Final report and analysis of project dissemination activities

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ABSTRACT:

The present document summarizes the dissemination activities undertaken by the ACGT project consortium during the four years of its implementation. Dissemination has been made through several means, from electronic distribution of newsletters and articles to publications and presentations at international relevant meetings with a strong coordination between the partners. This coordination has allowed the consortium to achieve more than just advertising or disseminating, but also enhanced the visibility of the ACGT platform and tools worldwide, thus demonstrating strongly that ACGT clinical trials pave the way to future applications in the healthcare domain.

KEYWORD LIST: Dissemination, Website, Newsletter, Audiences and Messages.

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0. EXECUTIVE SUMMARY

The ACGT project has been developing an infrastructure for clinical trials on cancer over a period of over 4 years. The components of the IT platform developed required heavy work which in turn allowed the integration of all softwares and services for a platform dedicating to clinicians having to run workflows for clinical trials on cancer.

HealthGrid, as dissemination work package leader, coordinated the dissemination and outreach activities while all partners in the project were involved in dissemination activities. The good collaboration between all partners ensured an easy dissemination of the project's results and outcome. This collaboration resulted in developing partnerships with communities and organisations representing communities.

The present document describes in details the number of conferences where ACGT results have been disseminated, the number of publications that were made and the materials created to support the partners's dissemination efforts such as website, wikis, posters, leaflets, promotional material and exhibitions.

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1. Introduction

1.1. *Description of the dissemination Work Package (WP 15)*

Dissemination and Outreach are key areas for the ACGT project (Advancing on Clinico-Genomic Trials on cancer). The attractiveness of the project has been strengthened by dissemination, demonstrating the ACGT developments to the community of potential users.

The Worpackage 15 «Dissemination », comprised of all the ACGT project partners, is led by HealthGrid. According to the Description of Work document, the objectives of WP15 are:

- **to disseminate the results** of the project widely in Europe and elsewhere in the world in order to attract new users and communities,
- **to keep the users informed** about the project advancement and achievement, through the organisation of dissemination events and the production of the project's Newsletter,
- **to provide tools** for developing and maintaining a strong community around the project.

1.2. Background information

The WP15 has presented a general strategy on former deliverables onto the actions to be undertaken to generate proper dissemination to the concerned communities. The strategy described has since then been reshaped and adapted to the evolutions of the project, the changes into the communities approaches, the evolution of the methods needed for better dissemination of information related to the ACGT project. Four documents and one prototype have been delivered to the European commission during the project duration:

- The Initial Dissemination Plan document established the actions that will be undertaken by the WP15 for the duration of the project. It defined the strategy to disseminate the key messages to the targeted audience, establish the methods of communications and the responsibilities of each Partner;

- The revised Dissemination Plan presented the foreseen activities that have been revised during the last year as to better target the communities on our communication and dissemination effort ;

- The first dissemination report documented the dissemination activities done during the corresponding period;

- The D15.4 described the organization of scientific events and participation in conferences explaining why the ACGT project chose to participate in some well known events instead of organizing its own conference.

- The current document is the final report on dissemination, intending to give a summary of all dissemination activities performed during 54 months.

	Deliverable title	Nature	Dissemination Date	Delivery date
D15.1	Project website (internal and external)	P	PU	T0+3
D15.2	Initial Dissemination plan	R	CO	T0+9
D15.3	First Dissemination Report	R	PU	T0+15
D15.5	Revised Dissemination Plan	R	CO	T0+20
D15.4	Report on organisation of scientific events and participation in conferences	R	PU	T0+36
D15.6	Final report and analysis of project dissemination activities	R	PU	T0+54

Table 1: WP15 deliverables

2. Dissemination strategy description

2.1. Objectives of the communication and dissemination

Dissemination is an important aspect of ACGT, since its ultimate aim was to become a Pan European platform for research on cancer. One of the main goals of the WP15 is to organize and present information to users in a form that increases their awareness and understanding of the ACGT project. During the 54 months project duration, the WP15 in collaboration with the other workpackages has conveyed communication messages through the various mechanisms available to spread information:

- Web-based dissemination
- Print dissemination
- Event organization

The dissemination activities include:

- The project's web site (internal and external)
- Newsletters
- Project's conferences
- Production and Distribution of the project's dissemination material
- Publication of the project's achievements within the scientific community (papers in international scientific journals and in Professional and industrial magazines) and participation in conferences. .
- Contacts, promotion and publications in different public media such as specialized magazines, radio and TV programs and even forums, discussion groups and web sites.
- Participation in related exhibitions, symposia and workshops in order to promote and present the achievements of the project

2.2. Defining the strategy: methodology

2.2.1. WP15 responsibilities

The main responsibilities of the WP15 are to provide tools and materials for the dissemination activities. The information contained in the various dissemination tools is discussed with the Editorial Board and their tasks are assigned to the different partners when specific content is necessary. The WP15 is comprised of a WP leader (HealthGrid), all partners in the project and provide support to all work packages in reaching their audiences in showing the results of their works to communities and stakeholders.The WP15 partners work closely, exchange their data and contribute to the management of the project to get to its success. To allow an effective dissemination each workpackage needs to provide detailed information regarding their own work and all the necessary resources to enable the other workpackages to meet the ACGT work requirements and deadlines. The WP15 is responsible for transformation of data into information and information into knowledge, using several tools like websites, mailing lists, newsletters, ACGT conferences, events, publicity material, media relations or even documentation, finding out the best resources for obtaining the best way to disseminate the project objectives. All content produced should be validated by the Editorial Board to ensure the validity of the content.

The strategy of the dissemination activities has evolved as the project starts-matures-and completed. The effective dissemination strategy and plan includes :

- Identification of the messages that need to be conveyed ;
- Identification of the target audiences to which the messages needs to be conveyed and ;
- Deliver the messages through appropriate and effective channels, taking into consideration the resources allocated to such an activity.

2.2.2. The editorial board

The editorial board has been established following a Management Board decision. Its role is to assist the WP 15 Leader and the ACGT Management in the production of relevant material for the publicity of the project, to address several communities, from general public to scientists and medical professional organizations.The Editorial Board is to revise the documents and advise on the strategyfor dissemination.

Name	Organisation
Norbert Graf	University of Saarland
Christine Desmedt	Jules Bordet Institute
Francesca Buffa	Oxford University
Dimitris Kafetzopoulos	FORTH
Georgios Stamatakos	ICCS/NTUA
Andreas Persidis	Biovista
Regina Kollek	UoH
Alberto D'Onofrio	IEO

Table 2: Members of the editorial board

ACGT is an IP project which is comprised of 16 work packages. Each of the work packages is also represented in the WP15 on dissemination and outreach which provide key information for the coordination of dissemination efforts through adapted and technically relevant message. Essential to the project's outcome and exploitation was the strong coordination between all actors of the project within the WP15. The figure below shows the mechanisms that were used to reach the target audiences.

