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## Mirinezhad Seyed Kazem

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**Degrees:** MD, PhD

**Position:** Assistant Professor of Medical Genetics, Liver and Gastrointestinal Diseases Research Center, Tabriz University of Medical Sciences

Date of Birth: 1970.01.28

Marital status: Married children: 2

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### **Educational Background:**

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| 2018 | Doctor of Philosophy (PhD) Medical Genetics, Hereditary Gastrointestinal cancers /familial adenomatous polyposis/ Tabriz University of Medical Sciences |
| 2000 | Medicine Doctor (M.D)- Tabriz University of Medical Sciences  |
| 1989 | Education: High school in Maragheh, Iran  |

### **Administrative Posts:**

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| 2019-Now  | Director, Health Innovation Accelerator Centre, Tabriz University of Medical Sciences                         |
| 2005-2013 | Research Director, Liver and Gastrointestinal Diseases Research Center, Tabriz University of Medical Sciences |
| 2002-2004 | Head of Imam Khomeini Hospital, Ajabshir city, East Azerbaijan  |

### **Research interests:**

Gastrointestinal cancers

### **RESEARCH:**

#### **Projects- I am leading:**

1. Registration of hereditary nonpolyposis colorectal cancer (HNPCC) and identification of high-risk individuals and clinical consequences of the disease in an Iranian population
2. Estimation of life expectancy and its effective factors in Azar cohort population
3. The frequency of Congenital Hypertrophy of the Retinal Pigment epithelium in patients and individuals at risk of familial adenomatous polyposis

4. The geographic distribution of colorectal cancer Prevalence rate in East Azerbaijan Province 2011 to 2015
5. Identify patients and those at risk for familial adenomatous polyposis and clinical outcomes in an Iranian society from the disease in 2014
6. Impact of tumor length on the survival of patients with esophageal cancer
7. Influence of chemo radio therapeutic strategies and factors on the five-year Survival of Patients with esophageal Cancer
8. Factors affecting the five-year survival of patients with colorectal cancer referred to Tabriz University of Medical Sciences (March 2007- March2012)
9. Three-year survival rate in patients with endometrial carcinoma after surgery
10. Development of Strategic Planning at the Research Centre for Digestive and Liver Diseases

**Projects- I am co-leading:**

1. Survey of pancreatic cancer worldwide: systematic review and meta-analysis based on published studies in the world
2. Investigating the incidence and incidence of small intestine cancers: a systematic review and analysis of the basis of published studies in the world
3. A Survey on the Prevalence and Incidence of Tongue cancer: A systematic review and analysis of the basis of published studies in the world
4. Investigating the frequency of genetic mutations in squamous cell carcinoma in Iran: reviewing the system of genetically modified organisms published in the world
5. A Survey on Types of Diagnostic Serum Biomarkers of Liver Fibrosis in Patients with Liver Fat: A systematic review of the basis of published studies in the world
6. Estimate of the burden of disease caused by esophageal cancer in East Azarbaijan province
7. Evaluation of serum, zinc, copper status in patients with upper GI cancer and comparison with healthy subjects
8. Gastroesophageal reflux in students of Tabriz Azad University of medical sciences
9. Gastroesophageal reflux in the staff of Imam Hospital

10. Study of the National Diagnosis and Treatment of One-hundred-Fifty Patients with Gastric Cancer in a One-Year-Old Visit to Tabriz University of Medical Sciences

