



## Samareh Fekri Mitra

### Pulmonologist

#### Contact Information

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**Address:** Internal Medicine department, Pulmonary department

Afzalipour University Hospital

#### Academic rank

Professor

#### School

School of Medicine

#### Hospital

Afzalipour Hospital

#### Research center

Physiology Research Center, Neuropharmacology Research

#### About me

In addition to specialty field, my interests are in Walking, Swimming, English Learning

My Main Research Areas: COPD, Pulmonary Fibrosis, Interventional Bronchoscopy, Asthma, Covid-19

## Education

### 1. MD

Tehran University of Medical Sciences (TUMS), 1984-1991.

### 2. Resident

Kerman University of Medical Sciences (KMUS), 1997-2001.

### 3. Fellowship

Tehran University of Medical Sciences (TUMS), 2003-2005

#### **4. Subspecialist Training**

Medical Education Fellowship, 2015-2016

### **Experiences**

#### **Scientific Position**

##### **Teaching**

###### **1. Clinical teaching of Residency of Internal Medicine**

Afzalipour Hospital, Kerman University of Medical Sciences (KUMS), Kerman, Iran, 2005-Present

###### **2. Clinical teaching of Medical Students**

Afzalipour Hospital, Kerman University of Medical Sciences (KUMS), Kerman, Iran, 2001-Present

###### **3. Pathophysiology of Medical students**

Afzalipour Hospital, Kerman University of Medical Sciences (KUMS), Kerman, Iran, 2001-Present

#### **Thesis and Dissertations (as supervisor)**

1. Evaluation of serum level of vascular endothelial growth factor in patients with coronavirus (COVID-19) in patients referred to Afzalipour Hospital in Kerman in 2020
2. The relationship between plasma level Apelin and body mass index on Asthma severity in patients Besat clinic 2019
3. Frequency of polymorphism of Matrix metalloproteinase-7 gene (MMP7\_181A.G) in COPD and pulmonary anthracosis patients in Afzalipour Hospital in Kerman in 2019-2020
4. Investigation of the prevalence of lophomoniasis infection in patients hospitalized in the ICU wards of Afzalipour, Shafa and Shahid Bahonar Hospitals in Kerman in 2019 – 2020
5. Prevalence of bile acid microspiration in primary lung cancer Patients in Afzalipour Hospital

6. Association of polymorphisms of some genes involved in metabolism of cigarette smoke (p22 phox & NQO1) & inflammatory responses (IL-10, INF- $\gamma$  & TGF-B1) with lipid-peroxidation & antioxidant capacity of blood & the stages of disease & exacerbations in the cigarette smoking COPD patients
7. Evaluation of biochemical and cytological characteristics of pleural fluid in patients with pulmonary anthracofibrosis in Afzalipour Hospital in Kerman in 2018-2019
8. Determination of the effect of methanolic extract of *Nigella sativa* L. seeds and *Myrtus communis* L. leaves on the oxidative stress parameters in bleomycin - induced pulmonary fibrosis in rat
9. The effect of plasma Visfatin level and body mass index on disease severity and control in asthmatic patients in Besat Clinic, 2017
10. Evaluation of the effect of methanolic extract of licorice root and black cumin seed on herbicide paraquat - induced pulmonary fibrosis in mice
11. Prevalence of bile acid micro-aspiration in patients with primary lung cancer referred to the bronchoscopy ward of Afzalipour Hospital
12. The survey of effective factors on survival of lung cancer patients in Kerman province by using Nonparametric Bayesian model
13. Health technology assessment of prehospital noninvasive ventilation for acute respiratory failure
14. Evaluation of pulmonary complications due to radiotherapy and chemotherapy in breast cancer patients by spirometry, CT scan imaging and clinical signs in 6-month follow-up
15. The impact of climate change on prevalence of respiratory diseases in Bam city from 2012 to 2017
16. The investigation of correlation between body mass index, Apelin level on severity and control of asthma in patients in Besat clinic 2019
17. Angiotensin converting enzyme 2 (ACE-2) plasma level in Covid-19 patients admitted in Kerman Afzalipour hospital, 2020
18. Investigation of the prevalence of the risk factors and mortality in asthmatic patients in Kerman in 2018
19. Evaluation of the relationship between blood eosinophil count and length of hospitalization and re-hospitalization between two groups of patients with and without

atopy symptoms in acute attacks of Asthma-chronic obstructive pulmonary disease (Overlap Syndrome)

