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From October 29 - 30, 2009 to May 27 - 28, 2010
- 21 new events

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### NEXT NEWSLETTER

February 2010

All partners are invited to send contributions to [news@iseki-food.net](mailto:news@iseki-food.net)



### PROJECTS

#### TRACK\_FAST project



Since September 2009, the ISEKI\_Food Association and many members of the ISEKI\_Food network participate in the project "TRACK\_FAST: Training Requirements and Careers for Knowledge-Based Food Science and Technology in Europe" - FP7 KBBE 227220, financed by the 7FWP. This project involves 27 beneficiaries from 16 different European countries. The kick-off meeting was last November in Porto, and soon different websites will be launched.

TRACK\_FAST is drawn from all geographic points of Europe, and its main objective is the identification of the training and career requirements of future European food scientists and technologists (FST), and implementation of a European strategy to recruit the next generation FST leaders.

TRACK\_FAST will achieve this goal through: Identification and definition of personal skills requirements in food job market; Developments for the regulation of food science and technology professions in Europe; Establishment of a framework for continual professional training and career development for the FST professional; and Motivation of young people to enter and pursue of a career in food science and technology in Europe.

The project will therefore coordinate a programme of information and experience gathering, discussions with employers and employees, and with those responsible for providing academic and other training deliver awareness and experience in career development activities. Moreover, young students will be motivated to pursue a career in food area, thus promoting a new generation of skilled, flexible and enthusiastic food scientists and technologists. TRACK\_FAST will provide main stakeholders with a forum within which their main needs will be considered. Moreover, TRACK\_FAST focus on the key factors to identify needs and guide future works, as well as the development of specific and effective measures to prompt changes. The consortium and work plan are framed in a strong engagement between stakeholders, thus TRACK\_FAST will contribute to a more innovative and competitive food and drink sector, which is a key area for job creation, global competition and societal benefit in Europe.



## NEWS FROM

### CIBIA VII Congress



The coordinator of the ISEKI\_Food projects was invited to make a presentation on the ISEKI\_Food network at the congress CIBIA VII, last September in Bogotá-Colombia.

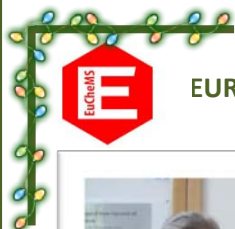
● The title of the presentation was: "ISEKI\_Food Network: *Role in Food Studies and Career of Food Scientists and Technologists*".

● The lecture was attended by more than 300 participants, mostly from South America.

During the conference, and also as president of IFA (ISEKI\_Food Association), Cristina Silva was invited to take part in a meeting of 15 iberoamerican institutions on food engineering studies, representing Brazil, Chile, Costa Rica, Ecuador, Spain and Portugal. The objectives were to establish collaboration on: recognition of curricula, students and staff mobility, and financing sources to support these activities. This meeting was initiated by Ruth de la Asunción, Director of the Escuela de Tecnología de Alimentos de la Universidad de Costa Rica, and co-coordinated by Jairo Romero, President of Asociación Colombiana de Ciencia y Tecnología de Alimentos.

● The ISEKI-FOOD Series was used to develop some modules (Vol.1. Food Safety) and for case studies (Vol. 6 case studies in Food Safety and Environmental Health).

More info: <http://www.cibiacolombia.org/>



### EURO FOOD CHEM XV - food for the future



ISEKI Food partners Prof. Rimantas Venskutonis (Lithuania) and Prof. Dr. Carmen Socaciu (Romania) participated in the conference on food chemistry EURO FOOD CHEM XV - FOOD FOR THE FUTURE - the contribution of chemistry to improvement of food quality, which was held in Copenhagen on 5-8 July 2009.

The conference was organized by the Food Chemistry Division of the European Association for Chemical and Molecular Sciences (EuCheMS) and it was hosted by the Faculty of Life Sciences (LIFE) - University of Copenhagen.