11. Cancer in East Azerbaijan, Iran: Results of a Population – based Cancer Registry.

### **Publications:**

1. Akbarzadeh Khiavi, M., Jalili, A., Safary, A., Gharedaghchi, Z., **Mirinezhad, S. K.**, Mehdizadeh, A., & Rahmani, S. A. (2020). Karyotypic abnormalities and molecular analysis of Y chromosome microdeletion in Iranian Azeri Turkish population infertile men. *Systems biology in reproductive medicine*, 66(2), 140–146. <https://doi.org/10.1080/19396368.2019.1682083>
2. Masnadi-Shirazi, K., **Mirinezhad, S. K.**, Salehi, S., Halimi, M., Vahedi, L., & Mir Najd Gerami, S. (2020). Comparison of CD4+ and CD8+ T- lymphocyte in Helicobacter pylori-negative functional dyspepsia. *Caspian journal of internal medicine*, 11(2), 150–154. <https://doi.org/10.22088/cjim.11.2.150>
3. **Mirinezhad, S. K.**, Moaddab, S. Y., Bonyadi, M. J., Shirmohammadi, M., Eftekharsadat, A. T., & Somi, M. H. (2019). Survival of familial adenomatous polyposis coexistence colorectal cancer in Iran. *Journal of cancer research and therapeutics*, 15(1), 87–91. [https://doi.org/10.4103/jcrt.JCRT\\_421\\_17](https://doi.org/10.4103/jcrt.JCRT_421_17)
4. **Mirinezhad, S. K.**, Moaddab, S. Y., Masnadi Shirazi K, Bonyadi, M. J., Eftekharsadat, A. T., Mir Najejad Grami , & Somi, M. H. (2018). Clinical and genetic characterization of familial adenomatous polyposis: An Iranian population study. *Iran Red Crescent Med J*, 20(4): e64254
5. **Mirinezhad, S. K.**, Mousavi, F., Baghri, M., Sepehri, B., Ghavidel, A., Ghojazadeh, M., & Somi, M. H. (2018). Congenital Hypertrophy of Retinal Pigment Epithelium for Diagnosis of Familial Adenomatous Polyposis - the First FAP registry in Iran. *Asian Pacific journal of cancer prevention: APJCP*, 19(1), 167–169. <https://doi.org/10.22034/APJCP.2018.19.1.167>
6. **Mirinezhad, S. K.**, Jangjoo, A. G., Seyednejad, F., Naseri, A. R., Mohammadzadeh, M., Nasiri, B., Eftekharsadat, A. T., Farhang, S., & Somi, M. H. (2014). Impact of tumor length on survival for patients with resected esophageal cancer. *Asian Pacific journal of cancer prevention: APJCP*, 15(2), 691–694. <https://doi.org/10.7314/apjcp.2014.15.2.691>
7. **Mirinezhad S. K**, Somi M. H, Seyednezhad F, Ghasemi Jangjoo A, Ghojazadeh M, Mohammadzadeh M, Naseri A.R, Nasiri B, Naghashi S. (2014). Influence of chemoradio

therapeutic strategies and factors on the five years survival of Patients with Esophageal Cancer. *Journal of Isfahan Medical School* 32(291), pp. 982-990