20. Evaluation of the predictive effect of average platelet volume on the outcome of exacerbated chronic obstructive pulmonary disease in patients referred to the emergency department of Afzalipour Hospital, Kerman in 2013"
21. Investigation of association of BODE Index and GERD in COPD patients referred to Basath Clinic in Kerman in 2013-2014
22. Investigating the effect of methanolic extracts of *Nigella sativa* L seeds and *Myrtus communis* L leaves on oxidative stress parameters in bleomycin-induced pulmonary fibrosis in rats
23. Investigating the number of DVT cases in cancer patients based on different treatment methods in 2015-2016 in Kerman.
24. Investigating the five-year incidence trend of tuberculosis and its relationship with temperature and humidity in Kerman province
25. Investigating the effect of intrabronchial administration of tranexamic acid on the control of pulmonary hemorrhage in patients referred to Afzalipur Hospital
26. The relationship between plasma level of vascular endothelial growth factor (VEGF) and the number of exacerbations and COPD severity in patients referred to Basath clinic in Kerman in 2014
27. Investigating the relationship between pulmonary anthracosis and tuberculosis
28. Investigating the effect of micro-aspiration of bile acids and pepsin on the number of exacerbations in COPD patients
29. the relationship between plasma level of apelin peptide and pulmonary arterial hypertension in hemodialysis patients and control group
30. Investigating the prevalence of *Helicobacter pylori* in lung cancer disease by PCR of bronchoalveolar lavage
31. Investigating the relationship between plasma level of oxidant and antioxidant mediators such as catalase and superoxide dismutase with the severity and number of exacerbations in COPD patients
32. Investigating the prevalence of colonization *Pneumocystis jirovecii* in the respiratory system of COPD patients referred to Afzalipour Hospital in Kerman in 2019.

33. Assessment of the views of asthmatic patients on service providers using social network analysis in Kerman
34. Investigating the risk factors of tracheomalacia and tracheo-bronchomalacia in patients referred to the Bronchoscopy department of Afzalipur Hospital in Kerman in 2015-2016
35. Investigating the prevalence of pulmonary complications in stonemasons of Kerman
36. The prevalence of alpha-1 antitrypsin deficiency in COPD patients in Kerman
37. Investigation of the prevalence of overlap syndrome (asthma and chronic obstructive pulmonary disease) in patients admitted to Afzalipour Hospital in Kerman in 2015
38. Investigating pulmonary complications caused by radiotherapy and chemotherapy in breast cancer patients by spirometry, chest CT imaging and clinical parameters in 6-month follow-up
39. Relationship between palatine tonsil size and changes in pulmonary function tests before and after tonsillectomy
40. Investigation of plasma level Apelin-36 in COPD patients, Non-COPD Smokers and Non-Smokers in Basath Clinic in Kerman in 2016
41. Investigating the relationship between of the colonization of Helicobacter pylori and COPD severity by using urease test, PCR and serology
42. Investigation of the prevalence of loptomoniiasis infection in patients hospitalized in the ICU ward of Afzali-pour, Shafa and Shahid Bahonar Hospital in Kerman from 2019 to 2020
43. Frequency of polymorphism of Matrix metalloproteinase-7 gene (MMP7\_181A.G) in patients with chronic airway obstruction and anthracosis referred to Afzalipour Hospital in Kerman in 2019-2020
44. The investigation of correlation between body mass index, Apelin level on severity and control of asthma in patients referring to Besat poly clinic 2019
45. Prevalence of bile acid microspiration in Patients with primary lung cancer referred to the bronchoscopy ward of Afzalipour Hospital

46. Comparison of the prevalence of cavitation and pneumothorax in CT scan of covid patients with primary Chinese strain and delta strain
  
47. Examination of Eosinophil Levels in Sputum and Serum among Patients with Acute Exacerbations of Chronic Obstructive Pulmonary Disease (COPD) Admitted to Afzali Pour Hospital in Kerman in 2023.

### Proceedings of Meetings

1. European Respiratory Society International Congresses
2. In Stockholm, The Sweden, 15-19 September 15-19, 2007
3. In Vienna, The Austria, September 12-16, 2009
4. In Amsterdam the Netherlands, 24-28 September 2011
5. In Vienna, The Austria, September 1-5 September, 2012
6. In Amsterdam the Netherlands, 26-30 September 2015
7. In Milan, The Italy, 9-13, September 2017
8. ERS Virtual Congress, 7-9, September 2020
9. ERS Virtual Congress, 5-8, September 2021
10. The first Middle East Asia Allergy Asthma Immunology Congress
11. In Dubai 29-29, March 2009

### Topics Presented in Medical Congresses

1. Bejeshk MA, **Samareh Fekri M**, Najafipour H, Rostamzadeh F, Jafari E, Rajizadeh MA, Masoumi-Ardakani Y. Anti-inflammatory and Anti-remodeling Effects of Myrtenol in the lungs of Asthmatic Rats: Histopathological and Biochemical Findings. 24th Iranian & 3rd International Congress of Physiology and Pharmacology, Shahed University, Tehran, Iran, 2019.
  
