

Sabanci University

**RESEARCH AND
GRADUATE POLICY
DIRECTORATE**

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RESEARCH AT SU**

in February 2009, features

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more information at: rgp.sabanciuniv.edu

1. COST - European Cooperation in the field of Scientific and Technical

COST (European COoperation in the field of Scientific and Technical) was the first and is the widest European network for the coordination of nationally funded research activities.

The goal of COST is to ensure that Europe holds a strong position in the field of scientific and technical research for peaceful purposes, by increasing European cooperation and interaction in this field. This research initiative makes it possible for the various national facilities, institutes, universities and private industry to work jointly on a wide range of Research and Development (R&D) activities.

COST, together with EUREKA and the EU framework programmes, is one of the three pillars of joint European research initiatives. These three complementary structures have differing areas of research.

COST has clearly shown its strength in non-competitive research, pre-normative cooperation, and solving environmental, cross-border and public utility problems. It has been successfully used to maximise European synergy and added value in research cooperation and is a useful tool to further European integratio.

Ease of access for institutions from non-member countries also makes COST a very interesting and successful tool for tackling topics of a truly global nature. As a precursor of advanced multidisciplinary research, COST plays a very important role in building a European Research Area (ERA). It anticipates and complements the activities of the EU Framework Programmes, constituting a "bridge" towards the scientific communities of emerging countries. It also increases the mobility of researchers across Europe and fosters the establishment of scientific excellence in the nine key domains:

- Biomedicine and Molecular Biosciences
- Food and Agriculture
- Forests, their Products and Services
- Materials, Physical and Nanosciences
- Chemistry and Molecular Sciences and Technologies
- Earth System Science and Environmental Management
- Information and Communication Technologies
- Transport and Urban Development
- Individuals, Societies, Cultures and Health

COST does not fund research itself but provides a platform for European scientists to cooperate on a particular project and exchange expertise. These projects are called "Actions". Each COST Action is a network centred around nationally-funded research projects in fields that are of interest to at least five COST countries. COST provides the COST Actions with financial support for joint activities such as conferences, short-term scientific exchanges and publications. Each COST Action has an objective, defined goals and clear deliverables. COST Actions have located their topic into one of COST's scientific Domains.

One of COST's main characteristics is its flexibility, allowing for an easy implementation and light management of the research initiatives. Activities are launched following a "bottom-up" approach, meaning that the initiative of launching a COST Action comes from the European researchers themselves. The member countries participate on a "à la carte" principle, in that only countries interested in the Action participate.

Researchers who wish to launch a new Action first submit a short proposal to the continuous COST Open Call for Proposals, which is then evaluated by the Domain Committee. If the proposal is accepted, the applicants are invited to submit a full proposal with a complete Technical Annex (the scientific and managerial description of an Action). The full proposal is then assessed through a peer review process.

A Memorandum of Understanding (MoU) provides the formal basis of an Action. The proposal for a new Action must fulfill certain formal and qualitative criteria, and if the Committee of Senior Officials (CSO) approves the MoU, the COST countries wishing to take part in the Action can sign it. An Action starts when at least five COST member states have signed the MoU and if it runs for an average of four years.

For further information please visit:
<http://www.cost.esf.org/>

2. EUREKA

EUREKA is Europe-wide, bottom up initiative which was established to enhance European competitiveness through its support to businesses, research centres and universities who carry out pan-European projects to develop innovative products, processes and services. EUREKA offers flexible and decentralized support for innovative and close-to market research and development projects by facilitating access to national public and private funding schemes.

Turkish EUREKA support system was designed in line with EUREKA's main objectives and it also aims to support EUREKA projects of Turkish companies with a favorable way. All eligible costs of Turkish participants of EUREKA partners are provided to companies as a grant throughout project duration. Only Turkish companies with foreign partners from EUREKA member countries can apply for this programme and there is no specific application deadline or cut-off date for project applications.

For further information please visit:
<http://www.eureka.be/home.do>

3. COST success story: FENS Faculty Member Dr. Hikmet Budak describes his experience with COST

COST success story: FENS Faculty Member Dr. Hikmet Budak describes his experience with COST	HikmetBudak
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COST (European Cooperation in Science and Technology) is an intergovernmental project assisting the coordination of nationally-funded research at the European level. This research initiative helps a number of institutes, universities and private industry to work jointly on a wide range of Research and Development (R&D) activities across Europe.

