooei, Seyed Mehdi Ghamsari, Shahin Bonakdar, Hossein Aminianfar, Saeed Farzad-Mohajeri, Fatemeh Saadinam, Massoumeh Jabbari Fakhr, Nazanin Samiei, Parisa Asgharpour, Davoud Shams, Sirous Sadeghian Chaleshtori, Mohammad Reza Mokhber Dezfouli, Mohammad Mehdi Dehghan. Cell Imprint-Mediated Differentiation of Adipose-Derived Stem Cells Into Keratinocytes Enhances Wound Healing on Collagen-Based Scaffolds: An Ovine Model Study. Wound Repair and Regeneration, 2025; 33: e70037. (IF: 3.4-Q1)
6. **Sirous Sadeghian Chaleshtori\***, Mohammad Reza Mokhber Dezfouli, Abolfazl Najd Ghahremani, Neda Sabetzadeh. Determining the reference values for arterial blood gas, electrolytes and acid-base in healthy male sheep of Iranian Shall breed. Veterinary Research Forum. 2025; 16 (3): 175 – 179. (IF: 1.1-Q3)
7. Marzieh Mokhber Dezfouli, Zohre Eftekhari, **Sirous Sadeghian Chaleshtori**. The Factors Effect on Natural Lung Surfactant Content for the Treatment of Respiratory Distress Syndrome. Iranian Journal of Veterinary Medicine. 2025; 19(1): 93-104.
8. Parham Soufizadeh, Gholamreza Nikbakht Brujeni, Mohammad Mehdi Dehghan, Massoumeh Jabbari Fakhr, Pouya Houshmand, Mahyar Mohebbi, Hossein Aminianfar, **Sirous Sadeghian Chaleshtori**. Preventing the rejection of skin allografts by immunomodulatory and regenerative effects of exosomes derived from bone marrow

- mesenchymal stem cells in mice. Iranian Journal of Basic Medical Sciences. 2025; 28: 469-476. **(IF: 2.1-Q3)**
9. Mohammad Ebrahim Mahaki, **Sirous Sadeghian Chaleshtori\***, Hasti Azarabad, Arman Shokri. Omental lipoma in a slaughtered lamb. Iranian Journal of Veterinary Medicine. 2024; 18 (4): 619-624.
  10. **Sirous Sadeghian Chaleshtori\***, Shima Roayae. Inhalation therapy – the optimal route of drug administration for the treatment equine of respiratory diseases. Pferdeheilkunde, Equine Medicine. 2024; 40: 1–12.
  11. Sirous Sadeghian Chaleshtori, Mohammad Reza Mokber Dezfouli, Alireza Vajhi, Abolfazl Najd Ghahremani, Neda Sabetzadeh, Javad Abbasi. Right parasternal echocardiographic reference values in the healthymale Iranian Shall sheep. Veterinary Medicine and Science. 2024; 10: e1535. **(IF: 1.8 – Q2)**
  12. Hamid Tavanaeimanesh, Zahra Alinia, **Sirous Sadeghian Chaleshtori**, Hamidreza Moosavian, Zeinab Mohebi, Mojtaba Daneshi. The efficacy of N-acetylcysteine in decreasing airway inflammation and mucus accumulation in horses with 18 hours of head confinement. Journal of Veterinary Internal Medicine. 2024; 38: 1224–1231. **(IF: 2.6 – Q1)**
  13. Abolfazl Najd Ghahremani, Sirous Sadeghian Chaleshtori\*, Mohammad Reza Mokhber Dezfouli, Mohammad Mehdi Dehghan, Fatemeh Barzegar, Neda Sabetzadeh, Massoumeh Jabbari Fakhr.Design, Fabrication and In-Vitro Characterization of Injectable Chitosan/ Polyvinyl Alcohol Hydrogel Scaffold for Heart Tissue Engineering. Regeneration, Reconstruction & Restoration. 2024; 9: e18.
  14. Javad Abbasi, Arasb Dabbagh Moghaddam, Mohammad Hashemi, Sirous Sadeghian Chaleshtori, Ali Khanjari. Improvement of the Immune System with Two Types of Emergency Rations in the Murine Animal Model. Journal of Nutrition, Fasting and Health. 2023; 11(4): 260-267
  15. Alireza Vajhi, Mohammad Reza Mokhber- Dezfouli, omid zehtabvar, **Sirous Sadeghian Chaleshtori**, Seyyed Hossein Modarres Tonekabony, Reihaneh Soflaei, Javad Abbasi. Normal Computed Tomography and radiographic Study of the Nasal Cavity and Paranasal Sinuses in Shal Sheep (Ovis arries). Iranian Journal of Veterinary Surgery. 2023; 18(2), 133-144.
  16. Afshin Noori, Mohamad Reza Mokhber Dezfouli, Sarah Rajabi, Fatemeh Ganji, Zahra Ghezelayagh, Elie El Agha, Hossein Baharvand, **Sirous Sadeghian Chaleshtori\***, Yaser Tahamtani. Decellularized Lung Extracellular Matrix Scaffold Promotes Human Embryonic Stem Cell Differentiation towards Alveolar Progenitors. Cell Journal. 2023; 25 (6), 372-382. **(IF: 3.2 – Q3)**