2. Rajizadeh MA, Najafipour H, **Samareh Fekri M**, Rostamzadeh F, Jafari E, Bejeshk MA, Masoumi-Ardakani Y. Anti-inflammatory and anti-oxidative effects of Myrtenol in

the rats with allergic asthma. 24th Iranian & 3rd International Congress of Physiology and Pharmacology, Shahed University, Tehran, Iran, 2019.

3. Farnood M, **Samareh Fekri M**, Tayebian A, Jahani Y, Malakootian M. The Impact of Climate Change on Respiratory Diseases in Bam City from 2012 to 2017. International Conference of Climate Change and Health System. Kerman University of Medical Sciences, Kerman, Iran, 2017.
4. **Samare Fekri M**, Arabnejad F, Hashemi SM. Cognitive impairment among COPD patients compared to normal people. 27th Annual Congress of Iranian Society of Internal Medicine. Tehran, Iran, 2016.
5. Hashemi SM, **Samare Fekri M**, Jamali Paghaleh A, Yazdani R, Shafahi A, Asadi M. The micro-aspiration of bile acids in patients with primary lung cancer. 29th Annual Congress of Iranian Society of Internal Medicine. Tehran, Iran, 2018.
6. Hashemi SM, Abbasi F, Shafahi A, Yazdani R **Samare Fekri M**. Investigation of the association between micro aspiration of bile acid and pepsin in chronic obstructive pulmonary disease exacerbation. 30th Annual congress of Iranian Society of Internal Medicine. Tehran, Iran, 2019.
7. Hashemi-Bajgani SM, **Samareh Fekri M**, Hosseini SM, Amir Baniasad A, Behzadi A, Movahedinia S. Evaluation of Serum angiotensin-converting enzyme 2 (ACE2) levels and its relationship with clinical outcome in patients with Coronavirus disease 2019 (COVID-19). 2nd Faculty Scientific Meeting. Tehran, 2022.

## Executive Position

1. Head of the Pulmonary Department 2005-2015.
2. Head of the Internal Medicine Department 2014-2016.

3. Organizer of Physiology Research Center Neuropharmacology Research Institute, 2014-Present
4. Responsible for planning and selecting internal group assistantship exam questions, 2006-2007.

### Publications (Article/Book)

1. Habibi-Khorasani SA, Janghorbani M, Gozashti MH, **Samareh Fekri M**. Prevalence of Asthma in elementary school children in Kerman in 1999. Journal of Kerman University of Medical Sciences. 2002 Sep 1;9(4):184-93.

[https://jkmu.kmu.ac.ir/article\\_33809.html](https://jkmu.kmu.ac.ir/article_33809.html)

2. **Samareh-Fekri M**, Lashkarizadeh MR, Kardoust A, Shokouhi M. Bronchial anthracosis and pulmonary tuberculosis. Tanaffos 9(2): 21-25.

[https://www.tanaffosjournal.ir/article\\_241178\\_3e306d6681e04d5f9aa422d3173cf003.pdf](https://www.tanaffosjournal.ir/article_241178_3e306d6681e04d5f9aa422d3173cf003.pdf)

3. **Samareh-Fekri M**, Khorasani S, Shadkam FM. Correlation of CRP and serum fibrinogen levels with disease severity, clinical factors and pulmonary function tests in COPD patients. Tanaffos 2010; 9, 1(1): 28-33.

[https://www.tanaffosjournal.ir/article\\_241189.html](https://www.tanaffosjournal.ir/article_241189.html).

4. Lashkarizadeh MR, Pourseyedi B, **Samareh Fekri M**, Aghaei Afshar M. A Rare Case of Intestinal Obstruction due to Taenia Saginata. Journal of Kerman University of Medical Sciences. 2010 Dec 1;17(1):89-93.

[https://jkmu.kmu.ac.ir/article\\_16677.html](https://jkmu.kmu.ac.ir/article_16677.html)

5. **Samareh-Fekri M**, Shokoohi M, Gozashti MH, Esmailian S, Jamshidian N, Shadkam-Farokhi M, Lashkarizadeh MR, Afshar RM. Association between anti-thyroid peroxidase antibody and asthma in women. Iranian Journal of Allergy, Asthma and Immunology. 2012;241-5.