8. **Mirinezhad, S. K.**, Somi, M. H., Seyednezhad, F., Jangjoo, A. G., Ghojazadeh, M., Mohammadzadeh, M., Naseri, A. R., & Nasiri, B. (2013). Survival in patients treated with definitive chemo- radiotherapy for non-metastatic esophageal cancer in north- west iran. *Asian Pacific journal of cancer prevention: APJCP*, 14(3), 1677–1680. <https://doi.org/10.7314/apjcp.2013.14.3.1677>
9. **Mirinezhad, S. K.**, Somi, M. H., Shirmohamadi, M., Seyednejad, F., Jangjoo, A. G., Ghojazadeh, M., Mohammadzadeh, M., Naseri, A. R., & Nasiri, B. (2013). Impact of postoperative chemoradiotherapy and chemoradiotherapy alone for esophageal cancer in North-West Iran. *Asian Pacific journal of cancer prevention: APJCP*, 14(6), 3921–3924. <https://doi.org/10.7314/apjcp.2013.14.6.3921>
10. Somi, M. H., Bonyadi, M. J., **Mirinezhad, S. K.**, Esmaeili, M., Laghaeian, N., Faghihdinevari, M., Soleimanpour, M. (2013). MEFV Common mutations detection in Iranian Azeri Turk patients with Ulcerative colitis: a case –control study. *Life Science Journal* 10, 149-152
11. Shirazi, K. M., Somi, M. H., Bafandeh, Y., Saremi, F., Mylanchy, N., Rezaeifar, P., Abedi Manesh, N., & **Mirinezhad, S. K.** (2013). Epidemiological and clinical characteristics of inflammatory bowel disease in patients from northwestern iran. *Middle East journal of digestive diseases*, 5(2), 86–92.
12. **Mirinezhad, S. K.**, Somi, M. H., Jangjoo, A. G., Seyednezhad, F., Dastgiri, S., Mohammadzadeh, M., Naseri, A. R., & Nasiri, B. (2012). Survival rate and prognostic factors of esophageal cancer in east Azerbaijan province, North-west of Iran. *Asian Pacific journal of cancer prevention: APJCP*, 13(7), 3451–3454. <https://doi.org/10.7314/apjcp.2012.13.7.3451>
13. Somi M.H, Ahmadzadeh R, Farhang S, **Mirinezhad S**, Jazayeri E, Sadeghi S, Naghashi S. (2012). Evaluation of Treatment and Survival Rates in Patients with Esophageal Cancer Referred to Imam Khomeini Hospital, Tabriz, Iran. *Govaresh* 17(1), pp. 33-38
14. Zarghami, N, Mohajeri, A, Somi, M. H., **Mirinezhad, S. K.**, Pori, A.A, Rahmati, M. (2011). Evaluation of Serum Levels of Zinc and Copper in Upper Gastrointestinal Cancer Patients and Controls. *Medical Journal of Tabriz University of Medical Sciences* 33(4), PP.4750
15. Somi, M. H., Alizadeh, N, **Mirinezhad, S. K.**, Jazayeri, E, Sadegi, M, Farhang, S. (2010). Diagnostic and Treatment Process of Gastric Cancer and Setbacks in East Azerbaijan. *Medical Journal of Tabriz University of Medical Sciences* 32(4), PP.57-63
16. Somi, M. H., Farhang, S., **Mirinezhad, S. K.**, Naghashi, S., Seif-Farshad, M., & Golzari, M. (2008). Cancer in East Azerbaijan, Iran: results of a population-based cancer registry. *Asian Pacific journal of cancer prevention: APJCP*, 9(2), 327–330.

17. Somi, M. H., Farhang, S., Nasseri-Moghaddam, S, Jazayeri,E, **Mirinezhad, S. K.**, Godrati,S.M., Golchin, M. (2008). Prevalence and Risk Factors of Gastroesophageal Reflux Disease in Tabriz, Iran. *Iranian J Publ Health*, 37(3), 85–90.
18. Somi, M.H., **Mirinezhad, K.**, Farhang, S., Jazayeri, E., Sani, A., Seif-Farshadi, M., Golzari, M., Kashef, S., & Sadegy, M. (2006). Gastrointestinal cancer occurrence in East Azarbaijan: a five-year study from North Western Iran. *Asian Pacific journal of cancer prevention: APJCP*, 7(2), 309–312.
19. Somi, M.H., Farhang, S., **Mirinezhad, S. K.**, Jazayeri,E, Nasseri-Moghaddam,S., Moayeri,S., Yasrebinia,S. (2006). Prevalence and precipitating factors of Gastro oesophageal reflux disease in a young population of Tabriz, North West of Iran Medical Student. *Saudi Med J*, 27, 447-450

#### **Presentations:**

1. **Mirinezhad, S. K.**, Akbarzadeh Khiavi, M., Safary, A., Eftekhari,A., Somi, M.H..(2021).Covid-19 pandemic status and the human microbiome pattern: Real Challenges and future perspectives. International E-Conference on COVID-19 & Health System: The Lessons Learned. 2021, Zanjan,Iran
2. **Mirinezhad, S. K.**, Akbarzadeh Khiavi, M., Safary, A., Somi, M.H. (2021). Evaluation of APC gene mutations in patients with classic form of familial adenomatous polyposis. Third International Conference on Biology and Earth Sciences In date 2021-03-10
3. **Mirinezhad, S. K.**, Somi, M. H., Seyednezhad, F. et al. (2019). Survival analysis and Prognostic factors of rectal cancer in east Azerbaijan province, Iran. 19<sup>th</sup> Iranian International Congress of Gastroenterology and Hepatology 13-19 Nov,2019
4. Akbarzadeh Khiavi, M., Safary,A., Barar,J., **Mirinezhad, S. K.** et al. (2019). 19<sup>th</sup> Iranian International Congress of Gastroenterology and Hepatology 13-19 Nov,2019
5. Ali Ghavidel, Maryam Moghimifam, **Seyed Kazem Mirinezhad**, Mohammad Hossein Somi.(2018). Impact of H.pylori infection on the survival of patients with esophageal cancer. 18<sup>th</sup> Iranian International Congress of Gastroenterology and Hepatology ,2018
6. **Mirinezhad SK**, Moaddab SY, Bonyadi MJ, et al. (2017). Survival of Familial Adenomatous Polyposis coexistence colorectal cancer in Iran. 17<sup>th</sup> Iranian International Congress of Gastroenterology and Hepatology ,2017