17. Masomeh Jabbari Fakhr, Mohamad Reza Mokhber Dezfouli, **Sirous Sadeghian Chaleshtori\***. Animal Models and Methods of Myocardial Infarction Induction and the Role of Tissue Engineering in the Regeneration of Damaged Myocardium. *Current Stem Cell research & Therapy*. 2023: 18, 676-689. (IF: 3.7 – Q3)
18. **Sirous Sadeghian Chaleshtori\***, Mohamad Reza Mokhber Dezfouli, Mohammad hasan Naji zadeh, Gholamreza Nikbakht Brujeni. Measurement of ANP, BNP and endothelin-1 concentrations in jumping horses with heart valvular regurgitation and their correlation with the dimensions of heart structures. *Equine Veterinary Education*. 2022; 1-11. (IF: 1.2 – Q2)
19. Mohamad Reza Mokhber Dezfouli, Faisal Zarghami Faisal, Sadegh Rahbari, Elahe Ebrahimzadeh Abkooh, Samad Lotfollahzadeh, **Sirous Sadeghian Chaleshtori**, Parviz Shayan. Protection of Calves Against Cryptosporidiosis by Hyperimmunization of Pregnant Cattle Colostrum Using Oocyst Whole Antigens. *Iranian Journal of Veterinary Medicine*. 2022; 16(4), 380-389.
20. Mohammad Reza Mokhber Dezfouli, Massoume Jabbari Fakhr, **Sirous Sadeghian Chaleshtori\***, Mohammad Mehdi Dehghan, Alireza Vajhi and Roshanak Mokhtari. Intrapulmonary autologous transplant of bone marrow-derived mesenchymal stromal cells improves lipopolysaccharide-induced acute respiratory distress syndrome in rabbit. *Critical Care*. 2018: 22, 353. (IF: 19.50 – Q1)
21. Farzaneh Hashemi Nasr, Sepideh Khoee, Mohammad Mehdi Dehghan, **Sirous Sadeghian Chaleshtori**, Abbas Shafiee. Preparation and Evaluation of Contact Lenses Embedded with Polycaprolactone-Based Nanoparticles for Ocular Drug Delivery. *Biomacromolecules*. 2016; 17: 485–495. (IF: 6.988 – Q1)
22. **Sirous Sadeghian Chaleshtori**, Mohamad Reza Mokhber Dezfouli, Masomeh Jabbari Fakhr. Mesenchymal stemstromal cells the therapeutic effects in animal models of acute pulmonary diseases. *Respiratory Research*. 2020: 21, 1-11. (IF: 5.631 – Q1)
23. **Sirous Sadeghian Chaleshtori\***, Mohamad Reza Mokhber Dezfouli, Javad Abbasi, Mohammad Mehdi Dehghan, Masomeh Jabbari Fakhr, Shokufeh Yadollahi, Mohamad Mehdi Mirabad. Prevention of LPS-induced acute respiratory distress syndrome in sheep by bone marrow-derived mesenchymal stem/stromal cells. *Life Sciences*. 2020: 263. (IF: 5.037 – Q1)
24. Hamid Tavanaeimanesh, **Sirous Sadeghian Chaleshtori**, Hamid Reza Moosavian, Omid Zabeh Jazi. Prevalence of Obesity and Equine Metabolic Syndrome (EMS) Among Grazing and Non-Grazing Horses. *Iranian Journal of Veterinary Medicine*. 2022.
25. Javad Sadeghinezhad, Zahra Ganji, **Sirous Sadeghian Chaleshtori\***, Hadis Bojarzadeh, Mahdi Aghabalazadeh Asl, Ali Bayat Khomejini, Ehsan Roominai, Mohsen Hosseini, Margherita De Silva. Morphometric study of the testis in sheep embryos using unbiased