The official ISEKI Food posters were displayed during the conference and participants were able to acquaint themselves with the main objectives of the ISEKI Food and the scope of its activities. Prof. R. Venskutonis and Prof. V. Piironen who are national representatives at the Food Chemistry Division and contact persons for ISEKI Food in this organisation participated in the annual Food Chemistry Division meeting, which was held after the conference and informed the members of the Division about ongoing activities of ISEKI Food. Prof. R. Venskutonis also participated in symposium 'Health aspects of cheese' in Drøbak (Norway) on 6-8th of October 2009 and International Conference on Functional Foods and Nutraceuticals in San Francisco (USA) on November 1-4, 2009; he disseminated ISEKI Food activities during individual discussions with the participants of these events.

### NEWS FROM WP4 coordinator

Members of WP4 Quality Assurance have developed a reporting procedure that will help all WP Coordinators keep track of their progress and provide the Project Coordinator, Cristina, with details of progress against the targets for the Project. Much of the hard work in developing this has been done by Xavier Nicolay who has created a spreadsheet into which details can be entered during the project. The information collected also helps identify synergies and potential collaboration across the WPs. Richard Marshall has collated the annual short summaries of progress that have been sent to our External Evaluators. This is an essential part of monitoring our work and provides feedback to ensure that the project is on track for success.

WP4 works very closely with HAM2 ISEKI-Mundud Quality Plan, whose coordinators are Pablo Ribotta, National University of Cordoba (AR), Navaphattra Nunak, King Mongkut's Institute of Technology Ladkrabang (TH) and Tanaboon Sajjaanantakul, Kasetsart University (TH).



## AQUA-TNET debated hot topics in education and training at Annual Event 2009 in Spain

Lifelong learning, generic skills training and discussions on how the aquaculture research and education sectors can better interact with NGOs, were just a few of the hot topics discussed during the successful Annual Event 2009 of AQUA-TNET, held in San Feliu de Guixols in Spain last month.

The pan-European education network AQUA-TNET plays a leading co-operative role between higher education institutions and other partners such as academic organisations, research institutions and industry in the European aquaculture, fisheries and aquatic resource management sector. Responding to EC reforms and policies, that emphasise the role of top-quality education as a prerequisite in developing Europe as the most competitive and dynamic knowledge-based economy in the world, AQUA-TNET's multi-faceted approach has enabled the network to make a real contribution to uniting academic and vocational aspects of the Bologna reforms, aiming for greater compatibility and comparability of the systems of higher education in Europe.

During the 3 day event the network was informed about the network's achievements in the past year and goals for the future. Key note speakers addressed topics such as "Aquaculture in the 21st century, trends to be considered in education and training", "How can the Aquaculture Knowledge Generators better interact with NGOs", and "Meeting the Challenge of Providing Lifelong Learning", which led to interesting discussions among speakers and the AQUA-TNET network representatives. The discussion on integration between the AQUA-TNET network and other structures showed that the European Aquaculture Technology and Innovation Platform (EATIP) will be of high importance and value in the future, and participants were encouraged to take an active attitude.

Innovation in teaching experts gave a demonstration of the latest interactive teaching techniques and showcased several new technologies and their potential application in training and education. The interactive session, showcasing numerous new and innovative technologies, such as using backchannel in lectures and conferences, and several online survey methodologies, was of high value to participants.

An integral part of the event was a stakeholder interaction session with the work package groups. This provided an important opportunity to discuss activities and opportunities for collaboration. A lot of feedback and suggestions for progress were generated. The event was brought to a close with an intriguing mix of upcoming projects which were presented by individual participants.

The highly productive and successful event provided a great opportunity for networking of the partners, who have established even more useful contacts for successful future cooperation.

**More info:** [www.aquatnet.com](http://www.aquatnet.com)

Or contact the AQUA-TNET Secretariat at [info@aquatnet.com](mailto:info@aquatnet.com)

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## FRONTIERS in WATER BIOPHYSICS conference in Trieste, May 2010

The conference *Frontiers in Water Biophysics* will be held in Trieste, Italy, from May 23 to 26, 2010 organised by the University of Trieste, University of Teramo and Udine.

The conference offers opportunities for presentation and discussion of the most up-to-date research in the field of *water structure and dynamics*, properties which make water an unique molecule in all aspects of human life. Main topics will be on the active role of water in *food, pharmaceutical and life sciences*, and on their related technological aspects.

The event is open to receive contributions from any world scientist wishing to share knowledge, start new collaborations, debate opinions and friendly enjoy the open atmosphere of the conference in Trieste.

