




Personal Information


Silva Garo Giragosyan

 България, София, 1000
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Gender female | Date of birth 03/08/1988 | Nationality българска

Work experience

Dates 02.01.2018 – ongoing
Position Genetic Biologist
Main activities and responsibilities Planning and conducting of research analyzes; Working with biological material, Performing of laboratory and diagnostic procedures, Analysis and interpretation of genetic results; Maintenance of laboratory equipment
Name and address of the employer Molecular Medicine Center, Department of Medical Chemistry and Biochemistry, Medical Faculty, Medical University - Sofia, 2 Zdrave Street, 1431
Type of activity or field of work Laboratory - genetic

Dates February 2016 – December 2018
Position Part time assistant
Main activities and responsibilities Teaching practical's in Medical Biochemistry
Name and address of the employer Department of Medical Chemistry and Biochemistry, Medical Faculty, Medical University - Sofia, 2 Zdrave Street, 1431

Education and training

December 2014 – ongoing
Regular PhD
 Topic „Genomic and epigenomic changes in laryngeal cancer”
 Molecular Medicine Center, Department of Medical Chemistry and Biochemistry, Medical Faculty, Medical University - Sofia
 Molecular Biology and Genetics;
 Cancer Research, Isolation of tissue and body fluid DNA, RNA;
 PCR; Reverse Transcription, Real Time qPCR;
 Sanger секвениране, MLPA;
 ION Torrent NGS; miRNA microarray;
 Results analysis; GeneSpring Software; SPSS; Microsoft Office Packet;

October 2012 – July 2014
Master degree
 Master program “Developmental Biology”
 Department of Cytology, Histology and Embriology, Faculty of Biology, Sofia University “St. Kliment Ohridski”
 Molecular and cellular Biology;
 Maintance of cell culture;
 Polyacrilamyde Gel Electrophoresis and Western blot; MTT;
 Real Time qPCR;

October 2008 – July 2012
Bachelor degree
 Bachelor program “Biotechnologies”
 Department of Biotechnologies, Faculty of Biology, Sofia University “St. Kliment Ohridski”

Personal Skills

Native language	Bulgarian				
Language	Understanding			Speaking	Writing
	Listening	Reading	participation in a conversation	Self-oral presentation	
English	B2	B2	B2	B2	B2
French	A1/A2	A1/A2	A1/A2	A1/A2	A1/A2
Driving license	Enter a category : B				

Additional Information

- Publications**
1. Todor M. Popov, Gergana S. Stancheva, **Silva G. Giragosyan**, Orlin V. Stoyanov, Sylvia E. Valcheva, Emil I. Tsenev, Radka P. Kaneva, Diana P. Popova. Correlations between PKM2, HIF-1 α , c-Myс and p53 mRNA Expression Levels in Laryngeal Carcinoma, Comptes rendus de l'Académie bulgare des Sciences, Volume 71, Issue No5, 2018, p685-693 IF=0.270 (2017)
 2. **S. Giragosyan**, I. Popov, G. Stancheva, V. Mitev, R. Kaneva. Small ribonucleic acids as potential biomarkers in laryngeal cancer. Bulgarian Medical Journal, 11, 2017, №1, 11-19 2017, Vol11, p: 11-19
 3. **Silva Giragosyan**, Gergana Stancheva, Todor Popov, Dimitar Konov, Julian Rangachev, Spiridon Todorov, Vanio Mitev, Radka Kaneva. Study of the oncogenic potential of hypoxic – induced miR-21-3p in laryngeal cancer. Journal Science and Youth 2016, p: 43-48
 4. **Silva Giragosyan**, Ivan Popov, Gergana Stancheva, Radka Kaneva, Vanio Mitev. Ethiopathogenesis and molecular genetics of laryngeal cancer. Studia Oncologica, p:42-64, 2015
- Conferences**
1. Dora Marinova, Darina Kachakova, Denitsa Dimitrova, Aleksandar Lilov, Evgeni Mekov, Miroslav Mihailov, **Silva Giragosyan**, Yanina Slavova, Dimitar Kostadinov, Vanya Youroukova, Rossen Petkov, Atanaska Mitkova, Radka Kaneva, Vanio Mitev. Expression analysis of miR-223 in plasma of patients with non-small cell lung cancer and other obstructive lung diseases. European Respiratory Journal 2018 Vol. 52: PA2795; DOI: 10.1183/13993003
 2. **S Giragosyan**, V Petkova, T Popov, V Mitev, R Kaneva. MIR-145–5 P, MIR-196A-5P, MIR-222–3 P AND LNCRNA MALAT1 AS NON-INVASIVE MARKERS IN ADVANCED LARYNGEAL SQUAMOUS CELL CARCINOMA. EACR25, Amsterdam, Netherlands, 30 June – 03July, 2018 (poster presentation)
 3. R Dodova, **S Giragosyan**, S Valey, N Miteva, A Nachev, K Timcheva, R Dimitrov, A Mitkova, V Mitev, R Kaneva. BRCA1 AND BRCA2 NEXT GENERATION SEQUENCING IN HIGH-GRADE SEROUS OVARIAN CANCER. EACR25, Amsterdam, Netherlands, 30 June – 03July, 2018 (poster presentation)
 4. V Petkova, A Mitkova, D Kachakova, G Stancheva, **S Giragosyan**, D Marinova, Y Slavova-Marinoва, V Mitev, R Kaneva. ANALYSIS OF MIRNA EXPRESSION IN NON-SMALL CELL LUNG CANCER. EACR25, Amsterdam, Netherlands, 30 June – 03July, 2018 (poster presentation)
 5. **Silva Giragosyan**, Todor Popov, Veronika Petkova, Gergana Stancheva, Darina Kachakova, Kalina Mihova, Julian Rangachev, Vanyo Mitev, Diana Popova, Radka Kaneva. Pathogenic alterations in advanced HPV-negative cell squamous laryngeal carcinoma revealed by Next Generation Sequencing. ESHG 2018, Milan, Italy, 16-19 June, 2018 (poster presentation)
 6. **S. Giragosyan**, T. Popov, V. Petkova, G. Stancheva, D. Kachakova, K. Mihova, J. Rangachev, V. Mitev, D. Popova, R. Kaneva. Somatic mutation status in advanced laryngeal squamous cell carcinoma revealed by Next Generation Sequencing, ICGEB Workshop on diagnostics 2018, Macedonian