- design-based stereology. *Anatomia, Histologia, Embryologia*. 2021; 50: 1026-1033. (IF: 1.114 – Q3)
26. Mohammad Reza Mokhber Dezfouli, Hamid Tavanaeimanesh, Kcorley, **Sirous Sadeghian Chaleshtori**. Effects of xylazine and acepromazine on echocardiographic parameters in the healthy horse. *PFERDEHEILKUNDE*. 2020: 36, 37-42. (IF: 0.284 – Q4)
  27. **Sirous Sadeghian Chaleshtori\***, Mohammad Reza Mokhber Dezfouli, Javad Abbasi, Massoumeh Jabbari Fakhr, Alireza Vajhi, Mohammad Reza Esmaeilnejad, Saeed Farzad Mohajeri. Imaging of stem cell therapy in Acute Respiratory Distress Syndrome in sheep and its relationship with histopathology. Preprint.
  28. Mohammad Reza Mokhber Dezfouli, **Sirous Sadeghian Chaleshtori**, Azadeh Moradmam, Mohsen Basiri, Hossein Baharvand, Yaser Tahamtani. Hydrocortisone promotes differentiation of mouse embryonic stem cell derived definitive endoderm towards lung alveolar epithelial cells. *Cell Journal*. 2019; 20 (4): 469-476. (IF: 2.479 – Q4)
  29. Mohammad Reza Mokhber Dezfouli1, **Sirous Sadeghian Chaleshtori1\***, Mohammad Mehdi Dehghan, Hamid Tavanaeimanesh, Hossein Baharvand, Yaser Tahamtani. The therapeutic potential of differentiated lung cells from embryonic stem cells in lung diseases. *Current Stem Cell Research & Therapy*. 2017; 12 (1): 80-84. (IF: 3.828 – Q3)
  30. **Sirous Sadeghian Chaleshtori\***, Mohammad Reza Mokhber Dezfouli1, Mohammad Mehdi Dehghan, Hamid Tavanaeimanesh. Generation of lung and airways epithelial cells from embryonic stem cells in vitro. *Critical Reviews™ in Eukaryotic Gene Expression*. 2016; 26: 1-10. (IF: 1.807 – Q4)
  31. Mohammad Mahdi Mirabad, Mohammad Reza Mokhber Dezfouli1, Ali Rezakhani, Samad Lotfollahzadeh, **Sirous Sadeghian Chaleshtori\***, Hesameddin Akbarein. The study on the prevalence of irregularity in rhythm and heart sound in apparently healthy small ruminants. *Iranian Journal of Ruminants Health Research*. 2019: 2, 75-92.
  32. Mokhber Dezfouli, M.R., Tavanaeimanesh, H., Dehghan, M.M., Hayati, F., **Sadeghian Chaleshtori, S.**, Akbarein, H., Pournaghi, P. Doppler echocardiographic findings in tissue engineered aortic valve in a sheep model. *Iranian Journal of Veterinary Medicine*. 2016; 10: 127-133.
  33. Mokhber Dezfouli M.R, Abbasi J, **Sirous Sadeghian Chaleshtori\***, Akbarein H, Khanjari A. Prevalence of Liver Parasitic Infections in Sheep and Cattle Slaughtered in Torbat-E-Heidarieh Abattoir, Northeast Iran. *Journal of Ruminant Health Research*. 2016; 1 (2): 17-22.
  34. H. Tavanaeimanesh, M.M. Dezfouli, A. Vajhi, A. Rostami, V. Akbarinejad, **S. Sadeghian Chaleshtori**, K.T.T. Corley. The effect of 7.2% hypertonic saline solution on

echocardiographic parameters of healthy horses. *Equine Veterinary Journal*. 2015; 47: 741-744. (IF: 2.888 – Q1)

