

## PUBLICATIONS

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### *Journal Publications*

1. Kvartskhava, G., **Sachaneli, T.**, Dundua, T. Sampling technique of graphene oxide-based nano metal composites and their influence on pathogenic microorganisms. *EURACHEM*, 2022, Vol. 25, pp. 32
2. Meladze, S., **Sachaneli, T.** Sampling plan impact on the microbiological assessment of raw milk cheese. *EURACHEM*, 2022, Vol. 25, pp. 38-39
3. Gurgenidze, L., **Sachaneli, T.**, Kanchaveli, T., Kvartskhava G. Determining Level of Trans-Resveratrol in Wines produced from some of the Rare Georgian Red Grape Varieties. *International Journal of Scientific Research in Chemical Sciences*, 2021, Vol.8, Issue.1, pp. 1-3
4. Gurgenidze, L., **Sachaneli, T.**, Kanchaveli, T., Kvartskhava, G. Effect of Dyes, Produced from By-Products of Wine Making, on Antioxidant and Microbiological Characteristics of Boiled Cream. *Bulletin of Georgian Academy of Agricultural Sciences*. 2019, 2, 42, 104-112
5. **Sachaneli, T.**, Amiranashvili, L., Gurgenidze, L., Gagelidze, N. Chemical Composition of Traditional Georgian Cheese - Tushuri Guda. *Science And Technologies*. 2019, 2(731), 79-83
6. **Sachaneli, T.**, Amiranashvili, L., Gagelidze, N. The Dominant Component of Microbiota Tushetian Guda Cheese. *Bulletin of Georgian Academy of Agricultural Sciences*. 2019, 1, 41, 88-92
7. **Sachaneli, T.**, Amiranashvili, L., Gagelidze, N. Some Biochemical Characteristics of Lactic Acid Bacteria Isolated from Tushuri Guda Cheese. *Intel*. 2019, 37, 193-200
8. **Sachaneli, T.Z.**, Amiranashvili, L.L., Gagelidze, N.A. Antimicrobial Activity of Lactic Acid Bacteria Isolated From Tushuri Guda Cheese. *Georgian Engineering News*. 2018, 4, 88, 86-89
9. Amiranashvili, L., Gagelidze, N., **Sachaneli, T.**, Makaradze, L., Varsimashvili, Kh.I, Tolordava, L., Tinikashvili, L., Gamkrelidze, M., Amashukeli, N. The Effect of Homoprotiotic Preparation "Probiogeo" Supplemented With Drinking Water and Feed on Survivability and Growth Performance of Broiler-Chickens. *Annals of Agrarian Science*. 2017, 15, 4, 476-479
10. Amiranashvili, L. L., Gagelidze, N. A., Jimshelishvili, T. E., **Sachaneli, T. Z.**, Zuroshvili L. D., Varsimashvili Kh. I., Tinikashvili L. M. Selection of Bacteria Degrading Sodium Pentachlorophenolate. *Annals of Agrarian Science*. 2009, 7, 2, 75-79
11. **Sachaneli, T.**, Amiranashvili, L., Gagelidze, N., Jimshelishvili, T., Tinikashvili, L., Varsimashvili, Kh. Isolation And Selection of Toluene Degrading Bacteria. *Proceedings of the Georgian Academy of Sciences, Biological series B*. 2007, 5, 3-4, 57-61
12. Gagelidze, N., Amiranashvili, L., Jimshelishvili, T., **Sachaneli, T.**, Varsimashvili, Kh., Tinikashvili, L. Isolation And Selection Of Extremophilic Bacteria, Degrading Sodium Pentachlorophenolate, Isolated From Different Soil-Climatic Zones of Georgia. *Proceedings of the Georgian Academy of Sciences, Biological series B*. 2007, 5, 2, 51-56

### *Conference Papers*

1. T. Dundua, **T. Sachaneli**, G. Kvartskhava, N. Mxheidze, R. Gotsiridze, K. Sarajishvili, M. Stepanishvili, T. Dgebuadze, N. Tsetsadze. Composite Membranes Containing Graphene Based on Bio- and Synthetic Polymers. 2nd International Scientific Conference on Chemical & Technological Aspects of Biopolymers (ISC CHTAB 2023), July 6-8, Batumi, Georgia

