



Ганбаров Худаверди Ганбар оглы

Биология ғылымдарының докторы, профессор. Микробиология және вирусология ғылыми зерттеу зертханасының меңгерушісі Баку Мемлекеттік Университеті. Баку, Әзірбайжан

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Кәсіби қызмет:

1967-1968 жж. - Кешлин машина жасау зауыты, жұмысшы, 2-разрядты токарь (Баку қ., Әзірбайжан);

1973 -1974 - КСР Ғылым академиясының микробиология институты, аға зертханашы, кіші ғылыми қызметкер (Баку, Әзірбайжан);

1974-1982-ИБФМ, КСРО Ғылым академиясының биологиялық ғылыми орталығы: 1974-1975 жылдары тағылымдамадан өтуші; 1975-1978 жылдары күндізгі аспирантура; 1979-1982 жылдары ғылыми қызметкер (Пушино қ. - Окада, Мәскеу облысы, Ресей); 1983-1992 жылдары-Әзірбайжан ғылым академиясының микробиология институты, директордың орынбасары және зертхана меңгерушісі (Баку қ., Әзірбайжан));

1992-2010 жылдары-Баку мемлекеттік университеті, микробиология кафедрасының профессоры (Баку қ.);

2011-2019 жылдары-Баку мемлекеттік университеті, микробиология кафедрасының меңгерушісі (Баку қ.);

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Білімі, ғылыми дәрежесі және атағы:

1973 жылы Баку мемлекеттік университетінің биология факультетін "Биология"мамандығы бойынша бітірді. 1979 жылы микроорганизмдердің Биохимия және физиология институтында 03.00.07- "Микробиология"мамандығы бойынша биология ғылымдарының кандидаты ғылыми дәрежесін алу үшін диссертация қорғады.1987 жылы "Микробиология"мамандығы бойынша аға ғылыми қызметкер ғылыми атағын алды. 1990 жылы Мәскеу мемлекеттік университетінде 03.0024- "микология"мамандығы бойынша биология ғылымдарының докторы ғылыми дәрежесін алу үшін диссертация қорғады. 1995 жылы "Микробиология" мамандығы бойынша профессор ғылыми атағын алды.

Научные интересы: Микроорганизмдердің биохимиясы және физиологиясы, микробиологиясы, биотехнологиясы, өсімдік қалдықтарының биоконверсиясы, саңырауқұлақтардың гидролитикалық ферменттері, микробтан нанобөлшектердің синтезі, пробиотиктерді алу, жаңа микробқа қарсы агенттерді іздеу.

Қолданбалы зерттеулер бағдарламалары бойынша ғылыми гранттар:

1.Грант проект ООН: «Снижению трансграничной деградации бассейна реки Кура-Аракс (2011-2012)».

2.Грант программа Евросоюза: «Создание виртуальной микробиологической лаборатории (2014-2015)».

3.Грант МОИ Республика Казахстан (совместно с Биотехнологическим Научным Центром Атырауского Государственного Университета): «Выделение и изучение штаммов стартовых культур для новых кисломолочных напитков из верблюжьего молока (2015-2017)».

4.Грант проект ISESCO: «Создание междисциплинарный исследовательский центр по изготовлению и испытанию современных материалов и соединений для применения в биоматериалах (2021-2023)»

Оқылатын курстар: (Әзірбайжан, орыс және ағылшын тілдерінде) Микробиология, биотехнология, микроорганизмдердің биохимиясы, Өнеркәсіптік микробиология, қоршаған ортаны қорғаудың биотехнологиялық әдістері.

Жарияланымдар:

Оқулықтар

1.Ганбаров х.Г., Шбрагимов а. ш., Абушев р. а. Биотехнология негіздері.Баку,1994, 283с. (әзірбайжан тілінде).

2. Genberov H.G., Abışov R.A., İbrahimov A.Ş. Biotechnoloji.Анкара, 1995, 173s. (түрік тілінде).

3.Ганбаров Х.Г., Тагизаде З. А., Кулиева Н. А. Биотехнологтар.Баку, 2005, 359с. (орыс тілінде).