35. Mahmoud Bahmani, Javad Abbasi, Ava Mohsenzadegan, **Sirous Sadeghian Chaleshtori**, Majid Gholami Ahangaran. Allium sativum L.: the anti-immature leech (*Limnatis nilotica*) activity compared to Niclosomide. *Comparative Clinical Pathology*. 2013; 22: 165-168.
36. Gholam Ali Kojouri, Hossein Nourani, **Sirous Sadeghian Chaleshtori**, Hadi Imani, Abbas Raisi. Pathological Findings of Slaughtered Camels in Najaf-Abad. *Veterinary Research Forum*. 2014; 5: 231–235. (IF: 1.054 – Q3)
37. Mohammad Reza Mokhber Dezfouli, Zohre Eftekhari, **Sirous Sadeghian Chaleshtori**, Alireza Bahounar, Mahyar Jeloudari. Evaluation of hematological and biochemical profiles in dairy cows with left displacement of the abomasum. *Comparative Clinical Pathology*. 2013; 22: 175-179.
38. **Sirous Sadeghian\***, Gholam Ali Kojouri, Abdonnaser Mohebbi. Nanoparticles of Selenium as Species with Stronger Physiological Effects in Sheep in Comparison with Sodium Selenite. *Biological Trace Element Research*. 2012; 146: 302-308. (IF: 3.738 – Q3)
39. Gholam Ali Kojouri, **Sirous Sadeghian\***, Abdonnaser Mohebbi, Mohammad Reza Mokhber Dezfouli. The Effects of Oral Consumption of Selenium Nanoparticles on Chemotactic and Respiratory Burst Activities of Neutrophils in Comparison with Sodium Selenite in Sheep. *Biological Trace Element Research*. 2012; 146: 160-166. (IF: 3.738 – Q3)
40. Mohammad Reza Mokhber Dezfouli, Samad Lotfollahzadeh, **Sirous Sadeghian Chaleshtori\***, Gholam Ali Kojouri, Zohre Eftekhari, Farshid Khadivar, Ali Bashiri. Blood electrolytes changes in peritonitis of cattle. *Comparative Clinical Pathology*. 2012; 21: 1445-1449.
41. **Sirous Sadeghian\***, Mohammad Reza Mokhber Dezfouli, Gholam Ali Kojouri, Taghi Taghipour Bazargani, Abbas Tavasoli. *Pasteurella multocida* pneumonic infection in goat: Hematological, biochemical, clinical and pathological studies. *Small Ruminant Research*. 2011; 100: 189–194. (IF: 1.611 – Q3)
42. Ali Asghar Tehrani, **Sirous Sadeghian Chaleshtori\***, Javad Javanbakht, Abbas Imani, Shabnam Sadeghzadeh. Studies of clinical and histopathological lesions resulting from psoroptes cuniculi mange in domestic rabbits. *Biochemical and Cellular Archives*. 2011; 11: 221-226.
- 43.