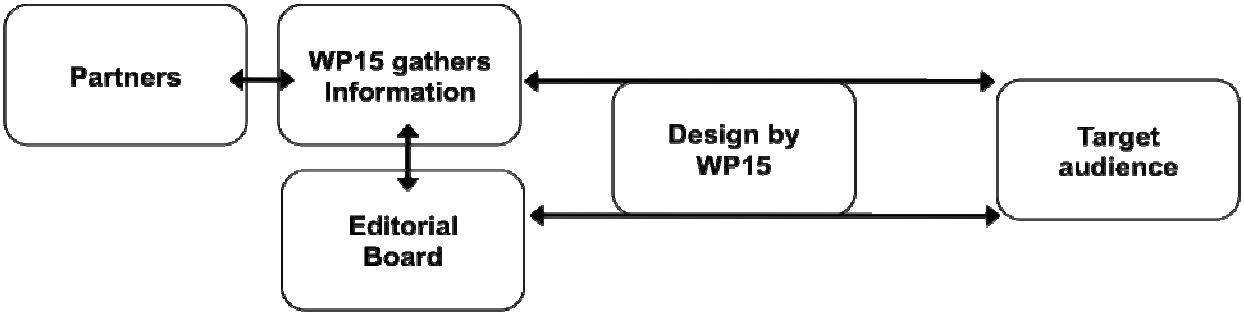


Figure 1 : Communication process in ACGT

2.3. Target groups and audiences

WP15 has identified and targeted several groups that have been classified in seven categories. These user's communities, general public and relevant stakeholders have been reached as to develop future adoption of the ACGT platform and tools while allowing discussions as to the user's needs, the legal and ethical issues pertaining to the use of medical data but also led to partnerships that consequently impacted the world of clinical trials for cancer.

During the 54 months of the project lifecycle, the target groups and audience has been identified and classified in the following categories:

1. Medical professionals and researchers involved in translational research
2. Patients and patient organisations
3. Bioinformaticians and other IT system developers
4. Pharmaceutical Companies and other industry
5. Relevant national or international initiatives
6. Regulatory Bodies
7. General Public

The importance of these target audiences is not, obviously, the same. As a result the main messages are always to be adapted to the specific role and expectations of each of these target groups. Also, dissemination information has to be made available in several alternative ways, whenever possible.

2.4. Definition of the channels for communication

Communication can be split into two parts -- the message or content, and the channel it's transmitted on. By chosing more than one communication channel helps reinforcing the information. Beyond using mass and small media, interpersonal and participatory community based media are indispensable channels to lead communication efforts aiming at improving and sustaining knowledge about the ACGT Platform.

Key elements in choosing the channels of communication are:

- Know your target audience
- Know your message
- Know your country's media

.

The main pillars of the ACGT are:

- The vision and benefits of re-usable software services
- The ACGT Integration architecture and the conformance guidelines

Apart from general material available through the website, the main dissemination channel towards this audience is the scientific conferences, and workshops of the project. Dissemination to users will strongly rely on technical and exploitation work packages.
A good relation between HealthGrid and the previously mentioned work packages is of the utmost importance

2.5. Link between the exploitation and the dissemination activities

All partners involved in the WP15 also have responsibilities to assist the project in developing exploitation activities for a future use of the ACGT tools and services. There is therefore an evident link between the exploitation and dissemination work package which has been functional during the entire project duration, once the tools and services were defined but also supporting the definition of the tools according to user's needs and potential exploitation fields.

The exploitation work package therefore used the dissemination material as well as dissemination infrastructure created during the project (e.g the newsletter mailing lists etc) to support the vision on how the project shall exploit its results in a manner that will lead to innovative partnerships, funding and functional projects.

Dissemination materials have been provided to external parties that have been contacted for possible exploitation and use of project results, such as for example the Thalassaemia International Federation in Cyprus. The ACGT video will also be an important tool for providing a short and easy to understand introduction to exploitable project results and opportunities for new collaborations between consortium members and interested third parties.

Finally an area of tight collaboration has been the Newsletter itself. The two WPs worked together to plan the content of the various issues of the newsletter the aim being to keep the community up to date with all project developments, introduce major results as well as show the 'human face' of the project by presenting member profiles from an indicative selection of consortium partners.

Several presentations, articles have therefore been made by the WP16 that have been integrated in the dissemination plan, using the internet websites, wikis but also more classical presentations and publications, including various newspapers articles.

3. Evolution of dissemination activities during the project

3.1. Dissemination Materials

3.1.1. Style and Branding

In the framework of European projects, visual identity is of essence, to make easily recognizable and identifiable all the disseminated documents and the applied communication products. As the main Cancer Project in Europe, it has been imperative to build a strong corporate image, brand and style. The style and branding includes:

1. The ACGT logo designed by FORTH
2. Word document template
3. A slide Template

1 **2** **3**

Figure 2 : Branding and style for ACGT

3.1.2. Web site

3.1.2.1. External website (public)

The website **http://www.eu-acgt.org/** has been designed and written to appeal to a wide-range of audiences, both technical and non-technical. The website aims to describe in simple terms what the ACGT project is, what it is trying to achieve, who is involved, the different areas in which the project will focus, the main contacts and how to get involved in the project. The site also reflects the progress of ACGT while serving as a source of information, displaying latest news, events and trainings as well as providing a repository for news releases and information materials for media.

The main goal of the external website is to raise awareness among the wider public of the project and encourage participation from relevant sources. Other goals include providing a service to the media (information, contacts, press release and cutting, material...) and being an information resource for those working within the project.

Figure 3: Screenshot http://www.eu-acgt.org/ (Home page)

The AWStats logfile Analyzer has been configured to get the website statistics, since July 2007 until July 2010.