<https://ijaai.tums.ac.ir/index.php/ijaai/article/view/556>

6. Lashkarizadeh MR, **Samareh-Fekri M**, Farahmandinia Z. Askin's tumor with massive hemoptysis. *Tanaffos*. 2012;11(1):63.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4153184/>

7. Lashkarizadeh M, Jahanbakhsh F, **Samareh Fekri M**, PoorSeyyedi B, Aghaei Afshar M, Shokoohi M. Views of cancer patients on revealing diagnosis and information to them. *Iranian Journal of Medical Ethics and History of Medicine*. 2012 Jul 10;5(4):65-74.

[https://ijme.tums.ac.ir/browse.php?a\\_id=111&sid=1&slc\\_lang=en](https://ijme.tums.ac.ir/browse.php?a_id=111&sid=1&slc_lang=en)

8. Nassehi A, Abbaszadeh A, Borhani F, Arab M, **Samareh Fekri M**, Jafari M. Effect of two educational models based on compliance and empowerment on the quality of life of patients with asthma. *Journal of Nursing Education*. 2013 May 10;2(1):1-7.

[http://jne.ir/browse.php?a\\_id=26&slc\\_lang=en&sid=1&printcase=1&hbnr=1&hmb=1](http://jne.ir/browse.php?a_id=26&slc_lang=en&sid=1&printcase=1&hbnr=1&hmb=1)

9. Ashrafi-Asgarabad A, **Samareh-Fekri M**, Ghotbi Ravandi MR. Exposure to particles and respiratory symptoms in stone carvers of Kerman, Iran. *Journal of Occupational Health and Epidemiology*. 2013 Oct 10;2(4):146-156.

[https://johe.rums.ac.ir/browse.php?a\\_id=82&sid=1&slc\\_lang=en](https://johe.rums.ac.ir/browse.php?a_id=82&sid=1&slc_lang=en)

10. Lashkarizadeh MR, Ajami R, Vahedian M, Pourseyedi B, Zeynali H, **Samareh Fekri M**, Baghai Wadji M. Video-assisted thoracoscopic thymectomy as an optimal treatment in myasthenia gravis. *Annals of Bariatric Surgery*. 2013 May 10;2(2): 144-148.

[https://annbsurg.iiums.ac.ir/browse.php?a\\_id=268&sid=1&slc\\_lang=en](https://annbsurg.iiums.ac.ir/browse.php?a_id=268&sid=1&slc_lang=en)

11. **Samareh Fekri M**, Poursalehi HR, Najafipour H, Dabiri S, Shokoohi M, Khacheiki AS, Shahrokhi N, Afshar RM, Lashkarizadeh MR. Pulmonary complications of gastric fluid and bile salts aspiration, an experimental study in rat. *Iranian Journal of Basic Medical Sciences*. 2013 Jun;16(6): 790–796.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3758035/>

**12. Samareh Fekri M**, Poursalehi HR, Najafipour H, Shahouzahi B, BAZARGAN HN. Chronic aspiration of gastric and duodenal contents and their effects on inflammatory cytokine production in respiratory system of rats. Iranian Journal of Allergy, Asthma and Immunology 2014 Feb;13(1):40-46.

<https://pubmed.ncbi.nlm.nih.gov/24338227/>

**13. Yazdani R, Semareh-Fekri M**, Tohidi M, Khalili, M. Prevalence of Near Fatal Asthma and Related Risk Factors in Asthmatic Patients in Kerman. Journal of Kerman University of Medical Sciences 2014;21(5): 446-453.

[https://jkmu.kmu.ac.ir/index.php/kmus/article\\_16196.html](https://jkmu.kmu.ac.ir/index.php/kmus/article_16196.html)

**14. Yazdani R, Hashemi Bajgani SM, Samareh Fekri M**, Hasanaghaei T, Gholamrezapoor MR, Mollae HR. Is the prevalence of colonization with *Pneumocystis Jirovecii* in patients with COPD associated with ecologic conditions?. Razi Journal of Medical Sciences. 2014 Jul 10;21(121):30-35.

<https://rjms.iums.ac.ir/article-1-3225-en.html>

**15. Samareh-Fekri M**, Zade MK, Fatehi S. The association of deep vein thrombosis with cancer treatment modality: chemotherapy or surgery?. Iranian Red Crescent Medical Journal. 2014 Sep;16(9). e14722.

