**GULAHMADOV SAIB GURBAN**

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| **POSITION** | Ac. professor of Biochemistry and Biotechnology Department |
| **ACADEMIC DEGREE** | Doctor of Biological Science. |
| **TELEPHONE** | Home: +994 12 5706054, mob: +994 55 7644750 |
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| **EMAİL** | sahib66@rambler.ru |
| | Year of birth - January 8, 1966. |
| **EDUCATION** | 1982-1989- Azerbaijan State University (full-time). Spec. Biologist, teacher of biology and chemistry. |
| **ACADEMIC DEGREES** | 1991-1993- post-graduate student (full-time). Trainee in Bach.Inst. of Biochemistry AS RF. Moscow.<br>1995- Candidate of Biological Sciences (spec: biochemistry, plant physiology) |
| **SCIENTIFIC TITLES** | 2001- Assistant professor<br>2003-2007 – Postdoc. Trainee İNRA - Nantes, Paris, France.<br>2016- Doctor of Biological Sciences (spec: biotechnology)<br>2018-Ac. professor of Biochemistry and Biotechnology Department of BSU. |
| **REWARDS** | 2009 – Honor Certificate of the Minister of Education of Azerbaijan Republic |
| **LABOR ACTIVITY** | 1989 – Senior laboratory assistant - BSU<br>1990 – Junior researcher-BSU<br>1991-1993 – - post-graduate student (full-time). Trainee in Bach.Inst. of Biochemistry AS RF. Moscow.<br>1994 – Teacher of the Department of Biochemistry and Biotechnology. BSU<br>1996 - Senior Lecturer of the Department of Biochemistry and Biotechnology. BSU<br>2001 – Assistant. professor of Biochemistry and Biotechnology Department<br>2018 – Ac. professor of Biochemistry and Biotechnology Department<br>2003 – Higher Technological University, Gebze. Turkey. Trainee.<br>2003-2007 – INRA - Nantes, Paris, France. Trainee<br>2005 – Ghent University. Gent. Belgium, Trainee<br>2006 – Okhridski University, Sofia, Bulgaria. Trainee<br>2011 – Westminster University. London. England. Trainee<br>2015 – University of Prague. Prague, Czech Republic. Trainee. |
| **PRESENT RESEARCH INTERESTS** | 1. Study of antimicrobial metabolites and other technological properties of probiotic lactic acid bacteria<br>2. Research of biochemical and physiological mechanisms of maturation and aging of plant tissue |
| **PARTICIPATION IN INTERNATIONAL SEMINARS, SYMPOSIUMS AND CONFERENCES** | 1. XI International conference of young scientists "Biology - the science of the XXI century" (Pushino, RF, 2007);<br>2. III International Conference "Biodiversity. Ecology. Adaptation. Evolution "(Odessa, UR, 2007);<br>3. III International Scientific Symposium "Resent Advances in Food Analysis" (Prague, Czech Republic, 2007);<br>4. VIII International Scientific Conference "Introduction of non-traditional and rare |

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| | plants" (Michurinsk, Russia, 2008);<br>5. International scientific-practical conference "Actual problems of bioecology" (Moscow, Russia, 2008);<br>6. International Scientific Conference "ELIAVA-2008. Phage Biology, Ecology and Therapy Meeting "(Tbilisi, RG, 2008);<br>7. International Nins-simpozium "Lactic acid bacteria: health, evolution and systems biology" (Niderland, Egmond an Zee, 2008);<br>8. II International Scientific Symposium "Antimicrobial Peptides. Food veterinary medical and novel applications "(San-Malo, France, 2009);<br>9. XI International Scientific Symposium "BIOLOGY-TRADITIONS AND CHALLENGES" (Sofia, Bulgaria, 2009);<br>10. II International Scientific and Practical Conference "Actual problems of bioecology" (Moscow, Russia, 2010);<br>11.VI International Scientific and Practical Conference of Young Scientists for the 150th anniversary of V.I. Lipsky "Biodiversity. Ecology. Adaptation. Evolution "(Odessa, RU 2013); |
| **LIST OF SELECTED PUBLICATIONS** | 1. Apple fruit Glukoso-6-phosphate-dehydrogenase // Applied Biochemistry and Microbiology. 1993. vol.29. №2. pp.206-211 |
| | 2. Intracellular localization and molecular forms of Glukose-6- phosphate-dehydrogenase in apple fruits // Applied Biochemistry and Microbiology. 1993. vol.29. №3. pp.449-454 |
| | 3. Activity of NADPH – forming Enzymes during Growth and Ripening of Apples // Applied Biochemistry and Microbiology. 1997. vol.33. №3. pp. 297-301 |
| | 4. Kharacterization of the main NADPH – Generating Enzymes from Apple fruits in Model Experiments // Applied Biochemistry and Microbiology. 1998. Vol.34. №2. pp.177-181 |
| | 5. Isolation and study of Active ATP-dependent Phosphofructokinase from Apple Fruits *Pyrus domestica* Borkh // Applied Biochemistry and Microbiology. 2006. Vol.42. №5. pp.468-471 |
| | 6. Characterization of bacteriocin-like inhibitory substances (BLIS) from lactic acid bacteria isolated from traditional Azerbaijani dairy products // European Food Receach and Technology. 2006. №224. pp.229-235. Springer-Verlag. |
| | 7. Determination of the activity of ATP-dependent phospho-fructokinase in apples // Transcaucasian Journal of Biomedical Sciences. 2006. V. 1, N1, pp.1-12 |
| | 8. Isolation and identification of lactic acid bacteria from same Azerbaijani cheeses // Transaction of the Institute of Microbiology of Azerbaijan National Academy of Sciences. 2007. Vol. V. pp.187- 200 |
| | 9. *Lb. buchneri* S2 - as a BLIS producing strain isolated from traditional Azerbaijani cheese / 3rd International Symposium on Resent Advances in |