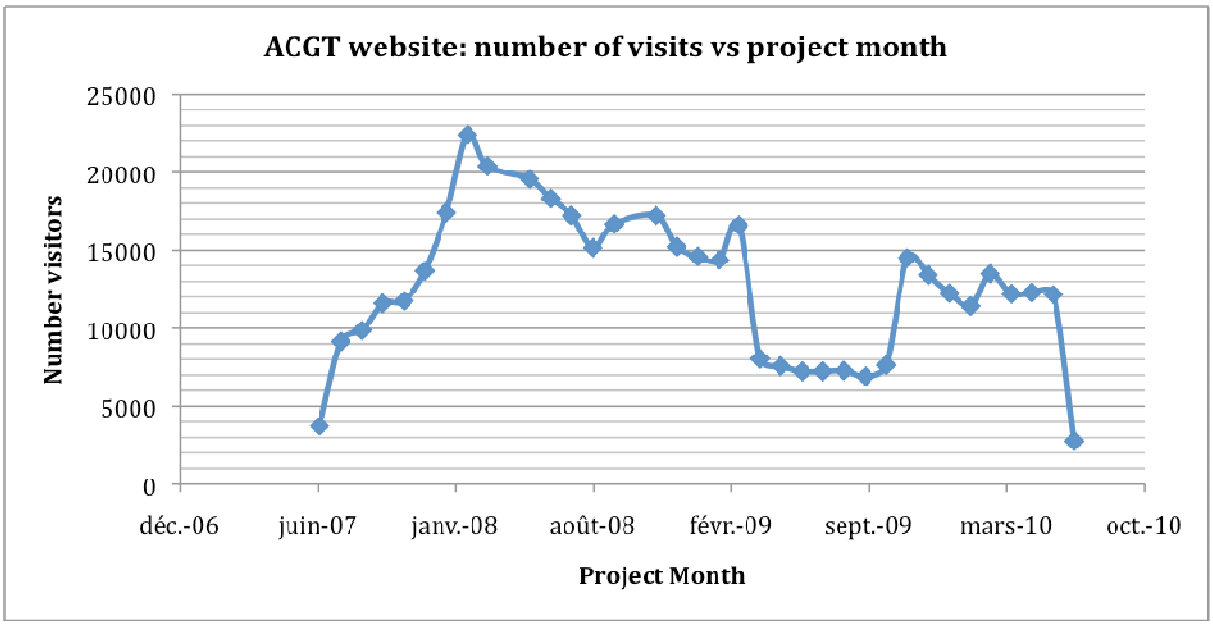


Figure 4: ACGT website: number of visits vs project month

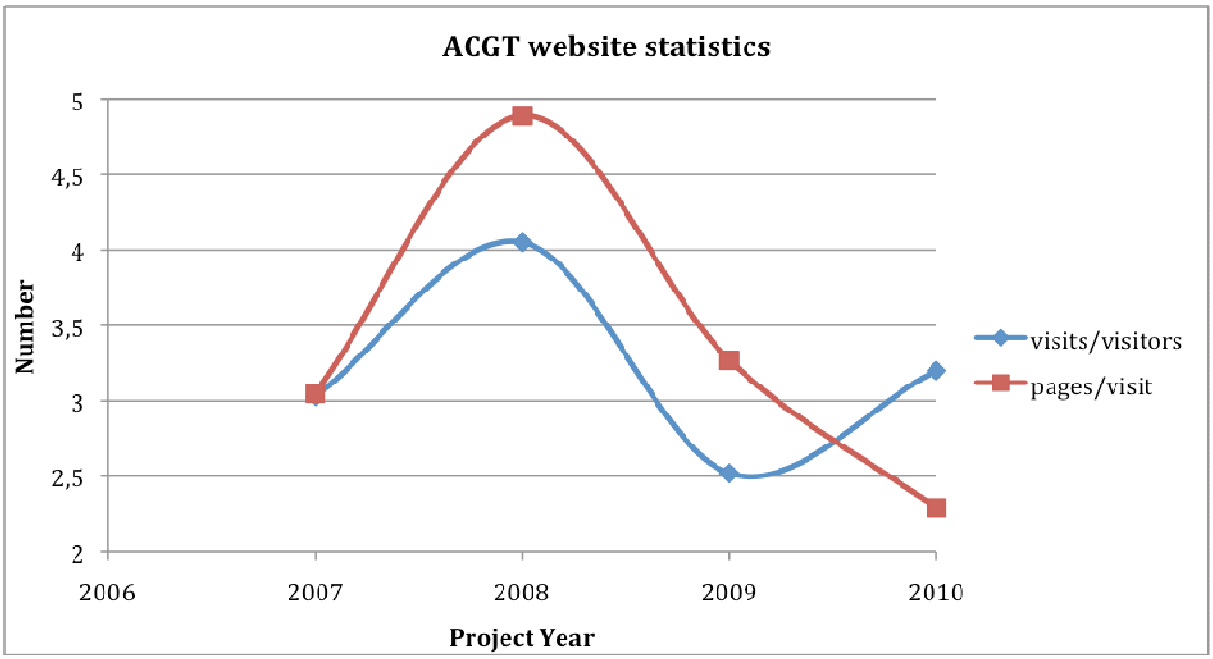


Figure 5 : ACGT website statistics (visits per visitors & pages per visit)

3.1.2.1. Internal website (public)

The public website runs alongside and is complemented by the "internal website: **https://bscw.ercim.eu/bscw/bscw.cgi/692503**. The BSCW is a powerful public cooperation platform on the Internet allowing the sharing of documents safely across the Web, the organization of team's work and an efficient cooperation. The ACGT BSCW server belongs to and is maintained by ERCIM. It is the main document repository of the project. All documents, which need to be shared across the partners or a subset of them, are uploaded on the BSCW Server.

68 persons are registered in the BSCW.

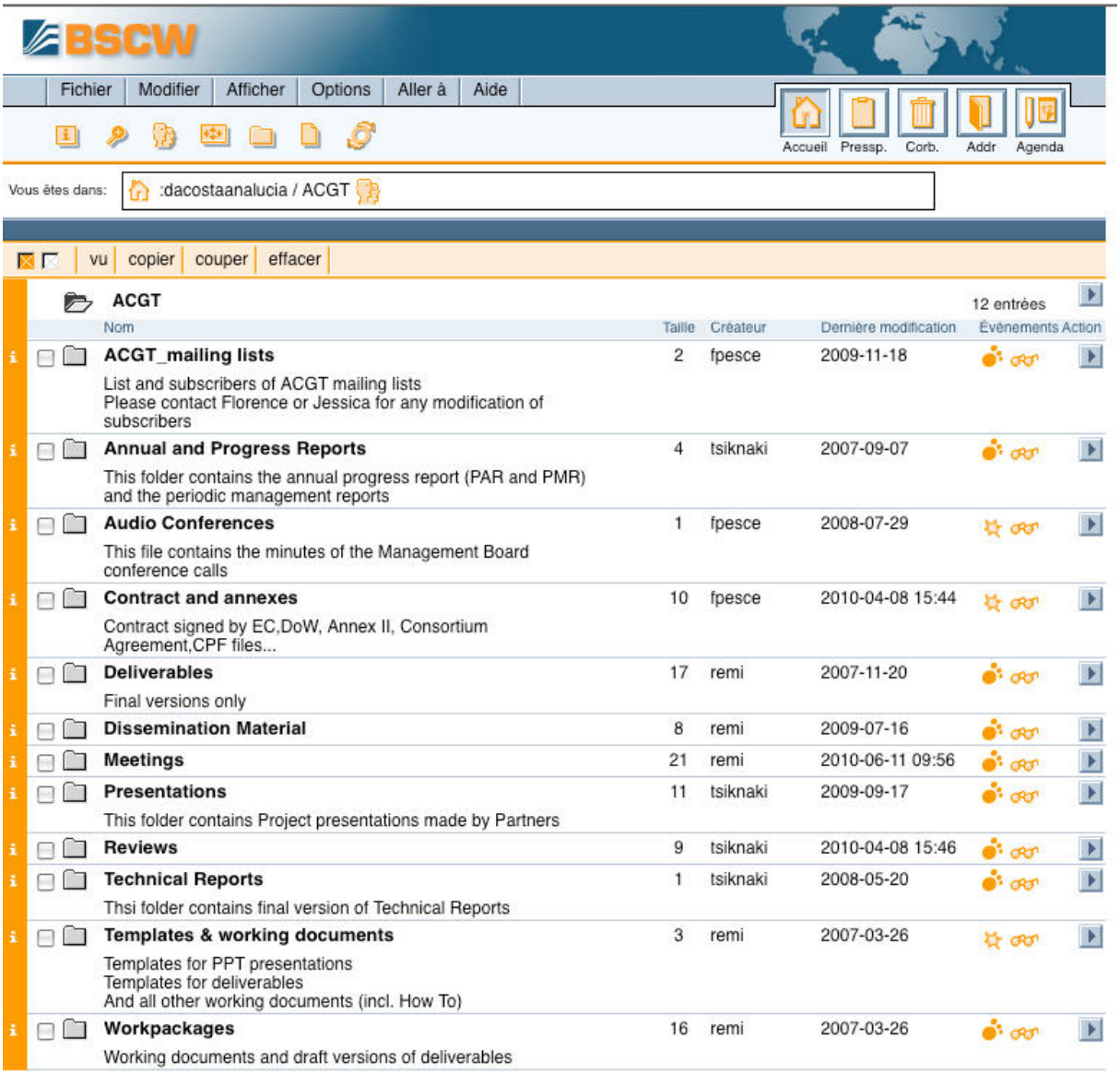


Figure 6: Screenshot BSCW server

3.1.3. Newsletters

Seven newletters have been published during the project duration. The Newsletter highlights the technological achievements, the project life and gives the opportunity to scientists from outside the consortium to present his research results. The targetted audience is the scientific and professional communities. Printable and on-line versions are available with 10 sections:

- Clinical Trials,
- Grid news,
- Products and Services,
- Feature Article,
- Community view,
- Legal and Ethical issues,

- Events,
- Life in ACGT,
- ACGT people.
- and of course, the Editorial at the beginning of each edition.