**More info:** <http://water2010.eu> or contact Paola Pittia at [ppittia@unite.it](mailto:ppittia@unite.it)



## ISEKI-Food Series

We continue to introduce the books in The ISEKI Food Series and now we focus on volume 3 Utilization of By-Products and Treatment of Waste in The Food Industry edited by Vasso Oreopoulou from the National Technical University of Athens in Greece and Winfried Russ from the Technical University of Munich in Germany.

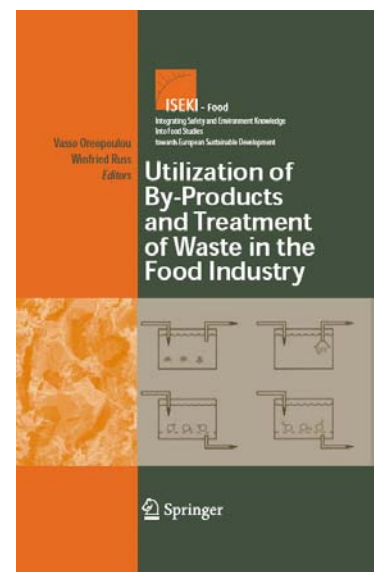
The third volume in the series is devoted to utilization and treatment of waste in the food industry. Emphasis is placed on sustainability of food sources and how waste can be turned into by products rather than pollution or landfills. The Book is composed of 15 chapters starting off with an introduction of problems related to the treatment of waste, and an introduction to the ISO 14001 standard used for improving and maintaining environmental management systems. This is followed by chapters on the fundamental engineering principles applicable and then the book continues to describe the treatment and utilization of both liquid and solid waste with case studies from many different food processes including the wine, oil, meat, dairy, fish and grain. The book concludes with chapters dealing with recovery of proteins and other valuable materials from waste and composting of food and agricultural wastes. The book is available from Springer and soon from the IFA Web page.

**More info:** <https://www.iseki-food.net/drupal/>

## Utilization of By-Products and Treatment of Waste in The Food Industry.

*Editors:*

*Vasso Oreopoulou and Winfried Russ*



## IUFOST-Congress 2010, Cape Town, SA

The 15th IUFOST World Congress of Food Science and Technology will take place in South Africa from 22 – 26 August 2010, only six weeks after the Soccer World Cup.

**Theme:** Food Science Solutions in an Evolving World.

After many excellent IUFOST conferences, most recently in Shanghai (PR China), the South African Association for Food Science and Technology invites delegates and participants to attend the 15<sup>th</sup> IUFOST Congress at “Cape Town International Convention Centre” (CTICC).

Apart from the plenary lectures – among others by Prof. Dr. Werner Bauer, Nestlé company - - congress highlights will include presentations by selected “junior scientists” and “distinguished lecturers” on burning issues of global nutrition. The focal point of the congress will naturally be on Africa, whose potentials and problems will be discussed in special working groups.

Important parts of the congress will be dedicated to significant and interesting issues of food safety, nanotechnology, energy, water utilization and education.

The IUFOST General Assembly that will be held in conjunction with the congress offers an ideal opportunity, not only for the delegates of the 70 member organizations, but also for all interested congress participants as representatives of approx. 200000 colleagues worldwide, to inform themselves on the work of IUFOST and – more importantly – to participate in the development of the association’s future working programme (food safety, distance learning etc.).

**More info:** [www.iufost2010.org.za](http://www.iufost2010.org.za).



## Food Technology Days

From 26-27th November the 26<sup>th</sup> Food Technology Days dedicated to the late Prof. F. Bitenc were going on at Biotechnical Faculty in Ljubljana, Slovenia. The event was organized by the Department of Food Science and Technology at Biotechnical Faculty and Slovene Nutrition Society. This year the thematic survey of topic in food sciences, technology and nutrition for postgraduate students and secondary school teachers or others interested was *Role of Minerals in Food Technology and Nutrition*. There were 39 lectures covering the topic prepared from 39 authors. In the plenary section two invited lecturers, one from University of Natural Resources and Applied Life Sciences (BOKU) in Vienna, Austria, and one from Analytical Toxicology and Mineral Metabolism Unit, Institute for Medical Research and Occupational Health in Zagreb, Croatia, started the meeting with their views on minerals in food processing and from essentiality to toxicity and their impact on the physiology of human body. Other authors covered various roles of minerals such as minerals in maintaining human health, in food technology and safety, current ways of balanced mineral uptake, analysis of minerals and practical cases of mineral balanced foods. At this meeting Veronika Abram introduced the ISEKI\_Food projects, IFA-Food Association and the results of these projects. At the end of the meeting 4 PhDs shortly presented their thesis to the audience.