My introduction to the COST program was through ETGI (European Triticeae Genomics Initiative) where I serve as coordinating member. We started out by discussing the details of the project with the ETGI partners and eventually decided to propose a COST project that included both scientific and social aspects that would also benefit all the partners involved. Cereals (wheat, barley, rye) are essential in human nutrition and represent the most important crops for European agriculture. Existing germplasm resources and current molecular and classical breeding methods alone are insufficient for understanding the mechanisms underlying yield and quality improvement. Major advances in crops require a broad suite of direct genomics approaches, built on relevant data from model plants (rice, Brachypodium). A project of such dimension is immensely complex and can only be carried out efficiently at the international level. We then decided to propose a COST Action to coordinate, focus and strengthen national and pan-European Triticeae Genomics.

The COST proposal was prepared jointly by all the participants involved, however, we also send a separate application to TUBITAK, since the financial support for COST projects are provided by the national agencies once the project receives the COST stamp. The scientific collaboration of this project was carried out with the European partners, and the financial issues were addressed with TUBITAK. Like other projects I have participated in during my stay at Sabanci University, I have not faced any bureaucratic problems. Once I provided them with a framework, the RGP office helped me prepare the budget and complete all the required paperwork. I would like to infuse a quick note here to inform faculty members that I have never ever worried about any bureaucratic tasks when applying for projects during my stay at Sabanci University.

4. EUREKA success story: FENS Faculty Member Dr. Aytül Erçil describes her experience with EUREKA

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**EUREKA success story: FENS Faculty Member
Dr. Aytül Erçil describes her experience with EUREKA**

EUREKA is a decentralized network for businesses, research centers and universities that carry out pan-European projects to develop innovative products, processes and services. At least two partners from 39 full EUREKA member countries are necessary to submit a proposal and after a rigorous review of the proposal by all the partner countries involved, the EUREKA label is given to the project if the project shows the potential of increasing European competitiveness in a certain area.

My introduction to the EUREKA program was through a brokerage event that was organized in Germany; Cemil Arıkan, who was at the time the founding head of TIDEB (currently known as TEYDEB) organized a large participation from Turkey and encouraged several of us (and paid for our expenses :) to attend. At the time, I was a faculty member at Bogazici University. At that brokerage event I listened to many project ideas and one in particular was very interesting and well in tune with our activities at the time. We then began discussing the details of the project with the proposers and the potential partners. We eventually came into an agreement that was very satisfactory scientifically and socially for all the partners involved. This project was completed successfully in 3 years, resulting in an international achievement award for us. Our Italian partners introduced us to another Italian company for another potential Eureka project, called Pack 2000. At that time, I have moved to Sabanci University and the proposal preparation stage was much easier than my previous experience. I received substantial help from the RGP office in the proposal preparation stage, especially for budget preparation and consortium agreement. I just prepared a rough budget and all the details were prepared by the RGP office.

The Eureka proposal was prepared jointly by all the participants involved, however, we had to make a separate application to TUBITAK, since the financial support for Eureka projects are provided by the national agencies once the project receives the Eureka stamp. Hence we had to prepare a separate application with a lot more detail than the Eureka proposal. The project therefore had two legs. The scientific collaboration was carried out with the European partners, and the financial issues were addressed with TUBITAK.

In my first Eureka project, before I had joined Sabanci University, I had faced a myriad of bureaucratic problems and so was not really eager to enter into another Eureka project; however, with this second project, I was really shielded from most of the bureaucracy and was thus able to concentrate on the scientific aspects of the project. The project ended up as a success and was selected by the Eureka office as a success story.

5. Open Call for Proposals

EU 7TH FRAMEWORK - TUBITAK

Sponsored Institution	Call Title	Deadline for Submission	Theme
EU FP7 People Specific Program			
EU FP7- People	FP7-PEOPLE-2009-IRSES	27 March 2009	People
EU FP7- People	FP7-PEOPLE-2009-IRG	02 April 2009	People
EU FP7- People	FP7-PEOPLE-2009-ERG	02 April 2009	People
EU FP7- People	FP7-PEOPLE-2009-EURAXESS	22 April 2009	People
EU FP7 Capacities Specific Program			
EU FP7- Capacities	FP7-INFRASTRUCTURES-2009-1	17 March 2009	Research Infrastructures
EU FP7 Ideas Specific Program			
EU FP7- Ideas	ERC-2009-AdG_20090325	25 March 2009	Advanced Grant for Physical Sciences and Engineering

