

Newsletter

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Turkish Science Classics Project

Initiated "Turkish Science Classics (TBK) Project" in 2014 in accordance with the liabilities such as "to direct young people to science and research" and "to ensure the dissemination of scientific approach and ideas in the community" and the importance given by Academy of Sciences of Turkey.

The aim of the project is to rescue these works from the inert situations in libraries through the issuance and translation to Turkish, transliterating, facsimile edition of classical works that belong to Turkish-Islamic scientific and cultural heritage and to provide the benefit for future generations with our science and culture people. The contribution of the project to the required self-confidence and motivation for our country's scientific and total development will be evaluated to have a historical significance with the support and encouragement that will be created for scientific works in this field.

'TÜBA-1st New Techniques In Stem Cell Production Course' Held

Organized in the scope of the 5th National Congress on Lymphoma-Myeloma, 'TÜBA-1st New Techniques in Stem Cell Production Course' was held on 25 and 26 April in Antalya.

The aim of the TÜBA-Stem Cell Course is to develop national standards for centres involved or going to be involved in stem cell transplantation regarding cellular processing, weeding out, and freezing, to align such centres in terms of these standards, to train related staff and develop their experiences. Among applicants, 15 Turkish scientists were sponsored by TÜBA, and 25 other scientists coming from the Turkic Republics and neighbouring countries were sponsored by TÜBA and TiKA (The Turkish International Cooperation and Development Agency).

The Leader of Stem Cell Study Group, Prof. Dr. Bülent Zülfikar, made a speech at the opening. He announced that the report drawn up following 'The National Stem Cells Policies Network' organized by TÜBA-Stem Cell Study Group at Erciyes University would be submitted to related institutions and the public opinion in following days. Prof. Zülfikar winded up his speech by thanking TÜBA-Stem Cell Study Group, Lymphoma-Myolema Society and TiKA for their contributions in the event.

Lastly, Prof. Dr. Ercüment Ovalı, one member of the TÜBA-Stem Cell Study Group, played an active role in organizing and carrying out the 'TÜBA-1st New Techniques in Stem Cell Production Course', and said that such courses would go on.

The project that involves three years and 100 works was written in different languages such as Arabic, Persian and in old/different Turkish dialects and it was opened to applications for all scientists/academics that can prepare its transliteration, translation and publication. The applications for the project, initiated in March, still continue. The works to be published, the issues such as the nature and extent of the publication are evaluated by TBK Project Publications/Executive Board. TBK Project Publications/Executive Board has made their first assessments in the meetings held in April and June and the works that are appropriate for the project scope have been determined. As a result of the interviews held in 2013 for the "Turkish Science Classics Project", it was agreed that the support of investment projects will be made by the Ministry of Development for three years (2014-2016).

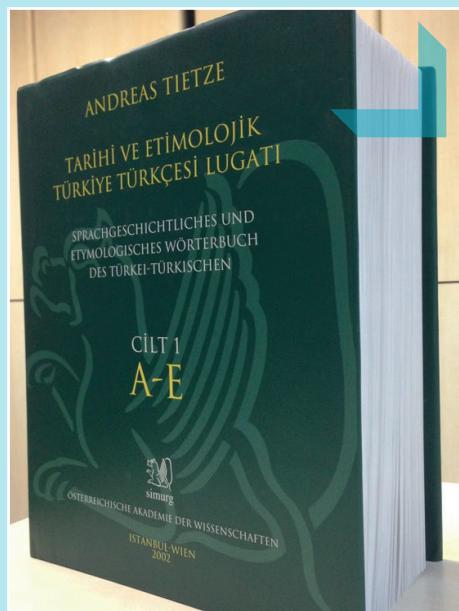
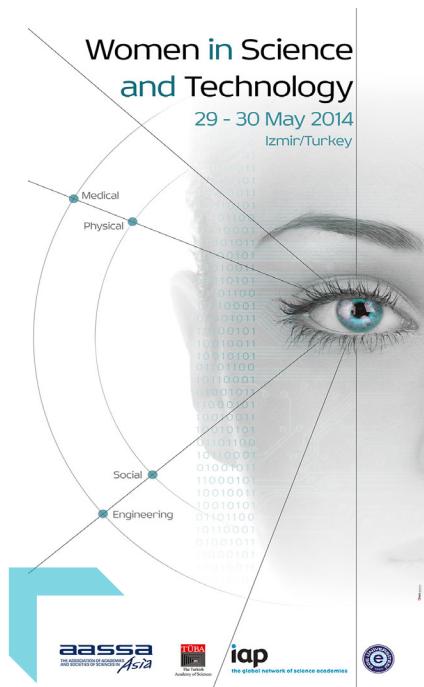
AASSA and TÜBA Carried Out "The Regional Workshop of Women in Science and Technology"

Asia Science Academies and Communities Association (AASSA) and TÜBA carried out "Regional Workshop of Women in Science and Technology" on May 29-30, 2014 hosted by Ege University and with the contributions of Science Academies Global Network.