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### TECHNO TN meeting in Bruxelles

TECHNO TN is an Archipelago of Thematic networks in the fields of Sciences and Technology supported by the European Commission, Directorate General Education and Culture, in the frame of the Socrates Programme (Accompanying measures / Higher Education, to whom the ISEKI\_Food 3 project is partner (<http://www.sefi.be/technotn/>)).

At the end of October Paola Pittia attended in place of Cristina Silva as representing ISEKI\_Food 3, to a TECHNO TN meeting in Brussels to review the impact of the TECHNO TN 2009 forum held in June 2009 (see *ISEKI Newsletter*, issue 3) in the Thematic Networks of the Archipelago and to plan the future activities.

On the basis of the feed-backs received from all the Thematic Networks there was a clear evidence of the importance of such a project to discuss in a horizontal perspective on topics of common interest related to education, research and their relationship with industry. All the participant networks, led by prof. Prof. Whewell, agreed to continue this networking project and to apply for financial support for the TECHNO TN forum in 2011 to discuss about accreditation and quality of study, attracting and retaining students as well as employability.

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### FISEC - Food Industry Students European Council

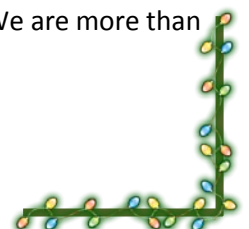
FISEC has held two meetings in the 2009, i.e. in Istanbul ( general assembly, April ) and Brussels ( food convention, November ). A new executive board as well as a plan for the future activities of the organization was promoted and decided upon. Moreover, in the 2009 FISEC has continued its partnership with the following organizations:

- ISEKI- represented by Sami Āžahin\*\* and Dusan Tomic
- EFFoST- represented by Nikola Jovic

The current activities involve gathering new members and forming local committees, as well as preparing the forthcoming events in the year 2010.

In order to activate new members and make FISEC a largely attended organization we here to appeal to faculties, colleges and institutes all over Europe to inform their student organizations about our activities. We are more than willing to enable them to participate in our numerous projects.

**More info:** [info@fisec-europe.com](mailto:info@fisec-europe.com) or  
[fisec.belgrade@gmail.com](mailto:fisec.belgrade@gmail.com)





## International Symposium on "New Research in Biotechnology"



The 2nd INTERNATIONAL SYMPOSIUM "New Research in Biotechnology" took place in University of Agronomical Sciences and Veterinary Medicine Bucharest, on 19-20th november 2009. The symposium was organized by the Faculty of Biotechnology and the Center of Microbial Biotechnology BIOTEHGEN.

Symposium topics were focused on research results in biotechnological fields, which have high application potential in agriculture, food industry and food safety. It had gathered 87 participants from different countries (Austria, Bulgaria, France, Germany, Moldavia, Serbia) and the papers were published in English, in a special volume of the Biotechnology Faculty Journal, a CNCSIS reconized journal- B category.

Within the Symposium 63 posters were presented, four of them were even awarded:

- *The effect of NaCl and sugars on secoiridoid glucosides production in root cultures of two Centaurium species (Fam. Gentianaceae), D. MIŠIĆ, B. ŠILER, J. NESTORVIĆ, D. GRUBIŠIĆ;*
- *Eight cell disruption methods for the obtaining of Spent brewer's yeast cell wall, MARINESCU GINA, STOICESCU ANTONETA;*
- *Adaptative response of Shewanella putrefaciens and Pseudomonas aeruginosa to toxic organic solvents, MIHAELA MARINELA LAZAROAIE;*
- *Electronic Nose for discrimination of Romanian apples, ELENA PRUTEANU, DENISA DUTA, FULVIA HINCU.*

More info: <http://www.biotehnologii.usamv.ro/evenimente/view/international-symposium-19-20-nov-2009>