<https://pubmed.ncbi.nlm.nih.gov/25593718/>

**16. Samareh-Fekri M**, Bajgani SM, Rasti A, Yazdani R, Mollaie HR. Detection of helicobacter pylori in bronchoalveolar lavage of patients with chronic obstructive pulmonary disease by real time polymerase chain reaction. Jundishapur Journal of Microbiology. 2015 Jan;8(1): e14551.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4350048/>

**17. Samareh-Fekri M**, Poursalehi HR, Mandegary A, Sharififar F, Mahmoudi R, Izadi A, Nematolahi MH, Jamshidi N, Pourgholamhossein F, Lashkarizadeh MR. The effect of

methanol extract of fennel on bleomycin-induced pulmonary fibrosis in rats. Journal of Kerman University of Medical Sciences. 2015 Dec 1;22(5):470-83.

[https://jkmu.kmu.ac.ir/article\\_16075.html](https://jkmu.kmu.ac.ir/article_16075.html)

**18. Samareh-Fekri M**, Mianroodi AA, Shakeri H, Khanjani N. Effects of tonsil size on pulmonary function test results after tonsillectomy in children. Iranian Journal of Otorhinolaryngology. 2016 Jan;28(84):61.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4735618/>

**19. Mandegary A**, Hashemi-Bajgani SM, **Samareh-Fekri M**, Khedri A, Amirhosravi A. Investigation the Role of Mepxh1 (His139arg) Polymorphism on Number of Exacerbations and Disease Severity in Chronic Obstructive Pulmonary Disease in A Smoker Population. Iioab Journal. 2016 Jan 1;7(8):16-22.

<https://vlib.kmu.ac.ir/kmu/handle/kmu/9389>

**20. Ashrafi Asgarabad A**, Khanjani N, **Samareh Fekri M**, GhotbiRavandi MR. Designing and Validating the Persian Version of a Questionnaire for Estimating Exposure to Occupational Dust among Stone Carving and Stone Cutting Workers. Journal of Health & Development 2016; 4(4): 277-286.

<http://jhad.kmu.ac.ir/article-1-120-fa.pdf>

**21. Arabnejad F**, Lashkarizadeh MR, Mohseni MM, Lashkarizadeh E, **Smareh Fekri M**, Ahmadinejad M. Epidemiology and early complications of lung and liver hydatid cyst surgery among patients referred to Afzalipour Hospital, Kerman University of Medical Sciences during 2003-2013. Journal of Kerman University of Medical Sciences. 2016 Sep 1;23(5):543-53.

[https://jkmu.kmu.ac.ir/article\\_33529.html](https://jkmu.kmu.ac.ir/article_33529.html)

**22. Samareh-Fekri M**, Bajgani SM, Shafahi A, Asadi-Zarandi M, Mollaie H, Paghache AJ. Detection of Helicobacter pylori in the bronchoalveolar lavage of patients with lung cancer using real-time PCR. Jundishapur Journal of Microbiology. 2016 Nov;9(11): e32144.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5240154/>

**23. Samareh Fekri M**, Hashemi-Bajgani SM, Naghibzadeh-Tahami A, Arabnejad F. Cognitive impairment among patients with chronic obstructive pulmonary disease compared to normal individuals. Tanaffos. 2017;16(1):34.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5473380/>

**24. Samareh Fekri M**, Hashemi-Bajgani SM, Shafahi A, Zarshenas R. Comparing adrenaline with tranexamic acid to control acute endobronchial bleeding: a randomized controlled trial. Iranian Journal of Medical Sciences. 2017 Mar;42(2):129.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5366360/>

**25. Samareh Fekri M**, Hashemi Bajgani SM, Jamshidi Gohari N, Bazargan Harandi N, Rahmatian M. Prevalence of Alpha-1 Antitrypsin (A1AT) Deficiency among Patients with COPD in Kerman, Iran. Journal of Kerman University of Medical Sciences. 2017 Mar 1;24(2):103-10.

[https://jkmu.kmu.ac.ir/article\\_46770.html](https://jkmu.kmu.ac.ir/article_46770.html)

**26.** Hashemi-Bajgani SM, **Samareh Fekri M**, Zeydabadi H, Rahmatian M, Amirhosravi A. The Relationship of Serum levels of Vascular Endothelial Growth Factor with Disease Severity and the Number of Exacerbations in COPD Patients. Journal of Kerman University of Medical Sciences. 2017 May 1;24(3):184-9.

[https://jkmu.kmu.ac.ir/article\\_50708.html](https://jkmu.kmu.ac.ir/article_50708.html)

**27.** Pourgholamhossein F, Rasooli R, Pournamdari M, Pourgholi L, **Samareh Fekri M**, Ghazi-Khansari M, Iranpour M, Poursalehi HR, Heidari MR, Mandegary A. Pirfenidone protects against paraquat-induced lung injury and fibrosis in mice by modulation of inflammation, oxidative stress, and gene expression. Food and chemical toxicology. 2018 Feb 1;112:39-46.