Academy of Sciences and Art, Skopje, FYR Macedonia 22-24 March, 2018 (poster presentation)

7. **Giragosyan S**, Stancheva G, Popov T., Mitev V, Kaneva R. MIR-221-3P AND MIR-424-5P MAY ACT AS NON-INVASIVE BIOMARKERS IN DETECTION OF PATIENTS WITH LARYNGEAL SQUAMOUS CELL CARCINOMA. XV International Medical Scientific Conference, 9-14 October, 2017, Pleven, Bulgaria (poster presentation)
8. **Silva Giragosyan**, Gergana Stancheva, Todor Popov, Vanyo Mitev, Radka Kaneva. MIR-31-3P AND MIR-31-5P ARE OVEREXPRESSED IN LARYNGEAL CANCER AND SHOW CORRELATION WITH GENETIC FACTORS OF ANGIOGENESIS. 3rd International Cancer Symposium of the Cancer Research Center of Lyon. 25-27 September 2017, Lyon, France (poster presentation)
9. Dodova R, **Giragosyan S**, Popov I, Valev S, Miteva N, Taushanova M, Nachev A, Timcheva K, Dimitrov R, Mitkova A, Mitev V, Kaneva R. Screening of BRCA1 and BRCA2 genes in Bulgarian ovarian cancer patients. 12th BALKAN CONGRESS OF HUMAN GENETIC; Plovdiv, Bulgaria, 8-10 September, 2017 (poster presentation)
10. **Giragosyan S**, Popov T, Petkova V, Stancheva G, Kachakova D, Mihova K, Mitev V, Popova D, Kaneva R. GENETIC PROFILING OF ADVANCED LARYNGEAL CARCINOMA BY NEW GENERATION SEQUENCING. 12th BALKAN CONGRESS OF HUMAN GENETIC; Plovdiv, Bulgaria, 8-10 September, 2017 (oral presentation)
11. Petkova V, Mitkova A, Stancheva G, Kachakova D, **Giragosyan S**, Marinova D, Yanina S, Mitev V, Kaneva R. Expression analysis of miR-21, miR-205, EGFR, MINA53 and mTOR in Bulgarian patients with non-small cell lung cancer. 2nd Special Conference EACR-AACR, 24-27 June, Florence, Italy (poster presentation)
12. **S. Giragosyan**, G. Stancheva, T. Popov, D. Konov, J. Rangachev, V. Mitev, R. Kaneva. Involvement of miR424-5p and miR-221-3p in tumour metastasis in laryngeal squamous cell carcinoma. ESHG2017, Copenhagen, Denmark, 27-30 May, 2017 (poster presentation)
13. **S. Giragosyan**. The role of hypoxic induced miRNAs as expression markers in LSCC. Symposium "Application of New Technologies in Genetic and Genomic Diagnostics" (Symposiums Acad. Chudomir Nachev) (oral presentation)
14. **S. Giragosyan**, G. Stancheva, T. Popov, D. Konov, J. Rangachev, O. Stoyanov, V. Mitev, S. Todorov, R. Kaneva. Expression of hypoxia related miRNAs in laryngeal squamous cell carcinoma. EACR24, Amsterdam, Netherlands, 9-12 July 2016 (poster presentation)
15. **S Giragosyan**, G Stancheva, T Popov, D Konov, J Rangachev, S Todorov, V Mitev, R Kaneva. STUDY OF THE ONCOGENIC POTENTIAL OF HYPOXIC-INDUCED MIR-21-3P IN LARYNGEAL CANCER. Science and Youth 2016, Medical University-Plovdiv, Bulgaria 12-14 May, 2016 (oral presentation)