➤ ***Published papers in International Conferences:***

1. Neda Sabetzadeh, Mona Mokhber, Abolfazl Najd Ghahremani, Massoumeh Jabbari Fakhr, **Sirous Sadeghian Chaleshtori**. Ascorbic Acid and Fibroblast Growth Factor-2 Promotes Cardiomyocyte Differentiation from Stromal Vascular Fraction. 19th Congress on Stem Cell Biology and Technology, 29-30 August 2023, Tehran-Iran.
2. Neda Sabetzadeh, Fatemeh Barzegar, Mona Mokhber, Massoumeh Jabbari Fakhr, **Sirous Sadeghian Chaleshtori**. A Novel Thermo-Sensitive and Conductive Hydrogel for Cardiac Application. 19th Congress on Stem Cell Biology and Technology, 29-30 August 2023, Tehran-Iran.
3. **Sirous Sadeghian Chaleshtori**. Tissue engineering in heart diseases. 2nd European Congress on Tissue Science, Stem Cell and Regenerative Medicine. 29-30 June 2023, Barselon-Spain. Keynote Presentation.
4. **Sirous Sadeghian Chaleshtori**. Choosing a suitable animal model for causing myocardial infarction. 3RD EDITION OF CARDIOLOGY WORLD CONFERENCE. 14-15 September 2022. USA. Oral Presentation.
5. **Sirous Sadeghian Chaleshtori**. Pharmaceutical residues in the products of animal origin and the risks of public health. 3rd International Conference on PHARMACOLOGY AND TOXICOLOGY & NANO MEDICINE AND ADVANCED DRUG DELIVERY. 29-30 August 2022. Bangkok-Thailand. Oral Presentation.
6. **Sirous Sadeghian Chaleshtori**. The importance of ARDS modeling in the development of modern therapies. 3rd International Conference on Respiratory Disease and Care. 24 June 2022. Singapore. Keynote Presentation.
7. **Sirous Sadeghian Chaleshtori**. Heart Disease: The Efficacy of Stem Cells and Hydrogel Scaffolds. The International E-Conference on Cardiology and Cardiovascular Diseases. 12 August 2021, London-England. Oral Presentation.
8. **Sirous Sadeghian Chaleshtori**. Stem cell models of lung development and repair. The International Conference on FUTURE OF PREVENTIVE MEDICINE AND PUBLIC HEALTH. 21-22 June 2021, Germany. Oral Presentation.
9. **Sirous Sadeghian Chaleshtori**. The role of stem cells in treatment of the pulmonary diseases. International Congress on Veterinary Anatomical Sciences. 3-4 March 2021, Tehran-Iran. Oral Presentation.
10. **Sirous Sadeghian Chaleshtori**, Mohamad Reza Mokhber Dezfouli, Javad Abbasi, Mohammad Mehdi Dehghan, Masoumeh Jabbari Fakhr , Delaram Shabanmalekshah.

Analysis of the Blood Differential Test for the Prognosis of Cell-Based Therapy in Acute Lung inflammatory Phenotypes. *The 3rd National Festival International Congress on Stem Cells and Regenerative Medicine*. 28 November- 1 December 2018, Tehran-Iran.

11. **Sirous Sadeghian Chaleshtori**, Mohamad Reza Mokhber Dezfouli, Javad Abbasi, Mohammad Mehdi Dehghan - Ali Reza Vajhi - Masoumeh Jabbari Fakhr, Mohammad Reza Esmaeilnejad. Imaging of Lung in Following Stem Cell Therapy in the Preclinical Study. *The 3rd National Festival International Congress on Stem Cells and Regenerative Medicine*. 28 November- 1 December 2018, Tehran-Iran.
12. **Sirous Sadeghian Chaleshtori**, Mohamad Reza Mokhber Dezfouli, Masoumeh Jabbari Fakhr. Decentralization of whole lung matrix by perfusion system. *4th Iranian Congress on Progress in Tissue Engineering and Regenerative Medicine*. 17-19 November 2018, Tehran-Iran.
13. **Sirous Sadeghian Chaleshtori**, Mohamad Reza Mokhber Dezfouli, Mohammad Mehdi Dehghan, Javad Abbasi, Masoumeh Jabbari Fakhr. Effects of Autologous Transplantation of Bone Marrow-Derived Mesenchymal Stem Cells on Arterial Blood Gas Pressure in Experimental Model of Acute Respiratory Distress Syndrome in sheep. *14th Congress on Stem Cell Biology and Technology*. 29-31 August 2018, Tehran-Iran.
14. Mohamad Reza Mokhber Dezfouli, Mohammad Mehdi Dehghan, Masoumeh Jabbari Fakhr - Shokufe Yadollahi, Javad Abbasi, **Sirous Sadeghian Chaleshtori**. Evaluation of Pulmonary Vascular Permeability Following Using Intratracheal of Marrow-Derived Mesenchymal Stem Cells in Experimental Model of Acute Respiratory Distress Syndrome in Sheep. *14th Congress on Stem Cell Biology and Technology*. 29-31 August 2018, Tehran-Iran.
15. **Sirous Sadeghian Chaleshtori**, Mohamad Reza Mokhber Dezfouli, Mohammad Mehdi Dehghan, Ali Reza Vajhi, Javad Abbasi, Masoumeh Jabbari Fakhr, Mohammadreza Esameilnejad. Acute Respiratory Distress Syndrome effects on the sheep cardiovascular system assessed by echocardiography. *20th Iranian Veterinary Congress -1 International IranVet Exhibition*. 23-25 July 2018, Tehran-Iran.
16. Mohamad Reza Mokhber Dezfouli, Javad Abbasi, **Sirous Sadeghian Chaleshtori**, Mohammad Mehdi Dehghan, Masoumeh Jabbari Fakhr. Clinical Effects of Cell Based Therapy on Large Animal Model of Acute Respiratory Distress Syndrome. *20th Iranian Veterinary Congress -1 International IranVet Exhibition*. 23-25 July 2018, Tehran-Iran.
17. Mohamad Reza Mokhber Dezfouli, Javad Abbasi, **Sirous Sadeghian Chaleshtori**, Mohammad Mehdi Dehghan, Masoumeh Jabbari Fakhr. Study of Adult Stem Cells Effects on Ovine Cytokines Following Acute Respiratory Distress Syndrome (ARDS). *The First*