2. **Tamar Sachaneli**, Ketevan Kochiashvili, Sophi Meladze, Tamar Zedginidze, Giorgi Kvartskhava. Isolation and characterization of wine yeasts of indigenous Georgian grape variety Shavkapito. FEMS, 9-13 July 2023, Hamburg, Germany
3. Kvartskhava, G., **Sachaneli, T.**, Dundua, T. Sampling technique of graphene oxide-based nano metal composites and their influence on pathogenic microorganisms. EURACHEM. Quality Assurance Challenges of Measurements from Field to Laboratory with a Focus on ISO/IEC 17025:2017 Requirements. 16-20 May, 2022, Tbilisi, Georgia
4. Meladze, S., **Sachaneli, T.** Sampling plan impact on the microbiological assessment of raw milk cheese. EURACHEM. Quality Assurance Challenges of Measurements from Field to Laboratory with a Focus on ISO/IEC 17025:2017 Requirements. 16-20 May, 2022, Tbilisi, Georgia
5. **Sachaneli, T.** Traditional Georgian PDO Cheeses. Agriculture, Food Technology and Environmental Engineering: Eastern European, Balkan and Mediterranean Perspectives. 25– 29 October, 2021, Beja, Portugal
6. Dundua, T., **Sachaneli, T.**, Kvartskhava, G., Gamkrelidze, N., Meladze, S., Sarajishvili, K., Japharidze, M., Jinikhashvili, I. Preparation of graphene oxide composites nanosized silver, copper, and titanium oxide and study of their biocidal properties. 6th International Conference “Nanotechnology” (GTUnano20). October 5 – 8, 2021, Tbilisi, Georgia
7. Dundua, T., **Sachaneli, T.**, Kvartskhava, G., Gamkrelidze, N., Meladze, S., Sarajishvili, K., Japharidze, M. Preparation of graphene oxide-based biocidal composites and study of their antibacterial activity. 7th international Caucasian Symposium on Polymers & Advanced Materials. July 27-30, 2021 Tbilisi, Georgia
8. **Sachaneli, T.**, Amiranashvili, L., Gagelidze, N., *1st South Caucasus Food Analytical International Conference*. Georgian cheese -Tushuri Guda and its bacteria. March 29-30, 2018, Tbilisi, Georgia. <https://www.southcaucasus-analytics.org>
9. Gagelidze, N., Amiranashvili, L., Varsimashvili, Kh., Tinikashvili, L., **Sachaneli, T.**, Tolordava, L., Kirtadze, E. Pesticides degradation ability of yeasts spread in Georgia during alcoholic fermentation. *Scientific-research conference of Agrarian University of Georgia: "Biodiversity and Biotechnologies,"* December 5-6, 2011, Tbilisi, Georgia
10. Gagelidze, N., Amiranashvili, L., Varsimashvili, Kh., Tinikashvili, L., Tolordava, L., **Sachaneli, T.**, Kirtadze E. Influence of copper oxychloride at the alcoholic fermentation induced by yeasts spread in Georgia. *Scientific-practical conference with international participation: "Wine in the IIIrd millennium – current issues in winemaking,"* November 24-25, 2011, Kishinev, Moldova
11. Amiranashvili, L., Gagelidze, N., Varsimashvili, Kh., Tinikashvili, L., **Sachaneli, T.**, Tolordava, L., Kirtadze, E. Screening of yeasts from Georgia to degrade copper oxychloride containing pesticides. *34<sup>th</sup> World Congress of Vine and Wine.* June 20-27, 2011, Porto, Portugal
12. Kirtadze, E.G., Amiranashvili, L.L., Gagelidze, N.A., Varsimashvili, Kh., **Sachaneli, T.Z.**, Shatirishvili, A.F. Screening of endemic strains of Georgian yeast of the genus *Saccharomyces* by the rate of ethanol formation during glucose fermentation. *International conference "The main problems of environmental microbiology and biotechnology."* November 24-25, 2009, Baku, Azerbaijan, 222-226
13. Gagelidze, N., Amiranashvili, L., **Sachaneli, T.**, Jimsheleishvili, T., Urushadze, T., Khvedelidze, R., Kirtadze, E. 2007. Extraction and screening of alkalophilic bacteria – alkaline proteases producers. *STCU workshop "Plant & microbial enzymes: isolation, characterization & biotechnology applications.* 2-5th July 2007. Tbilisi, Georgia. 85-87