Projects

Competition for financial support for research projects-2017, FNI, MON Fundamental research, Medical Sciences Project №H13/29, Contract DH13/29 "Study on regulation of neoangiogenesis in advanced laryngeal carcinoma" (Co-investigator)	Dec 2017-Dec 2019
Competition for financial support for fundamental research - 2016, FNI, MON Fundamental research, Medical Sciences Project № H03/16, Contract DH03/16 "miRNA profiling of adenocarcinoma and squamous cell carcinoma of the lung in Bulgarian patients (Co-Investigator)	2016-2019
Competition Young investigator '2017 Medical University-Sofia Project № 8553/12.12.2016, Contract № Д-137/2017 "Exploring the role of hypoxic miRNAs in laryngeal squamous cell carcinoma" (Principal Investigator)	July 2017 – July 2018

	Competition Young investigator '2016 Medical University-Sofia Project № 552/21.01.2016, Contract № 12-D "Expression analysis of expanded panel of hypoxic micro RNAs in tissue and plasma samples from patients with laryngeal cancer "(Principal Investigator)	July 2016 – July 2017
	Competition GRANT '2016 2017 Medical University-Sofia Project № 550/21.01.2016, Contract № 30 „Genetic profiling of laryngeal cancer by NextGen Sequencing” (co-Investigator)	July 2016 – July 2017
	Competition GRANT' 2016 2017 Medical University-Sofia Project № 509/21.01.2016, Contract № 90 „Analysis of expression levels of microRNAs in patients plasma samples with nonsmall lung cancer and obstructive pulmonary diseases” (co-Investigator)	July 2016 – July 2017
	Competition Young investigator '2015 Medical University-Sofia Project № 312/15.01.2015, Contract № 15-D "Expression analysis of miRNAs as molecular biomarkers in early diagnosis and prognosis of laryngeal cancer” (Principal investigator)	July 2015 – July 2016
Courses	Workshop "Next Generation Sequencing", ICGEB Workshop on diagnostics 2018, Macedonian Academy of Sciences and Art, Skopje, FYR Macedonia (22-24 March, 2018) Personalized Medicine School "40 years sequencing – a new era in contemporary diagnostics and personalized medicine", Plovdiv, Bulgaria (3-4 November, 2017) 6th EACR-OECI Joint Training Course Molecular Pathology Approach to Cancer, Amsterdam, Netherlands (09-11 May, 2016) Molecular mechanisms of cancerogenesis and new strategies in cancer prevention, diagnosis and treatment –Institute of Experimental Morphology, pathology and anthropology with museum, Bulgarian Academy of Sciences (19.10.2015 – 05.02.2016) Methodology of scientific research - the subject of dissertation thesis and Medical Statistics – Medical University-Sofia (15.06.2015-26.06.2015)	
Awards	ESHG fellowship, ESHG 2018, Milan, Italy, 16-19 June, 2018 EACR Bursaries, 3rd International Cancer Symposium of the Cancer Research Center of Lyon. 25-27 September 2017, Lyon, France EACR24 Meeting Bursaries, Manchester, UK, 9-12 July 2016 EACR Meeting Bursary Award, Molecular Pathology Approach to Cancer course, Amsterdam, Netherlands, 9-11 May, 2016 Student's scholarship, Ministry of Education and Science, 2014	
Members	Erasmus mobility grant, Grenoble, France 2013-2014 (6 months)	

EACR; BBMBS