EU FP7-Ideas	ERC-2009-AdG_20090415	15 April 2009	Advanced Grant for Social Sciences and Humanities
EU FP7-Ideas	ERC-2009-AdG_20090506	06 May 2009	Advanced Grant for Life Sciences
EU FP7 Cooperation Specific Program			
EU FP7-Cooperation	FP7-KBBE-2009-17087	03 March 2009	Food, Agriculture and Fisheries, and Biotechnology
EU FP7-Cooperation	FP7-NMP-2009-CSA-3	31 March 2009	Nanosciences, Nanotechnologies, Materials and new Production Technologies
EU FP7-Cooperation	FP7-NMP-2009-Mapping	31 March 2009	Nanosciences, Nanotechnologies, Materials and new Production Technologies
EU FP7-Cooperation	FP7-NMP-ENV-2009	31 March 2009	Environment (including Climate Change) Nanosciences, Nanotechnologies, Materials and new Production Technologies
EU FP7-Cooperation	FP7-ICT-ENERGY-2009-1	31 March 2009	Energy Information and Communication Technologies
EU FP7-Cooperation	FP7-GALILEO-2008-GSA-1	31 March 2009	Transport (Including Aeronautics)
EU FP7-Cooperation	FP7-ICT-2009-4	01 April 2009	Information and Communication Technologies
EU FP7-Cooperation	FP7-ERANET-2009-RTD	21 April 2009	Environment (including Climate Change) Food, Agriculture and Fisheries, and Biotechnology Health Nanosciences, Nanotechnologies, Materials and new Production Technologies Socio-economic sciences and Humanities
EU FP7-Cooperation	FP7-ENERGY-2009-2	29 April 2009	Energy
EU FP7-Cooperation	FP7-ICT-2009-C	26 May 2009	Information and Communication Technologies
EU FP7 Euratom Specific Program			
EU FP7-Euratom	FP7-Fission-2009	21 April 2009	Nuclear Fission and Radiation Protection
TUBITAK			
TUBITAK	Support Program for Scientific and Technological Research Projects (1001)	06 March 2009	-
TUBITAK	Global Researcher Program (1010)	06 March 2009	-
TUBITAK	The Participation Program for International Scientific Research Projects (1011)	06 March 2009	-
TUBITAK	Visiting Scientists Fellowship Program (2221)	End of every month	-
TUBITAK	Support Program for Research Projects of Public Institutions (1007)	01 May 2009	-
TUBITAK	Career Development Program (3501)	07 August 2009	-
TUBITAK	Support Program for the Initiative to Build Scientific and Technological Cooperation Networks and	Open	-

	Platforms (1301)		
TUBITAK	Patent Application Promotion and Support Program (1008)	Open	-
TUBITAK	Short-Term R&D Funding Program (1002)	Open	-
European Science Foundation (ESF)			
ESF	Maximizing the Impact of Graphene Research in Science and Innovation (EuroGRAPHENE)	9 March 2009	-
ESF	European Comparisons in Regional Cohesion, Dynamics and Expressions (EuroCORECODE)	10 March 2009	-
ESF	Mediterranean Climate Variability and Predictability (MedCLIVAR)	15 September 2009	-
ESF	Origin of the Elements and Nuclear History of the Universe (EuroGENESIS)	24 March 2009	-
COST			
EU RTD Framework Program	European Cooperation in the field of Scientific and Technical Research	27 March 2009	-
SAN-TEZ			
Ministry of Trade and Industry	2009 Industry Thesis (SAN-TEZ) Programme	15 August 2009	-

6. RGP News

Proposals and Activities of RGP Directorate in January through February 2009

The RGP Office has processed 5 proposals for the following sponsoring agencies from January through February 2009.