WP15 tried to have all the partners and their respective work represented at least once in the 7 released Newsletters.

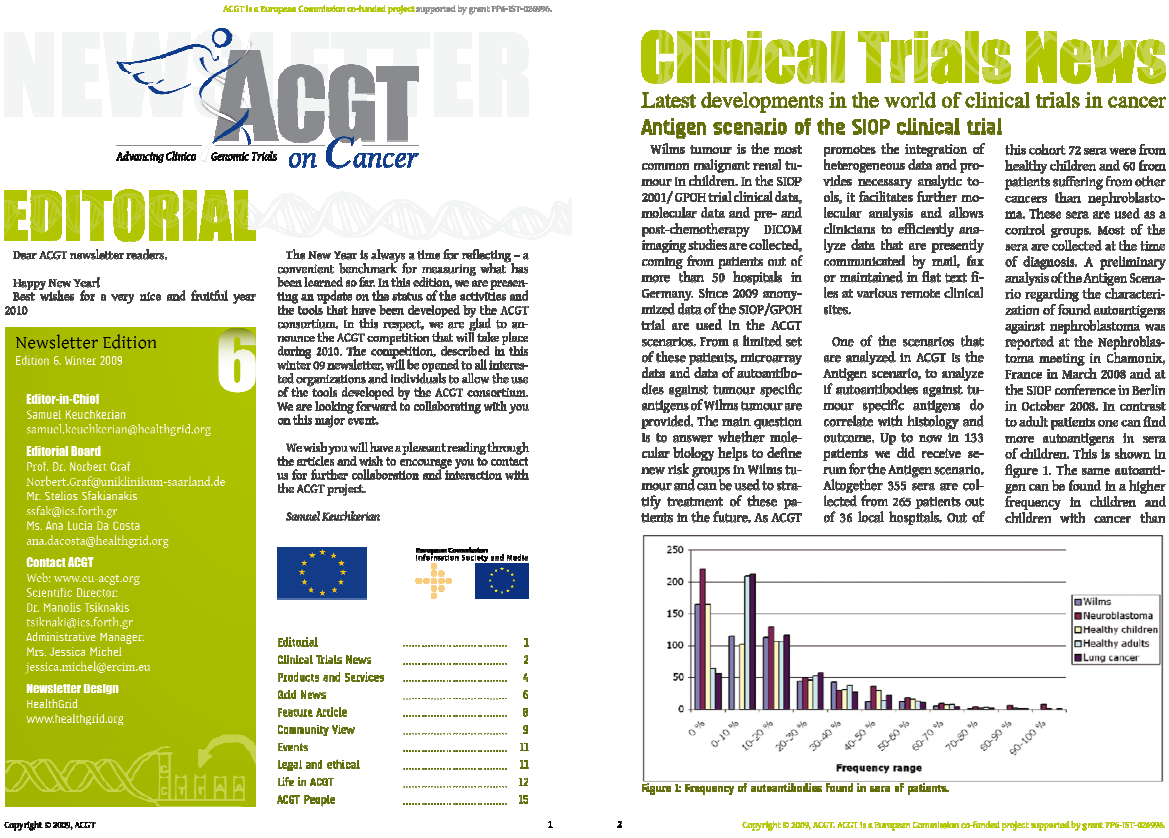


Figure 7: Screenshot of the Newsletter Winter 2009 (page 1 and page 2)

In 2010, an open source email campaign manager PHPLIST (https://nl.healthgrid.org) has been installed and configured in order to manage in a smart way the subscribers to the Newsletter. In 2010, 336 e-mail contacts were registered in PHPlist, taking into account that some e-mail contact are in fact mailing lists gathering tens to hundreds of people. The rate of e-mail opening is 20.97% d'ouverture du mail for the Newsletter Winter 2009.

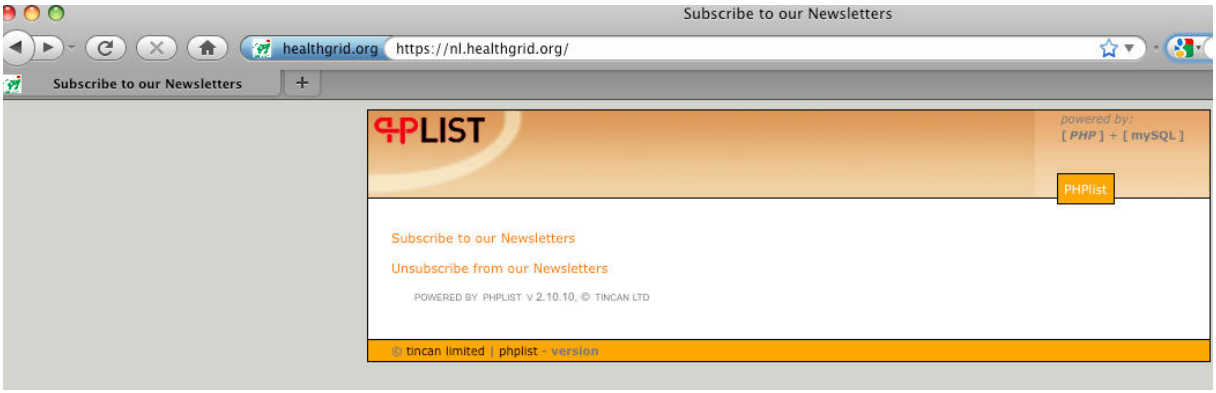


Figure 8: Screenshot of the PHPList interface (https://nl.healthgrid.org/)

The newsletter has been published on other supports such as the the newsletter of the eHealth web site on Europa, hosted by the Information Society Newsroom - a 'one stop shop' on European Information Society news spanning all Directorates- General of the European Commission. This publication has permitted to reach reaching far beyond the consortium's targets communities.


New in the Library

PROMOTIONAL MATERIAL

ACGT project summer newsletter

5 August 2009

ACGT newsletter summer issue presents the new developments of the project, providing information to the medical, bio-informatics and patients communities. ACGT is a European Union co-funded project aiming at developing open-source, semantic and grid-based technologies in support of post genomic clinical trials in cancer research. It addresses clinicians, bio-researchers as well as software developers' needs, providing an open platform where novell and powerful services can be offered and used by practitioners in the field.

See also: eHealth Research FP6 projects

Subscription Information

eHealth

This is the newsletter of the eHealth web site on Europa. It is hosted by the Information Society Newsroom - a 'one stop shop' on European Information Society news spanning all Directorates-General of the European Commission.
You may unsubscribe or broaden your subscription from this newsletter by going to Your Profile.