## UPCOMING EVENTS

### ECTN Newsletter now available

Date: from august 2009

More info: [http://ectn-assoc.cpe.fr/news/letter/2009/102\\_200908.htm](http://ectn-assoc.cpe.fr/news/letter/2009/102_200908.htm)

### EFFoST newsletter. Year 3 - August issue now available

Date: from Thu, 20 Aug 2009 19:11:54 +0200

More info: <http://www.fffost.org/newsletter.htm>

More inf about the publication: [newsletter@fffost.org](mailto:newsletter@fffost.org)

### Request of event listing to EFFoST:

<http://www.fffost.org/agendaform.htm>

### NEW! Western Branch Social and Networking Day

Date: 24 Jan 2010

More info:

[http://www.ifst.org/upcoming\\_events/29502/Western\\_Branch\\_Social\\_and\\_Networking\\_Day](http://www.ifst.org/upcoming_events/29502/Western_Branch_Social_and_Networking_Day)

Venue: Tredegar House, Britain

### NEW! Salt, fat and sugar reduction Symposium

Date: 22-24 March 2010

More info: <http://www.ficonferences.com/cmpic01/sfs/agenda.html>

Venue: Frankfurt, Germany

### NEW! Taste, nutrition, health international symposium

Date: 23-24 march 2010

More info: <http://www.taste-nutrition-health.com/>

Venue: Dijon, France

### NEW! Doctoral and postdoctoral professional development in Agricultural and Life Sciences Conference - Challenges for the next decade

Date: 7-9 April, 2010

More info: [http://www.fbw.ugent.be/APLU\\_ICAconference2010](http://www.fbw.ugent.be/APLU_ICAconference2010)

Venue: Gent (Belgium)

### NEW! IFST Spring Conference: The Future of Food - Can we strike the right balance?

Date: 22 - 23 April 2010

More info:

[http://www.ifst.org/upcoming\\_events/29050/IFST\\_Spring\\_Conference%3a\\_The\\_Future\\_of\\_Food\\_-\\_Can\\_we\\_strike\\_the\\_right\\_balance%3f\\_22\\_-\\_23\\_April\\_2010](http://www.ifst.org/upcoming_events/29050/IFST_Spring_Conference%3a_The_Future_of_Food_-_Can_we_strike_the_right_balance%3f_22_-_23_April_2010)

Venue: The George Hotel, Edinburgh

### "Organic Days" : European Partnering Event on Organic Preservation

Date: Apr 23, 2010

More info: <http://www.enterprise-europe-network.ec.europa.eu>

Venue: Valence, France

### ISOPOL XVII - International Symposium On Problems Of Listeriosis

Date: 5-8 May 2010

More info: <http://www.esb.ucp.pt/isopol2010/>

Venue: Porto, Portugal.

### NEW! FOOD INGREDIENTS CENTRAL & EASTERN EUROPE 2010

Date: : May 18-20, 2010

More info: <http://cee2008.fi-events.com/content/default.aspx>

Venue: Warsaw, Poland

**NEW! 5th Central European Congress on Food**

Date: May 19-22, 2010

More info: [www.vup.sk](http://www.vup.sk)

Venue: Bratislava, Slovakia

**NEW! Frontiers in Water Biophysics**

Date: 23-26 May, 2010

More info: <http://www.water2010.eu/en/>

Venue: Trieste, Italy

**NEW! Understanding, measuring and predicting  
the shelf life of foods : Theory-Applications**

Date: October 29 - 30, 2009 **!POSTPONED to May 27 - 28, 2010**

More info : [www.auth.gr/agro/fst](http://www.auth.gr/agro/fst)

Venue : Aristotle University of Thessaloniki - Greece

**NEW! XVII World Congress of CIGR "Sustainable Development through  
Engineering**

Date: June 13-17, 2010

More info: [www.cigr2010.ca](http://www.cigr2010.ca)

Venue: Québec City, Canada

**NEW! International Scientific Conference on  
Probiotics and Prebiotics - IPC2010**

Date: 15th - 17th June 2010

More info: <http://www.probiotic-conference.net/>

Venue: University city of Kosice, Slovakia

**NEW! Conditions determining production of meat and processed meats in  
view of cultural heritage and expectations of contemporary consumers**