7. **Mirinezhad SK**, Moaddab SY, Bonyadi MJ, et al. (2017). Germline Mutations of the APC Gene in Iranian familial adenomatous polyposis patients. 17<sup>th</sup> Iranian International Congress of Gastroenterology and Hepatology ,2017
8. **Seyed kazem Mirinezhad**, Farideh Mousavi, Masood Baghri. et al. (2016) Congenital Hypertrophy of the Retinal Pigment Epithelium in Familial Adenomatous Polyposis (FAP), the first FAP registry In North West Iran. 16<sup>th</sup> Iranian International Congress of Gastroenterology and Hepatology ,2016
9. **Seyed kazem mirinezhad**, Seyed Yaqoob Moaddab, Amir Taher Eftekharsadat. et al. (2016). Hereditary colorectal cancer prevention in North West IRAN; The first is to identify familial adenomatous polyposis. 16<sup>th</sup> Iranian International Congress of Gastroenterology and Hepatology ,2016
10. **Mirinezhad S. K**, Somi M. H, Ghasemi Jangjoo A, Seyednezhad F. et al.(2014). Survival rate in elderly Patients with Esophageal Cancer. 14<sup>th</sup> Iranian International Congress of Gastroenterology and Hepatology ,2014
11. **Mirinezhad S. K**, Somi M.H, Shirmohamadi M, et al.(2013). Impact of Postoperative Chemoradiotherapy and Chemoradiotherapy Alone for Esophageal Cancer in North-West Iran. 13<sup>th</sup> Iranian International Congress of Gastroenterology and Hepatology ,2013
12. **Mirinezhad S. K**, Jangjoo A. G., Seyednejad F. et al.(2013). Impact of Tumor Length on Survival for Patients with Resected Esophageal Cancer. 13<sup>th</sup> Iranian International Congress of Gastroenterology and Hepatology ,2013
13. **Mirinezhad S. K**, Somi M. H, Seyednezhad F, Ghasemi Jangjoo A. et al. (2013). Influence of chemoradio therapeutic strategies and factors on the five year survival of Patients with Esophageal Cancer. 13<sup>th</sup> Iranian International Congress of Gastroenterology and Hepatology ,2013
14. **Seyed Kazem Mirinezhad**, Mohammad Hossein Somi, Amir Ghasemi Jangjoo, et al. (2012). Survival Rate and prognostic factors of Esophageal cancer in East Azerbaijan Province, North-West of Iran. 12<sup>th</sup> Iranian International Congress of Gastroenterology and Hepatology ,2012
15. Koorosh Masnadi Shirazi, Shabnam Salehi, **Seyed Kazem mirinezhad**. (2012). Comparison of CD4+ and CD8+ T Cell count and CD4+/CD8+ ratio in gastric mucosa of patients with functional dyspepsia and healthy volunteers. 12<sup>th</sup> Iranian International Congress of Gastroenterology and Hepatology ,2012
16. **Seyed Kazem mirinezhad**, Mohammed Hossein Somi1, Saeed Dastgiri, et al. (2011). 4-year survival rate of esophageal cancer radiation therapy center. 11<sup>th</sup> Iranian International Congress of Gastroenterology and Hepatology ,2011
17. Ashraf Fakhrjoo, **Seyed Kazem Mirinezhad**, Kyhan Saefari. (2011). Evaluation of P53 gene mutation and abnormal P53 protein accumulation in colon adenocarcinoma by Immunohistochemistry method. 11<sup>th</sup> Iranian International Congress of Gastroenterology and Hepatology ,2011