4.Ганбаров х.Г., Абдуллаева н. А. микроорганизмдердің биохимиясы.Баку, 2008, 204 б. (орыс тілінде) Баку, 2013, 172с. (әзірбайжан тілінде)

5.Ганбаров Х. Г., Абушев Р. А., Сүлейманова Г. Ч., Гасанова С. А. Вирусология.Баку,2013, 191с. (әзірбайжан тілінде)

6. Ганбаров х.Г., Джафаров М. М., Гусеинова С. и., Абдулгамидова с. м. ашытқы биологиясы.Баку,2016, 234 б. (әзірбайжан тілінде)

7.Ганбаров х.Г., Джафаров м. м. Өнеркәсіптік микробиология

к.) зерттеулер, әзірлемелер және инновациялар бойынша озық тәжірибе орталығының Микробиология және вирусология ғылыми-зерттеу зертханасының меңгерушісі.	негіздері.Баку,2018, 292 б. (әзірбайжан тілінде) 8, Маммадов З., Ганбаров Х. Г., Агаева Н. А. Иммунология.Баку, 2018, 311 б. (әзірбайжан тілінде) 9.Ганбаров Х. Г., Джафаров М. М., Гусейнова С. Ш. Микроорганизмдердің Генетикасы. Баку,2014, 235с. (әзірбайжан тілінде) Монографиялар 1.Ганбаров х.т. ағашты бұзатын жоғары базидиалды саңырауқұлақтардың экологиялық-физиологиялық ерекшеліктері. Баку: Элм, 1990, 197 б. (орыс тілінде) 2.Ганбаров х. Г., Джафаров М. емдік және диеталық ашытылған сүт өнімдерінің микробиологиясы.Баку,2001, 129с. (әзірбайжан тілінде) 3.Ганбаров х. Г., Керимов В. М. Әзірбайжанның солтүстік бөлігіндегі ағашты бұзатын базидиалды саңырауқұлақтардың Эко-биологиялық ерекшеліктері.Баку, 2011, 152с. (әзірбайжан тілінде). 4.Ганбаров х. Г., Агаева С. А., Садиخوا А. С. Талыш ормандарында микориза түзетін саңырауқұлақтар, Баку, 2012, 178с. (әзірбайжан тілінде). 5.Ганбаров х. Г., Абдулгамидов С.М. ашытқының өзгергіштігі және олардың қасиеттерін электромагниттік өрістермен түзету. Saarbruchen(Германия): LAP Lambert Academic Publishing, (Германия) 2012, 144с. (орыс тілінде) 6.Ганбаров х. Г., Маммадов Р. М. Әзірбайжанның хош иісті өсімдіктерінен алынған эфир майларының Бактерияға қарсы қасиеттері, Баку, 207с. (әзірбайжан тілінде) 7.Ганбаров х. Г., Джафаров М. М. Әзірбайжан аумағында өздігінен дайындалған йогурт микробиологиясы. Баку, 2013, 345с. (әзірбайжан тілінде). 8.Ganbarov K., Mammadova R., Ağayeva N., Abdulgamidova S. Antimicrobial activity of essential cils of aromatic plants. Saarbruchen (Germany): LAP Lambert Academic Publishing, 2016, 191 p. Өнертабыстар 1.Мехтиева Н.А., Исмаилов Н.М., Ганбаров х.Г. "Pseudomonas Aeruginosa 10 штаммы-3, 4-диметилбензой қышқылының өндірушісі". КСРО. Авторлық куәлік №548045, 1975 ж 2.Головлева Л. А., Ганбаров х. Г., Черменский Д. Н. "өсімдік қалдықтарындағы лигний мен целлюлозаны ыдырататын <i>rapus tigrinus</i> bkmf-2475d саңырауқұлақтарының соматикалық құрылымдарының штаммы". КСРО. Авторлық куәлік №1097676, 1982 ж 3.Ганбаров х.Г., Исмаилов Э. и., Мурадов п. з. "Bjerkandera adusta1 саңырауқұлақ штаммы - жер үсті культурасындағы целлюлолитикалық ферменттер кешенінің өндірушісі". КСРО. Авторлық куәлік №1295745, 1985 ж 4.Ганбаров х. Г., Мурадов п. з. "ақуызды жемшөп өнімін алу тәсілі". КСРО. Авторлық куәлік №1511272, 1986 ж 5.Ганбаров х. Г., Маммедьяров М. А, Мурадов п. з. "соматикалық штамм саңырауқұлақ структурасы Bjerkandera adusta1-беткі өсіруге арналған ксиланаза өндірушісі". КСРО. Авторлық куәлік №1566718, 1988 ж 6.Ганбаров х. Г., Мошкович Ф., Мурадов п. з., Костышин с., Расулова и. Д. ферменттердің гидролитикасын алу тәсілі. КСРО.Авторлық куәлік № 4942939, 1992ж. 7.Ганбаров х. Г., Джафаров м. м. микробқа қарсы белсенділігі жоғары <i>Lactobacillus pentosum</i> bdu-KD27 сүт қышқылы бактерияларының штаммы. Әзірбайжан Республикасының Патенті № I 2008 0070, 2008 8.Джафаров М. М., Ганбаров Х. г. сүт қышқылы батареяларын айналдыруға арналған селективті өсіру ортасы. Әзірбайжан Республикасының Патенті № I 20090081, 2009
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Публикации в научных журналах и сборниках насчитывает более 450 работ. Ниже представляются научные статьи за 2020-2025 гг.