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| | Food Analysis. Czech Republic. Prague. 2007. pp. 329-330<br><br>10. Isolation and characterization of bacteriosin-like inhibitory substances of lactic acid bacteria isolated from Azerbaijan cheeses // Applied Biochemistry and Microbiology. 2009. Vol.45. №3. pp.297-303<br><br>11. Phenotypic and genotypic characterization of non-starter lactic acid bacteria from homemade Azerbaijani dairy products // African Journal of Biotechnology. 2009. Vol. 8 (11), pp. 2576-2588<br><br>12. Antilisteria activities of lactic acid bacteria isolated from three types of Azerbaijani cheeses / Second International Symposium on Antimicrobial Peptides. Food veterinary medical and novel applications. France. Saint-Malo, june, 17-19 (in Book of Abstracts, edited by D. Drider and H. Prevost) 2009 pp.107, poster 01-NSP<br><br>13. Partial purification and characterization of bacteriocin strain Enterococcus faecium S5, isolated from the Azerbaijan cheese // Reports of NAS of Azerbaijan. 2009. T. LXV. №5. s.95-103<br><br>14. Regulation of glucose-6-phosphate dehydrogenase in plants (Review article) J. Plant Production. 2011. Vol. 2(7), pp.949-957<br><br>15. Effect of controlled atmosphere storace (cas) on phosphopructokinase activity in mango (*MANGIFERA INDICA L.)* CV. Keitt // Met. Env. and Arid Land Agric. Sci., 2012. Vol. 23, No. 2. pp.15-28<br><br>16. Response of glucose-6-phosphate dehydrogenase activity to controlled atmosphere storage in mango (*Mangifera indica* l.) cv. Keitt // Indian Journal of Biochemisty and Biophysics. 2012.<br>17. The Response of Carbohydrate Oxidation Enzymes to the Controlled Atmosphere Storage (CAS) of the Mango Fruits (*Mangifera Indica* L.) cv Kate // Caspian Journal of Applied Sciences Research, 2012. V. 1, №13, pp.195-204<br><br>18. Intracellular Localization and Molecular Forms of Phenylalanine ammonia lyase in Apple Fruits (*Pyrus Domestica* Borkh.) // International Journal of advanced scientific and Technical research. 2013. Is.3, V.6, pp. 847-855<br><br>19. Effect of temperature and pH of the medium on the bacteriocin titer of *E. faecium* J1-48 strain // Advances in Biology & Earth Sciences. 2016. V.1, № 1, pp. 81-87<br><br>20. Some probiotic properties of *Lactobacillus delbrueckii spp.lactis* A7 isolated from breast milk // Advances in Biology & Earth Sciences. 2017, V.2, № 2, pp.186-191 |
| **BOOKS AND TEXTBOOKS** | 1. N.A. Musaev, S.G. Gulahmadov, N.K. Kocherly. "Small Workshop on Potentiometry". Textbook for students and masters of the Faculty of Biology, Baku State University: Izd. BSU. Baku - 1999. 75 p.<br>2. S.G. Gulahmadov. "Introduction to Biochemistry." Textbook for |

students and masters of the Faculty of Biology, Baku State University: "Education". Baku - 2002. 67 p.
3. A.A. Kuliev, T.G. Hasanov, S.G. Gulahmadov. "Biological Chemistry (Statics)". Textbook for students and masters of biological profile: BSU. Baku - 2004. 492 p.
4. A.A. Kuliev, T.G. Hasanov, S.G. Gulahmadov, S.N. Omarov. "Workshop on Biochemistry and Immunology" Textbook for students and masters of the Faculty of Biology, Baku State University: BSU. Baku - 2005. 169 p.