**28. Samareh Fekri M, Torabi M, Shoul SA, Mirzaee M.** Prevalence and predictors associated with severe pulmonary hypertension in COPD. *The American Journal of Emergency Medicine.* 2018 Feb 1;36(2):277-80.

<https://www.sciencedirect.com/science/article/pii/S0735675717306629>

**29. Samareh Fekri M, Etminan A, Rashidnedjad A, Mojibian A, Masoomi Y.** Serum apelin peptide level in hemodialysis patients with pulmonary arterial hypertension. *Iranian Journal of Kidney Diseases.* 2018 Jul 11;12(4):209-14.

<https://pubmed.ncbi.nlm.nih.gov/30087215/>

**30. Torabi M, Samareh Fekri M, Azizi Shoul S, Naghibzadeh Thahami A, Moeinaddini S.** Evaluation of Prognostic Factors of Mortality in Patients with Chronic Obstructive Pulmonary Disease. *Journal of Advances in Medical and Biomedical Research.* 2018 Sep 10;26(118):28-33.

<https://zums.ac.ir/journal/article-1-4940-en.html>

**31. Samareh Fekri M, Mandegary A, Sharififar F, Poursalehi HR, Nematollahi MH, Izadi A, Mehdipour M, Asadi A, Samareh Fekri M.** Protective effect of standardized extract of *Myrtus communis* L.(myrtle) on experimentally bleomycin-induced pulmonary fibrosis: biochemical and histopathological study. *Drug and Chemical Toxicology.* 2018 Oct 2;41(4):408-14.

<https://www.tandfonline.com/doi/abs/10.1080/01480545.2018.1459670>

**32. Poursalehi HR, Samareh Fekri M, Far FS, Mandegari A, Izadi A, Mahmoodi R, Nematollahi H, Porgholamhosein F, Ghorani V, Fekri MS.** Early and late preventive effect of *Nigella sativa* on the bleomycin-induced pulmonary fibrosis in rats: An experimental study. *Avicenna Journal of Phytomedicine.* 2018 May;8(3): 263–275.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5987441/>

33. Rajizadeh MA, Najafipour H, **Samareh Fekri M**, Rostamzadeh F, Jafari E, Bejeshk MA, Masoumi-Ardakani Y. Anti-inflammatory and anti-oxidative effects of myrtenol in the rats with allergic asthma. *Iranian Journal of Pharmaceutical Research: IJPR*. 2019;18(3): 1488–1498.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6934952/>

34. Hashemi-Bajgani SM, Abbasi F, Shafahi A, Yazdani R, **Samareh Fekri M**. Association of bile acid and pepsin micro-aspiration with chronic obstructive pulmonary disease exacerbation. *Tanaffos*. 2019 Jan;18(1):52-57.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6690328/>

35. Bejeshk MA, **Samareh Fekri M**, Najafipour H, Rostamzadeh F, Jafari E, Rajizadeh MA, Masoumi-Ardakani Y. Anti-inflammatory and anti-remodeling effects of myrtenol in the lungs of asthmatic rats: Histopathological and biochemical findings. *Allergologia et Immunopathologia*. 2019 Mar 1;47(2):185-93.

<https://www.sciencedirect.com/science/article/abs/pii/S0301054618301368>

36. **Samareh Fekri M**, Shafahee A, Yazdani R, Hashemi Bajgani M, Naghavi M, Sheykhshoae Ekhtiarabadi M. A Study on Relationship Between Anthracosis and Pulmonary Tuberculosis. *Journal of Advances in Medical and Biomedical Research*. 2020 Feb 10;28(126):11-6.

<https://taromh.zums.ac.ir/journal/article-1-5787-en.html>

37. **Samareh Fekri M**, Mohammadi S, Afzali M, Saeed M. The Prevalence and Risk Factors of Venous Thrombosis among Hospitalized Patients: Are Wells Criteria Considered by Primary Care Physicians?. *Journal of Kerman University of Medical Sciences*. 2020 May 1;27(3):252-61.

[https://jkmu.kmu.ac.ir/article\\_90644.html](https://jkmu.kmu.ac.ir/article_90644.html)

38. Naghibzadeh-Tahami A, Marzban M, Yazdi-Feyzabadi V, Dabiri S, Mohseni S, Abbasi Rayeni R, **Samareh Fekri M**, Larizadeh MH, Karimpour B, Khanjani N. Is opium use

associated with an increased risk of lung cancer? A case-control study. *BMC Cancer*. 2020 Dec;20:1-8.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7448970/>

**39. Samareh Fekri M**, Poursalehi HR, Sharififar F, Mandegary A, Rostanzadeh F, Mahmoodi R. The effects of methanolic extract of *Glycyrrhiza glabra* on the prevention and treatment of bleomycin-induced pulmonary fibrosis in rat: experimental study. *Drug and Chemical Toxicology*. 2021 Jul 4;44(4):365-71.