Your Profile | eHealth on Europa | Information Society Portal

Figure 9: Screenshot of the ICT for Health Newsletter released on 08 September 2009

	Clinical Trials News	Products and Services	Grid News	Feature Article	Community View	Events	"Legal and Ethical/ Data Protection	Life in ACGT	ACGT people
Final[1]	The elaboration of guidelines and recommendations for integrating clinical data sources into the ACGT platform	From Prototype to Production – Changes to the ObTiMA development to make it ready for clinical scenarios	Proper launch of the EGI—A challenge for the European Grid Community **Ludek Matyska, Masaryk University, Czech Republic**	ACGT links to the new EU funded projects: ENCCA and CONTRACT	Enhancing Access to Cancer Clinical Trials Margo Michaels, ENACCT	1) VPH2010 2) Medinfo 2010	ACGT: Risky Business?	Project coordinator's Farewell	Yannick Legré Andreas Persidis
Winter 2009	Antigen scenario of the SIOP clinical trial	Literature Based Discovery	Toth - Distributed Logging for ACGT environment	The data-sharing platform of the NeoBIG research program	Valencian Cyberinfras-tructure for Oncological Medical Imaging **Ignacio Blanquer Universidad Politécnica de Valenciak Spain**	ACGT competition Advances in NeuroBlastoma Research	Analysis of the Grid in-frastructure and its im-plications on intellectual property issues	Workshop at Hokkaido University, Japan	Aran Lunzer Jessica Michel
Summer 2009	Gene signatures identifies breast cancer patients who will respond to chemotherapy	Secure integration of third party services into ACGT platform	Cancer Knowledge Cloud for a new generation of medicine	Clinical need for exploitation of ACGT	HOPE (HOspital Platform for E-health) **Lydia Maigne, CNRS-IN2P3, France**	1) CABIG Annual Meeting 2) MICCAI	Model slightly modifying the donorship-para-digme	ACGT annual review	Remi Ronchaud Nikolaus Forgó
Spring 2009	Clinical trials facilitation group dratf work plan for 2008-2009 Voluntary Harmonization procedure	Obtima	Intensity-modulated radiation therapy (IMRT)	The integrated ACGT environment	Action against cancer	1) Recovery International Breast Cancer Support Conference, Australia 2) IMPAKT - Breast Cancer Conference, Brussels 3) HG 2009	Center for Data Protection	1) ACGT Consortium Meeting Vienna, Austria 2) Project extension 3) Welcome to EORTC	Francesca Buffa Thierry Sengstag,

[1] Additionnal article for the Project Closing: “The TOP trial for the final ACGT Demonstration” by Christine Desmedt, IJB

	Clinical Trials News	Products and Services	Grid News	Feature Article	Community View	Events	"Legal and Ethical/ Data Protection	Life in ACGT	ACGT people
Autumn 2008	Ontologies	Oncosimulator	ACGT Data Protection Framework/ Custodix Anonymisation Tool	Software development/ Usability and End-user	Euro-Japan ICT cooperation	1) ICT 2008, Lyon 2) Medica 2008, Düsseldorf	Intellectual Property Rights	1) Technical workshops in Lausane 2) UICC'08session 3) GenOuest bioinformatics platform sixth workshop	Georgios Stamatakos Anca Bucur
Spring 2008	1) European register of clinical trials in children 2) The DEC-net European register of paediatric drug	GridR	Gridge Resource Management System for ACGT	Molecular Medicine	European Organization for Research and Treatment of Cancer will join ACGT	1) UICC World Cancer Congress, Geneva 2) 40th Annual SIOP Meeting, Berlin	Individual donor feed back on clinico genomics	1) ISCG 2008 2) ACGT Technical meeting, Milan 3) EBCC-6, Berlin	Christine Desmedt, Stefan Rüping
Winter 2007	1) The TOP trial for breast cancer 2) SIOP 2001/GPOH trial for nephroblastoma	Ontologies	ACGT Grid infrastructure	ACGT project	Interview **Professor J Gordon McVie MD, FRCP, FRCS Ed, FMedSci, DSc(Hon)**	e-Science 2007, Portugal	Issues of genetic data	14th European Cancer Conference, Barcelona	Manolis Tsiknakis, Greece Norbert Graf

Table 3: Synthetic view of the Newsletters content

3.1.4. Wikipedia article

The WP15 leader undertook to insert a description of the ACGT project on Wikipedia as a mean for larger distribution of information. This is available on the largest encyclopedia: Wikipedia. The article is comprised of 4 sections:

- ACGT project objectives
- ACGT project achievements
- ACGT project consortium
- References

http://en.wikipedia.org/wiki/ACGT_%28Advancing_Clinico_Genomic_Trials_on_Cancer%29

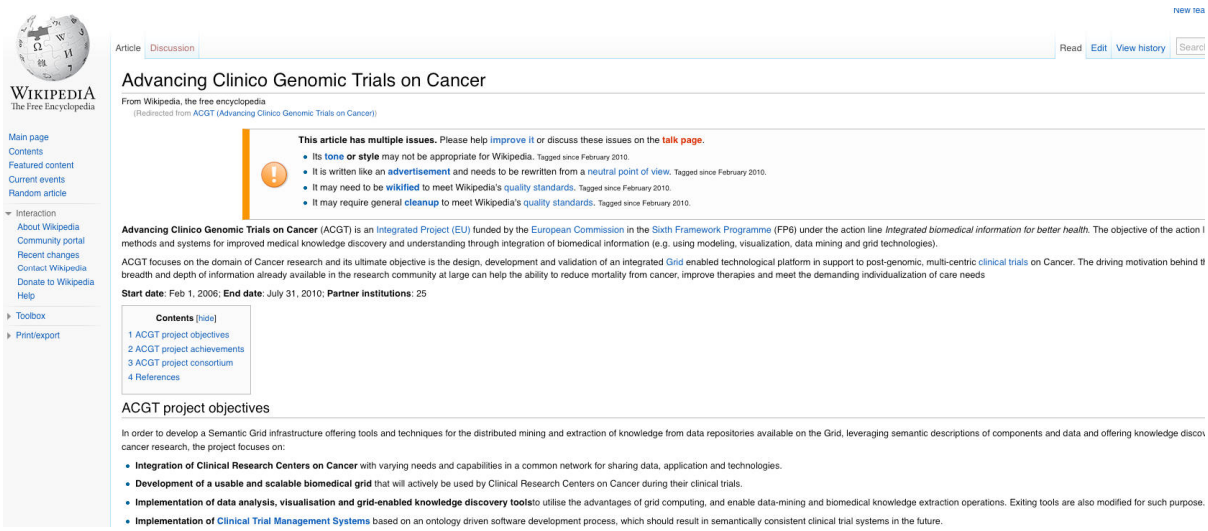


Figure 10: Screenshot ACGT Wikipedia article

3.1.5. Web banners

The ACGT Competition has been set up to encourage the development of Grid enabled services that can be used for the support of multi-centric clinical trials and research. The ACGT Competition is open to all parties that are interested in developing ACGT-compatible services. The competition took place between March and June 2010. A web banner was created to advertise the competition.

Figure 11: ACGT competition web banner

3.1.6. Dissemination material for distribution

3.1.6.1. Leaflet

The leaflet is a promotional tool used by ACGT to make the project known or to publicize an action or event. Among the options for presentation tools, the leaflet is the simplest and most accessible. Indeed, the leaflet, extremely visual, is useful for raising awareness about ACGT among different audiences. A first generic leaftlet has been released in 2006 describing the project, its objectives and expected results. Then in 2008, once the visual identity was well established, the leaflet has been designed and widely distributed. In 2010, following the changes within the management of the project, the leaflet has been updated accordingly (see Figure 12). The decision to produce a leaflet was always made as a team to ensure that the entire project team pools its knowledge to ensure maximum use of the talents and expertise of each individual.