*International Iranian Tissue Engineering and Regenerative Medicine Congress. 18-20 July 2018, Tehran-Iran*

18. **Sirous Sadeghian Chaleshtori**, Mohamad Reza Mokhber Dezfouli, Mohammad Mehdi Dehghan, Ali Reza Vajhi, Masoumeh Jabbari Fakhr, Roshanak Mokhtari, Delaram Shabanmalekshah. CT-Scan an Approach for the Diagnosis and Follow up Stem Cell Therapy in Respiratory Failure. *The First International Iranian Tissue Engineering and Regenerative Medicine Congress. 18-20 July 2018, Tehran-Iran.*
19. EhsanQasemi, Mohamad Mehdi Dehghan, Behnaz Bakhshandeh, **Sirous Sadeghian Chaleshtari**, Masoumeh Jabbari Fakhr, Zohreh Jahanafrooz. Evaluation of the Osteogenic Induction of Adipose Tissue-Derived Mesenchymal Stem Cells by OCS-B Collagen Scaffold and Osteoblast-Derived Microvesicles. *1st nanotechnology in health sciences congress. 9-10 May 2018, Hamedan-Iran.*
20. Mohamad Reza Mokhber Dezfouli, **Sirous Sadeghian Chaleshtori**, Mohammad Mehdi Dehghan, Masoumeh Jabbari Fakhr. Effects Administration of Bone Marrow-Derived Mesenchymal Stem Cells (BM-MSCs) on cytokines in rabbit Acute Respiratory Distress Syndrome (ARDS). *The Second National Festival & International Congress on Stem Cells & Regenerative Medicine. 13-15 July 2017, Tehran-Iran.*
21. Mohamad Reza Mokhber Dezfouli, **Sirous Sadeghian Chaleshtori**, Mohammad Mehdi Dehghan, Masoumeh Jabbari Fakhr. Arterial Blood-Gas Pressure in Rabbit Following Intrapulmonary Administration of Bone Marrow-Derived Mesenchymal Stem Cells (BM-MSCs) In Experimental Model of Acute Respiratory Distress Syndrome (ARDS). *The Second National Festival & International Congress on Stem Cells & Regenerative Medicine. 13-15 July 2017, Tehran -Iran.*
22. Mohamad Reza Mokhber Dezfouli, **Sirous Sadeghian Chaleshtori**, Mohammad Mehdi Dehghan, Masoumeh Jabbari Fakhr. Changes of Peripheral Blood Factors of Rabbit Following Intrapulmonary Administration of Bone Marrow-Derived Mesenchymal Stem Cells (BM-MSCs) In Experimental Model of Acute Respiratory Distress Syndrome (ARDS). *2nd International Stem Cells &Regenerative Medicine Congress. 19-21 April 2017, Mashhad -Iran.*
23. Mohamad Reza Mokhber Dezfouli, **Sirous Sadeghian Chaleshtori**, Mohammad Mehdi Dehghan, Masoumeh Jabbari Fakhr. Improvement of Clinical Signs Experimental Model of Acute Respiratory Distress Syndrome (ARDS) In Rabbit Following Intrapulmonary Administration of Bone Marrow-Derived Mesenchymal Stem Cells (BM-MSCs). *2nd*

*International Stem Cells &Regenerative Medicine Congress.* 19-21 April 2017, Mashhad - Iran.