While 19 scientists from Malaysia, Azerbaijan, Nepal, Armenia, Indonesia, Mongolia, Korea, Sri Lanka, Pakistan, Bangladesh, the Philippines and Turkey put forth the relationship among women, science and technology within their own countries and within the global context; they also discussed the works to be done about the policies implemented by governments on women scientists, contributions of science communities to progress of women in scientific fields, the identity problems they have, comparing

the best practices regarding the Professional progress of women in science field and encouraging the little girls into science.

Prof. Dr. Namik Kemal Aras, who got the floor at the end of the Workshop and who said one of the most important issues AASSA focused on was "the place of women in science and technology" also said: "We especially arrange workshops on this issue for 3-4 years. As in here, all of the participants in other workshops are people who thought on, work on and made speeches on this subject. The report to be arranged after the Workshop will be published as a book by AASSA and thus it will be communicated to whole world via academy and other channels."



TÜBA Completes Tietze's Dictionary of Turkish

Austrian Prof. Dr. Andreas Tietze, one of the biggest Turcologists of 20th century was born in 1914 in Vienna. The first volume of "Historical and Etymological Dictionary of Turkish of Turkey" was published in 2002 by Austrian Academy of Sciences and Simurg Publishing and the 2nd volume was published in 2009 by Austrian Academy of Sciences.

TÜBA has started studies to bring this important work which will be comprised of a total of 6 volumes and index in Turkish. In the first phase, copyrights of all volumes were taken over from the heirs of Prof. Tietze. Also, rights were taken over from Simurg Publishing for the 1st and the 2nd volumes which were published and an agreement is being

established with Austrian Academy of Sciences. Consequently, Works will be carried out within the scope of a Project and all volumes will be published respectively.

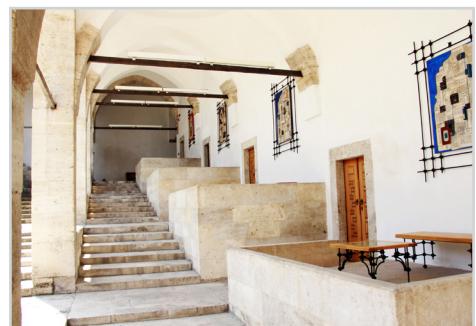
Project is carried out by Prof. Dr. Semih Tezcan, who was a colleague of Prof. Dr. Andreas Tietze and the Works is planned to be put in a dictionary format by the assistants who studied with Tietze during the preparation Works of the first two volumes.

Within the scope of the Project it is planned that the first and the 2nd volumes will be revised and re-published in 2014 and studies for the 3rd volume will be completed.

Equipment Project of Rabi Madrasah is Completed

TÜBA has completed the equipment project and historic identity of Rabi Madrasah that is located within Süleymaniye Complex, representing the highest point in Ottoman academic hierarchy in a best way to protect.

With the restoration completed short time ago, TÜBA started to utilize Rabi Madrasah for international organization and cultural projects as well as conferences, meetings and workshops.





TÜBA-Turkish Dictionary of Scientific Terms

TÜBA (Turkish Academy of Sciences) launched the Turkish Dictionary of Scientific Terms Project in 2002 with an eye to promote using and improving of Turkish language in scientific studies, communication, education and instruction.

Supporting expressing scientific concepts and terms in Turkish to both develop and reinforce scientific thought and language in Turkey, the project aims at adopting Turkish as a scientific language by widely using Turkish equivalents of terms emerging from developing science and technology in the scientific and educational environment.

The Turkish Dictionary of Scientific Terms Project is being carried out in four areas such as Dictionary of Social Sciences, Dictionary of Natural Sciences, Dictionary of Engineering and Dictionary of Medical Terms. TÜBA started studies for Social Sciences Terms Dictionary in 2004 and the dictionary was published in 2011. Sale of the dictionary including a total of 21.281 terms continues and the dictionary can be accessed from the address of www.tubaterim.gov.tr the hardware and software infrastructure of which is renewed.