Figure 12: ACGT generic leaflet

The Oncosimulator is one of the main achievements of the ACGT project, it is a "top-down" multiscale tumour biology simulation system aiming at supporting clinico-genomic trial design and interpretation as well as treatment optimization in the patient individualized context. A specifiuc leaflets have been created to advertise the Oncosimulator technology, and then updated in 2010 according to the project developments and the management changes (see Figure 13)

Figure 13: Oncosimulator leaflet

Finally, a leaflet was released (see Figure 14) for the event organized by the partner Hokkaido University in September 2009 ACGT: a two-day workshop that brought ACGT's technical, medical and legal representatives together with planners from the Japan Science and Technology Agency (JST), and the leaders of academic and industrial research teams.

Figure 14: Hokkaido event leaflet

3.1.6.2. Bookmarks

Marketing specialists would agree to say that the bookmark is a cost-effective product to advertise a project; indeed this product permits dissemination every time someone picks up their favorite book. The full color-printing bookmark designed for ACGT is presented in the Figure 15.

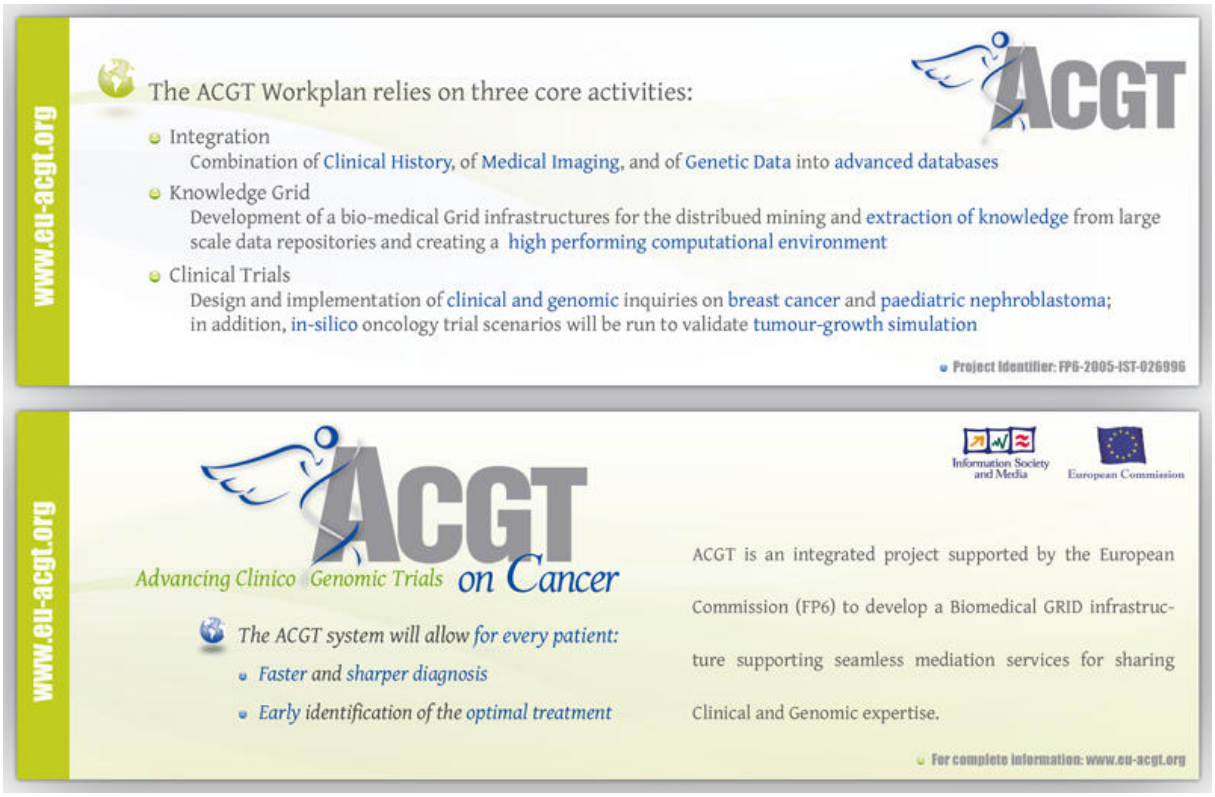


Figure 15: ACGT bookmark

3.2. Participation in conferences workshops and events

Attending conferences, workshops or other events is considered the best ways to communicate directly about the project. Such events are also the best manner to spread publicity materials and to talk about the other dissemination tools. Since the project starts in 2006, the project partners have shown a wide participation to international events related to the project purposes and beyond. The table presented in Annex 1 the different events since 2006 where ACGT was represented as well as the event size (when the information is known), the partner who participed and finally the dissemination action which occurred.

cf. ANNEXE 1

3.3. Posters

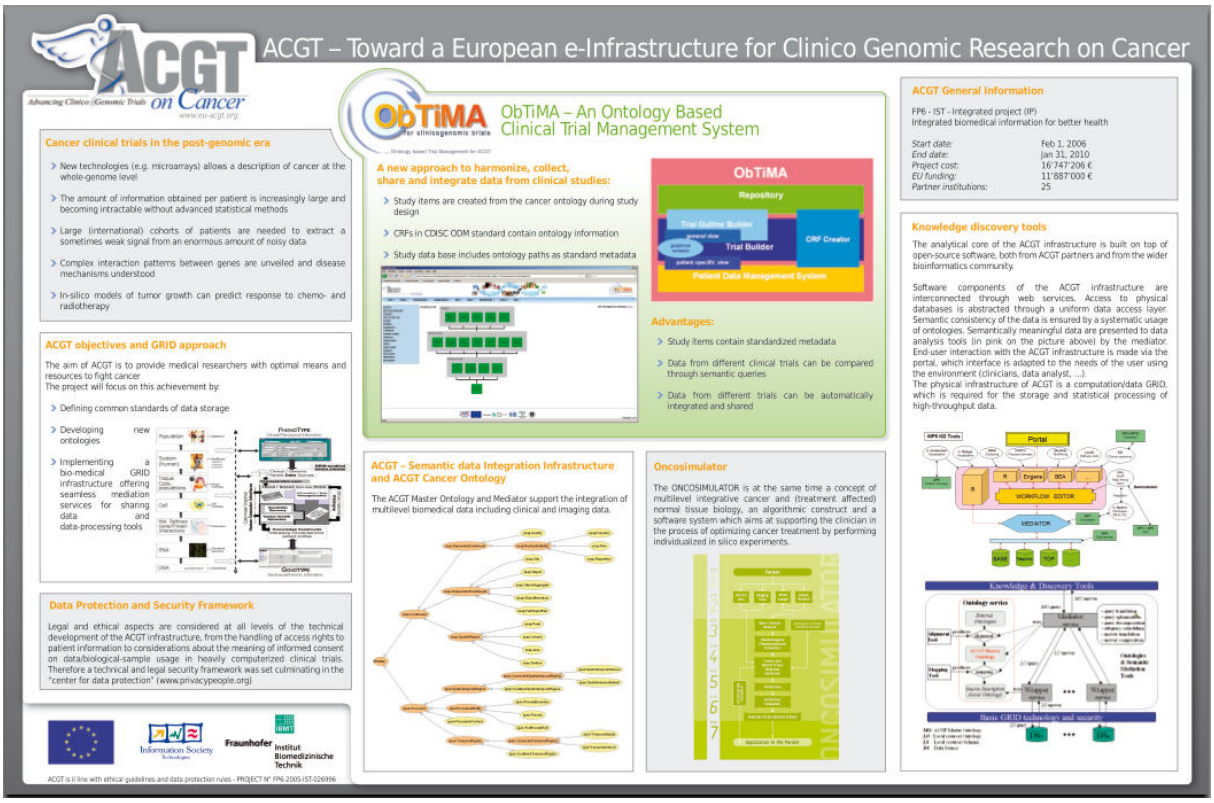
Poster presentations attract an audience of similar interest; permit interaction and clarification of presented topic in a more relaxed atmosphere in comparison to formal presentations. The ACGT partners have been presenting well-designed poster, supported by WP15 for the design.