<https://www.tandfonline.com/doi/abs/10.1080/01480545.2019.1606232>

**40.** Haghghati MA, Vali L, Goudarzi R, **Samareh Fekri M**, Nia RG. Perceived Asthma Control Care and Health Care Participation in Patients with Asthma. *Tanaffos*. 2021 Feb;20(2):109-115.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8710219/>

**41. Samareh-Fekri M**, Bajgani SM, Shafahi A, Shafiepour M, Yazdani R, Baghdadabad MH. Bronchial Anthracofibrosis and Tracheobronchomalacia. *Archives of Iranian Medicine*. 2021 Jun 1;24(6):467-72.

<https://pubmed.ncbi.nlm.nih.gov/34488309/>

**42. Samareh Fekri M**, Gorgich A, Bazrafshani MS, Mayel M. The prevalence of asthma-copd overlap syndrome in patients with obstructive airway disease in Kerman, Iran. *Journal of Kerman University of Medical Sciences*. 2021 Jul 1;28(4):338-46.

[https://jkmu.kmu.ac.ir/article\\_91714.html](https://jkmu.kmu.ac.ir/article_91714.html)

**43.** Shafahi A, **Samareh Fekri M**, Bajgani SM, Yazdani R, Shafiepour M, Touhidi MH, Sharifi H, Tayari F, Sharifpour A. Biochemical and cytological analyses of pleural effusion in patients with lung anthracosis and anthracofibrosis. *Annals of Medicine and Surgery*. 2021 Sep 1;69:102686.

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## Books

- 1. Samareh Fekri M.** Mechanical Ventilation and oxygen therapy in the ICU. Kerman: Fanoos; 2000.
- 2. Samareh Fekri M,** Hashemi Bajgani SM. Chest X-Ray in clinical practice.

## Memberships

1. Department of Internal Medicine, Faculty of Medicine, Kerman University of Medical Sciences (KUMS), Kerman, Iran, 2005- Present
2. Member of Physiology Research Center Neuropharmacology Research Institute, 2010- Present
3. Member of Publishing Center in Kerman University of Medical Sciences (KUMS), Kerman, Iran 2018- 2022
4. Membership of the clinical promotion committee, 2020- Present
5. Member of the Internal Evaluation Team of General Medical Education, 2007-2008.
6. Member of the Evaluator Team of The National Educational Accreditation Project, 2007-2008.
7. Membership in Physiology Research Center, 2010-2022.
8. Membership of ERS (European Respiratory of society), Present
9. Member in the Education Management Team of Afzalipour Hospital, 2015-2017
10. Member of Ethics Committee of Kerman University of Medical Sciences, 2020- Present

## Awards

1. Top Researcher of Medical School, 2012
2. Top Researcher of Medical School, 2016
3. Letter of Appreciation for Education and Cooperation in the 9th Scientific Olympiad of Students, 2016.
4. Top Professor of Educational Activities, 2023-2024

## Research projects

1. Evaluation of the relationship between peripheral blood eosinophilia levels and severity and outcome of acute Covid-19 pneumonia in patients with chronic obstructive pulmonary disease, 2021
2. Comparison of the frequency of cavitation and pneumothorax in CT scan of patients hospitalized with COVID-19 in July 2020 (chinese variant) with August 2021(delta variant), 2021
3. The effects of dexamethasone on serum level of cortisol, some inflammatory factors, CRP and lactate dehydrogenase in Covid 19 inpatients with COPD history in Afzalipour hospital in Kerman, 2021
4. Evaluation of the effect of inhaling & intraperitoneal administrations of simplistic and Niosome form of myrtenol on ischemia-reperfusion injuries in the lungs of male rats: assessment of histopathological indicators, oxidative stress, inflammation and apoptosis
5. The Evaluation of effectiveness of betadine (Povidone-iodine) in one step and two step procedure in the treatment of patients with pleural effusion resistant to conventional treatments: a clinical trial
6. Evaluation the effects of myrtenol on histopathological and inflammatory indices in serum and bronchoalveolar fluid (BALF) in rat model of asthma.
7. Evaluation of plasma Vascular endothelial growth factor in patient with corona virus infection disease(covid19) that referred to Afzalipour hospital of kerman2020
8. Evaluation of changes in pulmonary function and general health of patients recovering from Covid-19 disease admitted to Afzalipour Hospital in Kerman at three and six months after discharge