The Dictionaries of Natural Sciences, Engineering and Medical Terms are going to be launched on the internet by the end of 2014.

Treasure of Beçin Being Published In Turkish

In excavation works led by Prof. Dr. Rahmi Hüseyin Ünal in Beçin Fortress around Milas in 2000, the world's biggest treasure was found. The treasure comprises approximately 60.000 coins most of which date back to the 16th century. Due to a fire, the treasure partly melted, and it was found in the mass. There were 48.848 pieces of Ottoman and Islamic coins as well as 848 coins from different European countries. The finding shed light onto the Ottoman-European economic relations and monetary history covering the period between the 16th century and early 17th century.

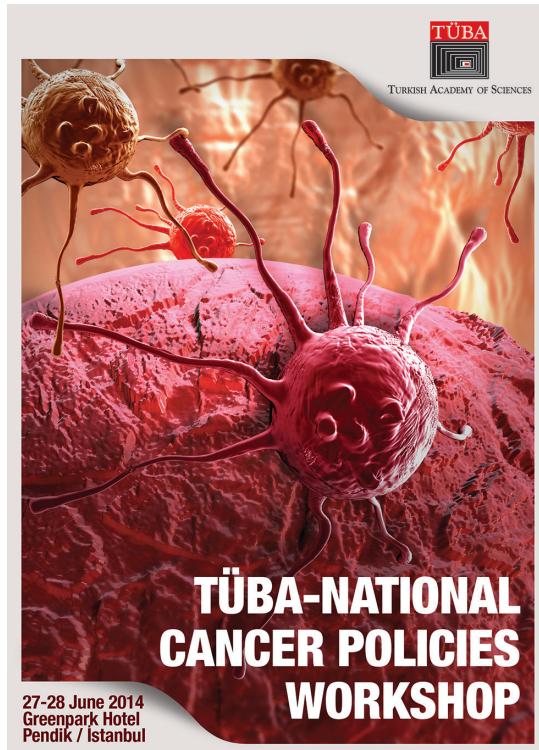
TÜBA-National Cancer Policies Workshop

TÜBA arranges "TÜBA-National Cancer Policies Workshop" in Istanbul on June 27-28, 2014.

Instructors and managers whose specialty fields are cancer will participate in TÜBA-National Cancer Policies Workshop from ministries, state and foundation universities, public and private hospitals and various associations.

TÜBA-National Cancer Policies Workshop will be realized for the determination of needs and tendencies, opportunities and difficulties, weaknesses and strengths regarding cancer studies, development of coordination and cooperation among stakeholders, ensuring standardization, production of proposals regarding the determination of priorities and the policies to follow and to contribute to the development of science, research and implementation capacity and performance of our country in this field.

In the Workshop to be arranged in accordance with all these purposes, above 150 participants are expected to take place in 15 study tables. At the end of the Workshop, reports of each table will be organized, compiled into one single report and shared with the public.



TÜBA and German Leopoldina Academy of Sciences Cooperation

Turkey and Germany signed the joint intention declaration to promote cooperation between the two countries, and organized a two-year cooperation program within the scope of the

'2014 Turkish-German Year of Science'. The program includes arranging two scientific events; one of which will be held in Germany in 2014 fall and the other in 2015 fall in Turkey.



In 2001, scientific studies launched as a joint project by TÜBA (Turkish Academy of Sciences) and Austrian Academy of Sciences were edited by specialized scientists from Turkey and Austria such as Rahmi H. Ünal, Fritz Krinzinger, Michael Alram, and Şule Pfeiffer-Taş. They were published as a three-volume book titled 'Der Münzschatz von Beçin' (Volume 3 as CD) in German in 2010. The same will be published in Turkish in 2014 by TÜBA.



2013 and 2014 TÜBA-GEBİP and TÜBA-TEÇEP Award Ceremony and TÜBA 45th General Assembly

Names that win the award of TÜBA's "Over Achieving Young Scientist Award" (GEBİP) for 2013 and 2014 were determined.

The awards will be given in the ceremony to be arranged in Ankara on June 23, 2014 to 26 people in GEBİP 2013 implementation in fields of Natural, Engineering, Health and Social Sciences and to 15 people in GEBİP 2014 implementation. The winners will be supported with 20.000 TRY per year determined as GEBİP price for three years. Also, for doctoral students in the dissertation phase, an additional support of 6.000 TRY will be granted each year.

GEBİP is given every year to support the outstanding young scientists with their scientific studies having international quality to develop their studies and their study groups and to encourage young scientists in our country for over achieving research.