3.3.1. List of posters presented

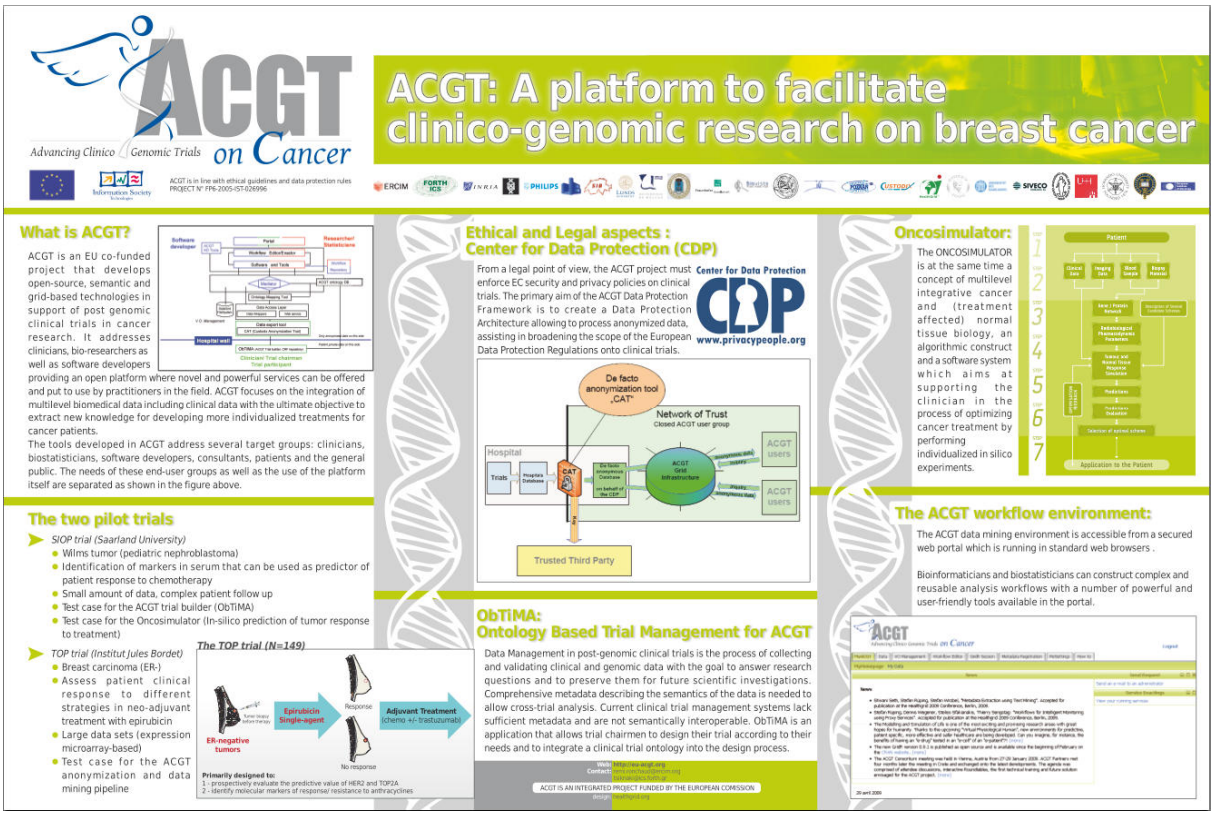
Poster title	Partners	Event	Date	Venue
The importance of an ontology based clinical data management system (OCDMS) for clinico-genomic trials in ACGT	Graf N, Weiler G, Brochhausen M, Scherer F, Hoppe A, Tsiknakis M, Kiefer S	ECCO Conference	2007	Barcelona Spain
Poster describing ACGT technologies	SIB	Statistics for Biomolecular Data Integration and Modeling - Workshop	June 10-15 2007	Ascona (CH)
Implementation of an Ontology-Based Clinical Information System: A case study	Brochhausen M, Dörr M, Smith B, Weiler, G, Graf N, Tsiknakis M	9 International HL7 Interoperability Conference	oct-08	Crete
Obtima Poster [1]		40th World forum for medicine	Nov 2008	Dusseldorf, Germany
Generic poster	All	EBCC-6	15-19 April 2008	Berlin Germany
Generic poster	All	UICC	26-31 August 2008	Geneva (CH)
Predicting the efficacy of anthracyclines in breast cancer (BC) patients: Results of the neoadjuvant TOP trial	C. Desmedt, E. Azambuja, D. Larsimont, G. Rouas, A. Di Leo, S. Delaloge, C. Duhem, V. D'Hondt, M. Piccart, C. Sotiriouon behalf of the investigators of the TOP trial	Annual meeting of the American Society of Clinical Oncology (ASCO)	May 2009	Orlando
ACGT: A platform to facilitate clinico-genomic research on breast cancer [2]	Christine Desmedt, Norbert Graf, Nikolaus Forgo, Brecht Claerhout, Anca Bucur, Georgios Stamatakos, Juliusz Pukacki, Thierry Sengstag, Stefan Rüping, Manolis Tsiknakis on behalf of the ACGT consortium	IMPAKT Breast Cancer Conference	May 2009	Brussels
Infrared (IR) imaging: A new tool to refine breast cancer prognosis	A. Bénard, C. Desmedt, V. Durbecq, G. Rouas, D. Larsimont, C. Sotiriou, E. Goormaghtigh	IMPAKT Breast Cancer Conference	May 2009	Brussels
Integrating the molecular subtypes of breast cancer into a novel prognostic model	B. Haibe-Kains, C. Desmedt, F. Rothé, M. Piccart, G. Bontempi, C. Sotiriou	IMPAKT Breast Cancer Conference	May 2009	Brussels
From Research Prototype to a Tool for Science: Multi-site, Multi-disciplinary Cooperation in Supporting Multi-scenario Exploration	A. Lunzer	3rd Intl Symp on Global COE Program of Center for Next-Generation Information Technlogy Based on Knowledge Discovery and Knowledge Federation	January 2010	Sapporo, Japan
Integrating Command Line Programs as Web Services in a Grid environment for Biomedical Tools	Maximiliano Garcia, Johan Karlsson and Oswaldo Trelles	ECCB 2010: 9th European Conference on Computational Biology	Septembe r 2010	Belgium
Web Services across an European Biomedical GRID Infrastructure	Maximiliano García, Johan Karlsson, Sergio Ramirez and Oswaldo Trelles	Jornadas Bioinformática	Nov 2009	Lisboa, Portugal

Table 4: List of posters

[1]