Date: 23 - 24 June, 2010

More info: <http://www.up.poznan.pl/meat2010>

Venue: Poznań, Poland

**NEW! Food Factory 2010" - Innovative food processing  
and sustainable food production**

Date: June 30<sup>th</sup> - July 2<sup>nd</sup>, 2010

More info: [www.food-factory.se](http://www.food-factory.se)

Venue: Göteborg , Sweden

**NEW! International Conference on Food Oral Processing - Physics,  
Physiology and Psychology of Eating**

Date: 5-7 July, 2010

More info: [www.food.leeds.ac.uk/fop](http://www.food.leeds.ac.uk/fop)

Venue: University of Leeds, UK

**NEW! 23rd IIR International Congress of Refrigeration**

Date: August 21-26, 2011

More info: [www.icr2011.org](http://www.icr2011.org)

Venue: Prague, Czech Republic

**IUFOST 2010 CONGRESS: Food Science Solutions in an Evolving World**

Date: 22 - 26 August 2010 **Call for Abstracts: Submissions now open.**

More info: <http://www.iufost2010.org.za/>

Venue: Cape Town, South Africa.

**NEW! 3rd EuCheMS Chemical Congress**

Date: August 29 - September 2, 2010

More info: <http://www.euchems.org/>

Venue: Nurnberg, Germany

**NEW! 4th European Conference on Sensory and Consumer Research**

Date: September 5-8, 2010

More info: <http://www.eurosense.elsevier.com>

Venue: Vitoria-Gasteiz, Spain

**NEW! 11th ISOPOW In conjunction with ISOPOW PRACTICUM IV**

Date: 5 – 9 September 2010 and 9 – 10 September 2010

More info: [http://www.u-](http://www.u-bourgogne.fr/ISOPOW/ISP%20XI%20DATE%20AND%20VENUE.pdf)

[bourgogne.fr/ISOPOW/ISP%20XI%20DATE%20AND%20VENUE.pdf](http://www.u-bourgogne.fr/ISOPOW/ISP%20XI%20DATE%20AND%20VENUE.pdf)

Venue: Querétaro, México

**NEW! 10th International Conference on the Applications of Magnetic  
Resonance in Food Science (MRinFOOD)**

Date: Sept 13 - 15th, 2010

More info: <https://colloque.inra.fr/mrinfood>

Venue: Clermont Ferrand, France

**NEW! 17th International Symposium on Drying (IDS 2010)**

Date: October 3-6, 2010

More info: <http://events.dechema.de/ids2010>

Venue: Magdeburg, Germany

**NEW! Health ingredients Europe 2010**

Date: November, 16-18, 2010

More info : <http://hieurope.ingredientsnetwork.com/1>

Venue : Madrid, Spain

**NEW! ICEF 11**

Date: May 22-26, 2011

More info : [www.icef11.org](http://www.icef11.org)

Venue : Athens, Greece

**Food info: You can find hot news on recent food-related topics at: [www.food-info.net](http://www.food-info.net)**

## MISCELLANEOUS



### Obituary



**Prof. Dr. Volker PUDEL**

**1. March 1944 - † 7. October 2009**

The German expert of nutrition **Prof. Dr. Volker PUDEL** has passed away.

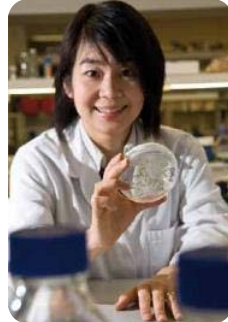
Prof. Dr. V. Pudel, a renowned expert on nutrition well-known far beyond Germany's borders, died after a long and serious illness at the age of 65 years. He was head of nutritional psychology research of the University Medical Center Göttingen and investigated issues of nutritional behaviour and psychological relations between eating and appetite, overweight and adipositas. His death is a great loss not only for Germany, but for the scientific field of nutritional psychology in general.

**We will honour his memory.**

**SUMMER STUDENTSHIP PROGRAMME**  
John Innes Centre & Sainsbury Lab, Norwich, UK

Gain research experience in plant and microbial sciences  
5th July - 30th August 2010

- Open to students from any scientific discipline
- Free accommodation plus a weekly stipend



John Innes Centre and Sainsbury Laboratory are situated in parkland 3 miles to the west of the City of Norwich  
More info: [www.jic.ac.uk/summerprogramme](http://www.jic.ac.uk/summerprogramme)



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