- 1 proposal for FP7 Cooperation, Information and Communication Technologies (ICT) Program.
- 2 proposals for Lifelong Learning Program- Jean Monnet Action.
- 1 proposal for FP7 Capacities, REG-POT Program.
- 1 proposal for Hacı Ömer Sabancı Foundation Project

Attended Meetings and Events of the RGP Directorate in January through February

- TUSIAD R&D, 06 January 2009, Dr. Cemil Arıkan made a presentation about Cooperation- National Innovation Initiative.
- Best FM, 14 January 2009, Dr. Cemil Arıkan dissertated about National Innovation Initiative.
- TUBITAK, 21 January 2009, Didem Kılıçoğlu attended to "The ERC Conference Coordination Assembly".
- TUBITAK, 26 January 2009, Ebru Ocak attended to "Marie Curie/International Research Staff Exchange Scheme".
- Eczacıbasi, 06 February 2009, Dr. Cemil Arıkan made a presentation about National Innovation Initiative on The National Innovation Initiative-Executive Board Assembly.
- Research and Graduate Policies, 11 February 2009, RGP arranged "TUBITAK 1001 Info Day".
- TUBITAK, 12 February 2009, Ebru Ocak attended to "Marie-Curie/Attracting Research Talent EREF Conference".
- RGP, 25 February 2009, RGP arranged "Cooperation/Health and Cooperation/Food, Agriculture & Fisheries and Biotechnology Info Day" with TUBITAK FP7 Cooperation NCP.

DevrimGozuacik

UgurSezerman

7. Latest Research News

Sabancı University Faculty has been awarded with two new grants from the European Commission FP7 Marie Curie International Re-integration Grants (IRG)

Dr. Özge Türüt, Faculty Member at the Faculty of Management, has been awarded a Marie Curie IRG Grant for her project entitled "Incumbents' Innovation Strategy Choice Under Market Uncertainty".

Dr. Cemal Yılmaz, Faculty Member at the Faculty of Engineering and Natural Sciences, has been awarded a Marie Curie IRG Grant for his project entitled "Using Hardware Performance Counters for Functional Correctness Debugging".

8. Upcoming Events

- "Conference on Creativity and Innovation", March 2-3, 2009, Brussels, Belgium.
- "ICT Partnering Event at CeBIT 2009", March 3-8, 2009, Hannover, Germany.
- "Workshop on Ethical issues in ICT Research and Development", March 5, 2009, Hamburg, Germany.
- "School on Hybrid Nanostructured Materials for Photovoltaic Applications", March 9-11, 2009, Valencia, Spain.
- "Advanced Networking Workshop on Cyber Terrorism: Prevention and Protection", March 12-15, 2009, Chisinau, Moldova.
- "European Research Council (ERC) 2009 Turkey Conference", March 13, 2009, Istanbul, Turkey.
- "European Wind Energy Conference and Exhibition 2009", March 15-19, 2009, Marseille, France.
- "3rd Vienna International Conference on Nano-Technology", March 18-20, 2009, Vienna, Austria.
- "CHEP'2009 - Computing in High Energy and Nuclear Physics", March 21-27, 2009, Prague, Prague Congress Centre.
- "17th International Conference on Computing in High Energy and Nuclear Physics",
March, 21-27, 2009, Prague, Czech Republic.
- "Activities of the Research, Innovation and Business Network (RIBN) for Central and South-Eastern Europe", March 24, 2009, Brussels, Belgium.
- "Advanced Research Workshop on Control and Risk Prevention of Dangerous Materials and Crisis Management", March 26-27, 2009, Sofia, Bulgaria.
- "Conference on Knowledge Strategies for the European Innovation Economy", March 30-31, 2009, Helsinki, Finland.
- "European Conference on Space Debris", March 30-April 2, 2009, Darmstadt, Germany.
- "Nanotec2009 Conference", March 31-April 3, 2009, Rome, Italy.
- "COST Foresight 2030 - Workshop on Computer and Communication Sciences and Technologies", April 01-03, 2009, Bruges, Belgium.
- "Congress on energy efficiency and renewable energy sources for south-east Europe", April, 6-8, 2009, NDK, Sofia, Bulgaria.
- "Congress on Energy Efficiency and Renewable Energy Sources for South-East Europe", April 6-8, 2009, Sofia, Bulgaria.
- "European Future Technologies Conference", April 21-23, 2009, Prague, Czech Republic.
- "International Congress on Food and Nutrition", April 22, 2009, Antalya, Turkey.
- "ICT Brokerage Event and Information Day", April 29-30, 2009, Brno, Czech Republic.

9. Call Forecast

Call Theme	Call to be Published
FP7 MC Intra- European Fellowships (IEF)	Call to be published in 18 March 2009
FP7 MC International Incoming Fellowships (IIF)	Call to be published in 18 March 2009
FP7 MC International Outgoing Fellowship (IOF)	Call to be published in 18 March 2009
FP7 MC Industry Academia Partnerships & Pathways (IAPP)	Call to be published in 24 April 2009

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