9. Evaluating Angiotensin converting enzyme 2 (ACE-2) serum level in Covid-19 patients admitted in kerman Afzalipour hostipal, 2020
10. The evolution of vitamin D level in patients COVID-19 who admitted in Afzalipour Hospital in Kerman (2020)
11. Evaluation of Serum Apelin Peptide Level 17 in corona virous (COVID 19) Patients
12. Investigation of the prevalence of loptomoniiasis infection in patients hospitalized in the ICU wards of Afzalipour, Shafa and Shahid Bahonar Hospitals in Kerman from 2019 to 2020
13. The survey of effective factors on survival of lung cancer patients in Kerman province by using Nonparametric Bayesian model
14. The assessment of sputum and serum eosinophilia and Interluekin-13 among patients with chronic obstructive pulmonary disease (COPD) exacerbation referred to Afzalipour hospital, Kerman, 2022-2023
15. The investigation of correlation between body mass index, Apelin level on severity and control of asthma in patients referred to Besat Clinic, 2019
16. Measuring the PCT level in patients with acute exacerbation of COPD in emergency department of Afzalipour in 2019
17. The Frequency of Matrix Metaloprotineas-7 (MMP7-181A.G) among COPD and Anthracosis patients referred to Afzalipour Hospital, 2020
18. The Prevalence of Lophomoniasis Infection in Patients with Respairtory diseases referred to Bronchoscopy ward, Kerman Afzalipour Hospital, 2018
19. Evaluation of radio-chemotherapy induced lung damages using spirometry, CT scan imaging, and clinical features in breast cancer patients in 6 months of follow up
20. Comparison VEGF level in hemodialysis patients with pulmonary hypertension compared to control group
21. Biochemical factors and cytologic evaluation of pleural effusion in patients with lung anthracosis and anthracofibrosis in Afzal poor medical science hospital of Kerman in 2018-2019
22. The effect of body mass index, Visfatin level on severity and control of asthma in patients referred to Besat Clinic, 2018
23. Survey the morbidity rate of DVT lower extremity according to color doppler ultrasound on hospitalized patients in Afzalipour hospital

24. Study of serum level of apelin-36 in smoker patients with chronic obstructive pulmonary disease and healthy smokers and healthy nonsmokers in patients referred to Basat clinic in 2016
25. Survey of the patients with asthma about care providers Using of Social Network Analysis a quantitative-qualitative approach in Kerman city
26. The prevalence of tracheomalacia and trachea-bronchomalacia in patients in bronchoscopy ward of Afzalipoor hospital
27. Evaluation of the main constitute of the myrtus communis on serum inflammatory and oxidative stress indices and histopathological factors in lungs of male rats with experimental asthma
28. Investigation of serum apelin level in hemodialysis patient with pulmonary hypertension compared with control group
29. Investigating the relationship between Helicobacter pylori and the severity COPD in patients by urease test and PCR in bronchial tissue and and serology.
30. Investigating the effect of methanolic extract of fennel, licorice, Myrtus communis and black seed on bleomycin-induced pulmonary fibrosis in rats
31. Investigation of the prevalence of alpha-1 antitrypsin deficiency in the serum of patients with chronic obstructive pulmonary disease in Kerman
32. Comparison of the effect of intrabronchial administration of tranexamic acid with adrenaline on the control of pulmonary hemorrhage during bronchoscopy.
33. the prevalence of Helicobacter Pylori in patients with lung cancer by PCR method.
34. Investigating the prevalence of micro-aspiration of bile acids in patients with primary lung cancer referred to the bronchoscopy department of Afzalipoor Hospital in 2019.
35. Investigating the relationship between bode index and depression in COPD patients referred to Basat Clinic in 1991-1992.
36. Investigating the relationship between oxidant factors and catalase superoxide dismutase antioxidant enzymes in the blood chronic obstructive pulmonary disease (COPD) patients with the severity and number of exacerbations of the disease.
37. Investigating the serum level of VEGF in COPD patients based on the severity of the disease and the degree of cognitive impairment.

- 38.** Association BODE index and GERD in COPD patients referred to besat clinic in Kerman City In 2011-2012
- 39.** Relationship Between Anthracosis and Pulmonary Tuberculosis.
- 40.** Investigating the predictive effect of average platelet volume on the outcome of chronic obstructive pulmonary disease in patients referred to the emergency department of Afzalipour Hospital in Kerman city in 2019.
- 41.** Investigating the prevalence of overlap syndrome (asthma and chronic obstructive pulmonary disease) in patients admitted to the emergency department of Afzalipour Hospital in Kerman in 2015