24. **Sirous Sadeghian Chaleshtori**, Aghil Sharifzadeh, Javad Ragh, Ali Ahmadi, Abolfazl Kalhori, Amir Alijani. The occurrence of ringworm caused by *Trichophyton verrucosum* in a the dairy farm. *The 4th International Congress of Large Animal Practitioners (ICLAP 2017)* 8-9 February 2017, Tehran-Iran.
25. Mohammad Reza Mokhber Dezfouli, Alireza Vajhi, **Sirous Sadeghian Chaleshtori**, Omid Zehtabvar, Javad Abbasi, Mohammad Reza Esmaili Nejad, Reihaneh Soflaei. The occurrence of ventricular septal defect (VSD) in a three month old Shal lamb; a case report. *The 4th International Congress of Large Animal Practitioners (ICLAP 2017)* 8-9 February 2017, Tehran-Iran.
26. Mohammad Reza Mokhber Dezfouli, Alireza Vajhi, Omid Zehtabvar, **Sirous Sadeghian Chaleshtori**, Javad Abbasi, Mohammad Reza Esmaili Nejad, Reihaneh Soflaei. Normal Computed Tomography study of the nasal cavity and paranasal sinuses in Shal's sheep. *The 4th International Congress of Large Animal Practitioners (ICLAP 2017)* 8-9 February 2017, Tehran-Iran.
27. **Sirous Sadeghian Chaleshtori\***, Gholam Ali Kojouri, Massoumeh Jabbari Fakhr. The Comparative Evaluation Effects of Selenium Nanoparticles and Sodium Selenite on Respiratory Burst Activity of Neutrophils in Sheep. *3rd International Congress of Veterinary Pharmacology & Pharmaceutical Sciences.* 25 - 27 May, 2016. Shahrekord-Iran.
28. **Sirous Sadeghian Chaleshtori\***, Gholam Ali Kojouri, Massoumeh Jabbari Fakhr. The Effects of Oral Consumption of Selenium Nanoparticles on the Antioxidative Activity of Neutrophils in Sheep. *3rd International Congress of Veterinary Pharmacology & Pharmaceutical Sciences.* 25 - 27 May, 2016. Shahrekord-Iran.
29. **Sadeghian Chaleshtori Sirous\***, Mokhber Dezfouli Mohammad Reza, Baharvand Hossein, Tahamtani Yaser. Generation of Pulmonary Surfactant Proteins-Expressing Endocrine Cells from Mouse Embryonic Stem Cells by Cortisol. *The First National Festival & International Congress on Stem Cell and Regenerative Medicine.* 19 - 21 May, 2016. Tehran-Iran. Oral.
30. Mokhber Dezfouli Mohammad Reza, **Sadeghian Chaleshtori Sirous\***, Baharvand Hossein, Tahamtani Yaser. Hydrocortisone Plus FGF2 Support Differentiation of Mouse Embryonic Stem Cells into Pulmonary Surfactant Proteins-Expressing Endocrine Cells. *The First National Festival & International Congress on Stem Cell and Regenerative Medicine.* 19 - 21 May, 2016. Tehran-Iran.