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Professional activity:

Professional activity:
 1967-1968 - Keshli Machine-building Plant, worker, 2nd class turner (Baku, Azerbaijan);
 1973 -1974 - Institute of Microbiology of the Academy of Sciences of the Azerbaijan SSR, Senior laboratory assistant, Junior Researcher (Baku, Azerbaijan);
 1974-1982 – IBFM, Biological Research Center of the USSR Academy of Sciences: intern in 1974-1975; full-time postgraduate in 1975-1978; researcher from 1979 to 1982 (Pushchino -on-Oka, Moscow region, Russia);
 1983-1992 - Institute of Microbiology of the Academy of Sciences of Azerbaijan, Deputy Director and Head of the Laboratory (Baku, Azerbaijan);
 1992-2010 - Baku State University, Professor of the Department of Microbiology (Baku);
 2011-2019 - Baku State University, Head of the Department of Microbiology (Baku);
 From 2020 to the present, he has been the Head of the Scientific Research Laboratory of Microbiology and Virology at the Center of Excellence for Research, Development and Innovation at Baku State University (Baku).

Education, academic degree and title:

In 1973, he graduated from the Faculty of Biology at Baku State University with a degree in Biology. In 1979, he defended his dissertation for the degree of Candidate of Biological Sciences in the specialty "03.00.07-Microbiology" at the Institute of Biochemistry and Physiology of Microorganisms of the USSR Academy of Sciences. In 1987, he received the academic title of Senior Researcher in Microbiology. In 1990, he defended his dissertation for the degree of Doctor of Biological Sciences at Moscow State University. In 1995, he received the academic title of Professor in Microbiology.

Research interests: Biochemistry and physiology of microorganisms, microbiology, biotechnology, bioconversion of plant waste, fungal hydrolytic enzymes, microbial synthesis of nanoparticles, production of probiotics, and the search for new antimicrobial agents.

Research grants for applied research programs:

1. UN Grant Project: "Reducing Transboundary Degradation of the Kura-Araks River Basin (2011-2012)".
2. EU Grant Program: "Creation of a Virtual Microbiology Laboratory (2014-2015)".
3. Grant from the Ministry of Education and Science of the Republic of Kazakhstan (in collaboration with the Biotechnology Research Center of Atyrau State University): "Isolation and Study of Starter Culture Strains for New Fermented Milk Drinks from Camel Milk (2015-2017)".
4. ISESCO Grant Project: "Creation of an Interdisciplinary Research Center for the Production and Testing of Advanced Materials and Compounds for Application in Biomaterials (2021-2023)".

Courses taught:

(in Azerbaijani, Russian, and English)

Microbiology, biotechnology, microbial biochemistry, industrial microbiology, and biotechnological methods of environmental protection.