Names that win TÜBA's 2013 and 2014 "Scientific Copyright and Translation Works Awards" (TEÇEP) are determined.

In TEÇEP 2013 implementation, total 7 works in fields of Natural, Engineering, Health and Social Sciences win "Copyright and Translation Work Award", 12 Works are given "Remarkable Work Award" (Honorable Mention).

In TEÇEP 2014 implementation, total 6 works in fields of Natural, Engineering, Health and Social Sciences win "Copyright and Translation Work Award", 10 Works are given "Remarkable Work Award" (Honorable Mention).

For 2013 and 2014, Copyright Work Award is 20.000 TRY, Remarkable Copyright Work (Honorable Mention) is 7.000 TRY, Translation Work Award is 12.500 TRY and Remarkable Translation Work Award (Honorable Mention) is 4.000 TRY and the awards will be presented to the owners of winning Works in the ceremony to be held in Ankara on June 23, 2014.

The awards to the winning scientists will be presented in the ceremony that will be held on 23 June 2014 with the participation of Fikri İşık, Science, Industry and Technology Minister prior to TÜBA 45th General Assembly.

The 'Invitation Program of Scientists From Overseas' by TÜBA



■ Prof. Dr. David Lillicrap who came from Canada to Turkey with TÜBA-Invitation of Scientists from Abroad Program for 11th International Turkey Hemophilia Congress.

The 'Invitation Program of Scientists from Overseas' implemented by TÜBA (Turkish Academy of Sciences) aims at ensuring scientific and cultural interaction between scientists still working at or retired from universities and other institutions in other countries and university personnel and students in Turkey in order to increase the probability of scientific collaboration with our country and help the young love science.

The program includes the activities to be carried out in Turkey by the scientists invited from overseas by the Academy member. Those working in or retired from an institution abroad as a part of the research and training activities carried out, that are foreigners or Turkish citizens could be invited for the program. On this program, TÜBA will cover expenditures related with the invitation out of the Academy budget in order to ensure interaction with scientists and their contributions.

National Stem Cell Policy Workshop's Report

"National Stem Cell Policy Workshop's Report" has been published which was performed at Erciyes University on 27-28 December 2013 with more than 30 institutions with over 90 participants by TÜBA.

During the workshop, many institutions and organizations came together in order to ensure harmony between universities and state hospitals, increase cooperation, encourage joint work and improve standardization and quality of services in the application of stem cells and treatments.

At the end of the workshop, nine different reports were created as a result of opinions and discussions of experts and managers and "TÜBA- National Stem Cell Policy Workshop Report" has been created that contains policies for stem cell studies of Turkey. The report that will undertake the task of guide in stem cell studies is scheduled to be updated every two years.



International Nutrition Award Given to TÜBA Principal Member Prof. Dr. Gökhan Hotamışgil

TÜBA Principal Member Prof. Dr. Gökhan Hotamışgil, who continues his work at Harvard University, has been awarded the "9th Danone International Nutrition Award" referred to as the Nobel of nutritional science.

Harvard University School of Public Health, Department of Genetics and Complex Diseases Head and James S. Simmons Genetics and Metabolism Professor Hotamışgil, has received his award given him by Danone Institute International in reference to his Works on immunity and metabolic diseases, at the ceremony on April 29 at the San Diego Convention Center USA.

With this important award which will allow expansion of research, Prof. Dr. Hotamışgil saying that he hoped to be able to contribute to common chronic metabolic disease prevention efforts, also added that he was excited about the award and with award could shed more light on nutrients' effects on metabolic diseases and immune system.

Principal Member of TÜBA, Prof. Dr. Taner Demirer, got the member of letters patent of European Academy of Sciences and Arts

Prof. Dr. Taner Demirer, who was chosen to membership of European Academy of Sciences and Arts-EASA in 8 November, participated to membership levee in Salzburg on 7-8 March.

President of Academy Prof. Dr. Felix Ünger gave the membership certificate to Prof. Dr. Taner Demirer.

TÜBA-GEBİP Member Assoc. Prof. Dr. Yusuf Baran elected The Most Successful Person in Turkey for "Scientific Leadership"

Faculty member at the Izmir Institute of High Technology Molecular Biology and Genetics Department also TÜBA-GEBİP (Turkish Academy of Sciences-Programme to Reward Young Successful Scientists) 2010 Awardee Assoc. Prof. Dr. Yusuf Baran was elected the most successful person in Turkey for "Scientific Leadership" by one of the world's biggest youth organizations, Junior Chamber International, JCI.