31. Mohammad Reza Mokhber Dezfouli, **Sirous Sadeghian Chaleshtori\***. Pulmonary Diseases of Horse: New Treatment ways. *The 1st International Congress of Large Animal Internal Medicine*. 4-6 May 2016. Shiraz-Iran.
32. **Sirous Sadeghian Chaleshtori\***, Gholam Ali Kojouri. Selenium Nanoparticles with Stronger Effects on Chemotactic Activity of Neutrophils in Sheep in Compared with Sodium Selenit. *The 1st International Congress of Large Animal Internal Medicine*. 4-6 May 2016. Shiraz-Iran.
33. Mohammad Reza Mokhber Dezfouli<sup>1</sup>, Zohre Eftekhari, **Sirous Sadeghian Chaleshtori**, Hamid Tavanaemanesh. Surfactant and the role in treatment of neonates respiratory distress syndrome (nRDS). *The 1st International Congress of Large Animal Internal Medicine*. 4-6 May 2016. Shiraz-Iran.
34. Mokhber dezfouli MR, Abbasi J, Samarghandi Z, **Sadeghian chaleshtori S**, Yadollahi SH. Prevalence rate of cutaneous Leishmaniasis in Torbat-eHeydarieh Region, Khorasan Razavi province (2009-2010). *The 24th Iranian Congress on Infectious Disease and Tropical Medicine*. 19-23 Dec 2015. Tehran-Iran.
35. Mokhber dezfouli MR, Abbasi J, Samarghandi Z, **Sadeghian chaleshtori S**, Yadollahi SH, Akbarein H, Amani Z. Incidence rate and some of epidemiological indices of brucellosis in exposed people referred to Qazvin province health centers during 2002 to 2009. *The 24th Iranian Congress on Infectious Disease and Tropical Medicine*. 19-23 Dec 2015. Tehran-Iran.
36. **Sirous Sadeghian Chaleshtori\***, Mohammad Reza Mokhber Dezfouli, Yaser Tahamtani, Hossein Baharvand, Azadeh Moradmand, Massoumeh Jabbari Fakhr. A549-Condition Medium plus FGF2 Support mouse Embryonic Stem Cells Differentiation into Alveolar Epithelial Type II Cells. *Royan International Twin Congress, 16th Congress on Reproductive Biomedicine and 11th Congress on Stem Cell Biology and Technology*. 2-4 September 2015, Tehran-Iran.
37. Mohammad Reza Mokhber Dezfouli, **Sirous Sadeghian Chaleshtori\***, Yaser Tahamtani, Hossein Baharvand, Mohsen Basiri, Massoumeh Jabbari Fakhr. Differentiation of Alveolar Epithelial Type II Cells from mouse Embryonic Stem Cells by A549-Condition Medium plus Hydrocortisone. *Royan International Twin Congress, 16th Congress on Reproductive Biomedicine and 11th Congress on Stem Cell Biology and Technology*. 2-4 September 2015, Tehran-Iran.
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*International Twin Congress, 16th Congress on Reproductive Biomedicine and 11th Congress on Stem Cell Biology and Technology. 2-4 September 2015, Tehran-Iran.*

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40. Mohammad Reza Mokhber Dezfouli, **Sirous Sadeghian Chaleshtori\***, Hossein Baharvand, Yaser Tahamtani, Shokufe Yadollahi. Effects of A549-Condition Medium on mouse Embryonic Stem Cells Differentiation into Alveolar Epithelial Type II Cells. *Stem Cells & Regenerative Medicine International Congress. 20-22 May 2015, Mashhad-Iran.* Poster presentation.
41. Mohammad Reza Mokhber Dezfouli, **Sirous Sadeghian Chaleshtori\***, Hossein Baharvand, Yaser Tahamtani, Shokufe Yadollahi. IDE2 Efficiently Direct Endodermal Differentiation of mouse Embryonic Stem Cells. *Stem Cells & Regenerative Medicine International Congress. 20-22 May 2015, Mashhad-Iran.* Poster presentation.
42. **Sadeghian Chaleshtori S\***, Mokhber Dezfouli MR, Najizadeh MH, Abbasi J. Survey of outbreak and hematology, biochemical and histopathology of pneumonic pasteurellosis in goat. *The 3st International congress of Large Animal Practitioners (ICLAP 2015) 8-9 January 2015, Tehran-Iran.* Oral presentation.
43. Mokhber Dezfouli MR, **Sadeghian Chaleshtori S\***, Najizadeh MH. Hematology and gross pathology of hemonchosis in sheep under grazing conditions. *The 3st International congress of Large Animal Practitioners (ICLAP 2015) 8-9 January 2015, Tehran-Iran.* Poster presentation.
44. Mokhber Dezfouli MR, Abbasi J, **Sadeghian Chaleshtori S\***, Akbarein H, Najizadeh MH, Irvani A. Prevalence of Liver parasitic Infections in sheep and cattle slaughtered in Torbat-e-heidarieh municipal abattoir, Northeast Iran. *The 3st International congress of Large Animal Practitioners (ICLAP 2015) 8-9 January 2015, Tehran-Iran.* Poster presentation.

➤ **Awards:**

1. Winner of British Equine Association World award in 2023 (The Peter Rossdale EVE Literary Award)

2. Winner of the award of the selected academic faculty member of Tehran University in 2022.
3. Winner of annual best student researches of University of Tehran (2012).
4. Excellent student in DVSc of Faculty of Veterinary Medicine, University of Tehran (2011).