Publications:

Textbooks

1. Ganbarov H.G., Shbrahimov A.Sh., Abushev R.A. Fundamentals of Biotechnology. Baku, 1994, 283 pages (in Azerbaijani).
2. Genberov H.G., Abışov R.A., İbrahimov A.Ş. Bioteknoloji. Ankara, 1995, 173 pages (in Turkish).
3. Ganbarov H.G., Tagizade Z.A., Kuliyeve N.A. Biotechnologists. Baku, 2005, 359 pages (in Russian).
4. Ganbarov H.G., Abdullayeva N.A. Biochemistry of microorganisms. Baku, 2008, 204 pp. (in Russian) Baku, 2013, 172 pp. (in Azerbaijani)
5. Ganbarov Kh.G., Abushev R.A., Suleymanova G.Ch., Gasanova S.A. Virology. Baku, 2013, 191 pp. (in Azerbaijani)
6. Ganbarov Kh.G., Jafarov M.M., Guseinova S.I., Abdulgamidova S.M. Biology of yeast. Baku, 2016, 234 pp. (in Azerbaijani)
7. Ganbarov H.G., Jafarov M.M. Fundamentals of industrial microbiology. Baku, 2018, 292 p. (in Azerbaijani)
8. Mammadov Z., Ganbarov H.G., Agayeva N.A. Immunology. Baku, 2018, 311 pages (in Azerbaijani)
9. Ganbarov H.G., Jafarov M.M., Huseynova S.Sh. Genetics of Microorganisms. Baku, 2014, 235 pages (in Azerbaijani)

Monographs

1. Ganbarov Kh.T. Ecological and physiological characteristics of wood-destroying higher basidiomycetes. Baku: Elm, 1990, 197 p. (in Russian)

2. Ganbarov Kh.G., Jafarov M. Microbiology of medicinal and dietary fermented milk products. Baku, 2001, 129 p. (in Azerbaijani)
3. Ganbarov Kh.G., Kerimov V.M. Ecological and biological characteristics of wood-destroying basidiomycetes in the northern part of Azerbaijan. Baku, 2011, 152 p. (in Azerbaijani).
4. Ganbarov Kh.G., Agayeva S.A., Sadikho A.S. Mycorrhiza-forming fungi in the Talysh Forests, Baku, 2012, 178 p. (in Azerbaijani).
5. Ganbarov H.G., Abdulgamidov S.M. Variability of yeast and correction of their properties by electromagnetic fields. Saarbruchen (Germany): LAP Lambert Academic Publishing, (Germany) 2012, 144 pages. (in Russian)
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7. Ganbarov H.G., Jafarov M.M. Microbiology of spontaneous home-made curdled milk in Azerbaijan. Baku, 2013, 345 p. (in Azerbaijani).
8. Ganbarov K., Mammadova R., Ağayeva N., Abdulgamidova S. Antimicrobial activity of essential oils of aromatic plants. Saarbruchen (Germany): LAP Lambert Academic Publishing, 2016, 191 p.

Inventions

1. Mekhtieva N.A., Ismailov N.M., Ganbarov Kh.G. "Pseudomonas aeruginosa 10 strain producing 3, 4-dimethylbenzoic acid". USSR. Author's Certificate No. 548045, 1975.
2. Golovleva L.A., Ganbarov Kh.G., Chermensky D.N. "Strain of somatic structures of the fungus *Panus tigrinus* BKMf-2475D, degrading lignins and cellulose in plant waste". USSR. Author's Certificate No. 1097676, 1982.
3. Ganbarov Kh.G., Ismailov E.I., Muradov P.Z. "The *Bjerkandera adusta* fungus strain is a producer of a complex of cellulolytic enzymes during surface cultivation." USSR. Author's Certificate No. 1295745, 1985.
4. Ganbarov Kh.G., Muradov P.Z. "Method for producing a protein feed product." USSR. Author's Certificate No. 1511272, 1986.
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8. Jafarov M.M., Ganbarov Kh.G. Selective Nutrient Medium for Growing Lactic Acid Bacteria. Patent of the Azerbaijan Republic No. İ 20090081, 2009
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