2 million Euros incentive granted by the EU 7th Framework Program to 'LIGNOFOOD' Project of TÜBA Principal Member Prof. Dr. Mustafa Ersöz and his team

'LIGNOFFOD' Project developed for the benefit of small and medium sized enterprises by Selçuk University (SU) Advanced Technology Research and Implementation Center (ILTEK), which is led by TÜBA Principal Member Prof. Dr. Mustafa Ersöz, has been entitled to receive support of 2 Million Euros by taking place in 10% of most successful projects.

On the Project in which lecturers of Selçuk University Prof. Dr. Mustafa Ersöz, Assistant Prof. Dr. Meltem Demirel Kars, Assistant Prof. Dr. Gökhan Kars, Assistant Prof. Dr. Meryem Kara, Assistant Prof. Dr. Serpil Edebali and PhD. Saliha Dinç took charge; it is aimed to provide solution to project partner small and medium sized enterprises (KOBİ) by developing biotechnological processes to produce healthy additive substances from natural resources.

TÜBA Association Member in CERN

TÜBA Association Member Associate Professor Dr. M. Bilge Demirköz, on the date of 4 February representing Middle Eastern States and users appointed to CERN User's Advisory Committee (Advisory Committee of CERN Users-ACCU).

CERN User's Advisory Committee making assembly four times a year provides consultancy to CERN's General Director for practical commitments with the intention of more practical ongoing research activities and in terms of internal managerial regulations.

Significant Success of the Principal Member of TÜBA, Prof. Dr. Gökhan Hotamışgil and his team

New researches, led by Gökhan Hotamışgil, the Principal Member of TÜBA, in Harvard University Genetics and Complex Diseases Department, has revealed a mechanism which plays an important role in destruction of beta cells responsible for producing type 1 insulin in diabetes.

On November 13th, 2013, one of the leading science magazines Science TM reported Dr. Gökhan Hotamışgil and his team's study which is supported by Juvenile Diabetes Research Foundation (JDRF).

2013 Presidential Culture and Art Grand Awards have found their owners

TÜBA Honorary Member Prof. Dr. Fuat Sezgin has been awarded due to his studies on Islamic Science and Technology in the Presidential Culture and Arts Grand Awards Ceremony, which has been organized in the Çankaya Mansion with the attendance of President of the Republic Abdullah Güll.

Order of Merit to Honorary Member of TÜBA Prof. Dr. György Hazai

President Abdullah Gül conferred Republic and Order of Merit to those who made significant contributions to Turkey, Turkish, Turkish culture and its history and the study of Turkey. Order of Merit is conferred to Honorary Member of TÜBA famous Hungarian Turcologist Prof. Dr. György Hazai.

In a ceremony held on June 11, 2014 at Çankaya Palace President Güll said that the efforts of scientists who work in this field is admirable, recognizing the worth of Turk culture, history and civilization outside Turkey not being a Turkish citizen.

TÜBA-GEBİP Member Assist. Prof. Dr. Ebru Erbay Receives The Grand Research Award from European Research Council

Assist. Prof. Dr. Ebru Erbay, TÜBA-GEBİP Member and Bilkent University Molecular Biology and Genetic Department Academic Member, gained right to 1,5 million euro support of European Research Council (ERC).

Erbay, also awarded the first ERC Starting Independence Researchers Grant given to Turkey in the field of life sciences, will carry out her studies on cardiovascular surgery, by the help of 1,5 million euro supplied for 5 years, together with her team of 12 researchers.

TÜBA Association Member Prof. Dr. Hayrunnisa Bolay Belen is at the Execution Board of International Headache Society

TÜBA Associate Member Prof. Dr. Hayrunnisa Bolay Belen, on the date of 13 November 2013 was assigned as the member of the Execution Board of International Headache Society-HIS. In the light of the membership of Belen, Turkey in HIS is represented at administrative level for the first time.

TÜBA Principal Member Prof. Dr. İlber Ortaylı, awarded the Melvin Jones Fellow Prize

TÜBA Principal Member Prof. Dr. İlber Ortaylı, received the Melvin Jones Fellow Prize. Melvin Jones Fellow Prize, named after the founder of Lions Clubs, awarded to sharer and clement people with social projects appreciated by the society, who contribute to humanity and community development, was given to Founding Member of Academy Prof. Dr. İlber Ortaylı at the ceremony held on December 20th, 2013.