ACGT – Toward a European e-Infrastructure for Clinico Genomic Research on Cancer
Advancing Clinico Genomic Trials on Cancer
www.eu-acgt.org
ObTiMA – An Ontology Based Clinical Trial Management System
for clinicogenomic trials
Cancer clinical trials in the post-genomic era
New technologies (e.g. microarrays) allows a description of cancer at the whole-genome level
The amount of information obtained per patient is increasingly large and becoming intractable without advanced statistical methods
Large (international) cohorts of patients are needed to extract a sometimes weak signal from an enormous amount of noisy data
Complex interaction patterns between genes are unveiled and disease mechanisms understood
In-silico models of tumor growth can predict response to chemo- and radiotherapy
ACGT objectives and GRID approach
The aim of ACGT is to provide medical researchers with optimal means and resources to fight cancer
The project will focus on this achievement by:
Defining common standards of data storage
Developing new ontologies
Implementing a bio-medical GRID infrastructure offering seamless mediation services for sharing data and data-processing tools
Data Protection and Security Framework
Legal and ethical aspects are considered at all levels of the technical development of the ACGT infrastructure, from the handling of access rights to patient information to considerations about the meaning of informed consent on data/biological-sample usage in heavily computerized clinical trials. Therefore a technical and legal security framework was set culminating in the "center for data protection" (www.privacypeople.org)
A new approach to harmonize, collect, share and integrate data from clinical studies:
Study items are created from the cancer ontology during study design
CRFs in CDISC ODM standard contain ontology information
Study data base includes ontology paths as standard metadata
ObTiMA
Repository
Trial Outline Builder
Trial Builder
CRF Creator
Patient Data Management System
Advantages:
Study items contain standardized metadata
Data from different clinical trials can be compared through semantic queries
Data from different trials can be automatically integrated and shared
ACGT – Semantic data Integration Infrastructure and ACGT Cancer Ontology
The ACGT Master Ontology and Mediator support the integration of multilevel biomedical data including clinical and imaging data.
Oncosimulator
The ONCOSIMULATOR is at the same time a concept of multilevel integrative cancer and (treatment affected) normal tissue biology, an algorithmic construct and a software system which aims at supporting the clinician in the process of optimizing cancer treatment by performing individualized in silico experiments.
ONCOSIMULATOR
ACGT General Information
FP6 - IST - Integrated project (IP)
Integrated biomedical information for better health
Start date: Feb 1, 2006
End date: Jan 31, 2010
Project cost: 16'747'206 €
EU funding: 11'887'000 €
Partner institutions: 25
Knowledge discovery tools
The analytical core of the ACGT infrastructure is built on top of open-source software, both from ACGT partners and from the wider bioinformatics community.
Software components of the ACGT infrastructure are interconnected through web services. Access to physical databases is abstracted through a uniform data access layer. Semantic consistency of the data is ensured by a systematic usage of ontologies. Semantically meaningful data are presented to data analysis tools (in pink on the picture above) by the mediator. End-user interaction with the ACGT infrastructure is made via the portal, which interface is adapted to the needs of the user using the environment (clinicians, data analyst, ...).
The physical infrastructure of ACGT is a computation/data GRID, which is required for the storage and statistical processing of high-throughput data.
Portal
WORKFLOW EDITOR
MEDIATOR
Knowledge & Discovery Tools
Basic GRID technology and security
Information Society Technologies
Fraunhofer Institut Biomedizinische Technik
ACGT is in line with ethical guidelines and data protection rules - PROJECT N° FP6-2005-IST-026996

[2]


ACGT: A platform to facilitate clinico-genomic research on breast cancer
Advancing Clinico Genomic Trials on Cancer
ACGT is in line with ethical guidelines and data protection rules
PROJECT N° FP6-2005-IST-026996
What is ACGT?
ACGT is an EU co-funded project that develops open-source, semantic and grid-based technologies in support of post genomic clinical trials in cancer research. It addresses clinicians, bio-researchers as well as software developers providing an open platform where novel and powerful services can be offered and put to use by practitioners in the field. ACGT focuses on the integration of multilevel biomedical data including clinical data with the ultimate objective to extract new knowledge for developing more individualized treatments for cancer patients.
The tools developed in ACGT address several target groups: clinicians, biostatisticians, software developers, consultants, patients and the general public. The needs of these end-user groups as well as the use of the platform itself are separated as shown in the figure above.
Ethical and Legal aspects : Center for Data Protection (CDP)
From a legal point of view, the ACGT project must enforce EC security and privacy policies on clinical trials. The primary aim of the ACGT Data Protection Framework is to create a Data Protection Architecture allowing to process anonymized data, assisting in broadening the scope of the European Data Protection Regulations onto clinical trials.
Center for Data Protection
CDP
www.privacypeople.org
De facto anonymization tool "CAT"
Network of Trust
Closed ACGT user group
Hospital
Trials
CAT
ACGT Grid Infrastructure
ACGT users
ACGT users
Trusted Third Party
Oncosimulator:
The ONCOSIMULATOR is at the same time a concept of multilevel integrative cancer and (treatment affected) normal tissue biology, an algorithmic construct and a software system which aims at supporting the clinician in the process of optimizing cancer treatment by performing individualized in silico experiments.
Patient
Application to the Patient
The two pilot trials
SIOP trial (Saarland University)
Wilms tumor (pediatric nephroblastoma)
Identification of markers in serum that can be used as predictor of patient response to chemotherapy
Small amount of data, complex patient follow up
Test case for the ACGT trial builder (ObTiMA)
Test case for the Oncosimulator (In-silico prediction of tumor response to treatment)
TOP trial (Institut Jules Bordet)
Breast carcinoma (ER-)
Assess patient clinical response to different strategies in neo-adjuvant treatment with epirubicin
Large data sets (expression microarray-based)
Test case for the ACGT anonymization and data mining pipeline
The TOP trial (N=149)
ER-negative tumors
Epirubicin Single-agent
Response
No response
Adjuvant Treatment (chemo +/- trastuzumab)
Primarily designed to:
1 - prospectively evaluate the predictive value of HER2 and TOP2A
2 - identify molecular markers of response/ resistance to anthracyclines
ObTiMA:
Ontology Based Trial Management for ACGT
Data Management in post-genomic clinical trials is the process of collecting and validating clinical and genomic data with the goal to answer research questions and to preserve them for future scientific investigations. Comprehensive metadata describing the semantics of the data is needed to allow cross-trial analysis. Current clinical trial management systems lack sufficient metadata and are not semantically interoperable. ObTiMA is an application that allows trial chairmen to design their trial according to their needs and to integrate a clinical trial ontology into the design process.
ACGT IS AN INTEGRATED PROJECT FUNDED BY THE EUROPEAN COMISSION
The ACGT workflow environment:
The ACGT data mining environment is accessible from a secured web portal which is running in standard web browsers .
Bioinformaticians and biostatisticians can construct complex and reusable analysis workflows with a number of powerful and user-friendly tools available in the portal.

3.3.1. Template

A common template has been delivered by HealthGrid to allow partner to present their results during the final review in September 2010.

Figure 16: ACGT poster template

3.4. Publications in scientific journals

In the world of academic research, new results are reported in periodical scientific journals, which can be highly specialized or, as the oldest journals such as Nature, supposed to publish articles and scientific papers across a wide range of scientific fields. The different scientists involved in ACGT have published their results in scientific journals as presented in Annexe 2.

cf. ANNEXE 2

3.5. Conference papers published in proceedings

Beyond attendance to international conferences, a broader and more sustainable impact is permitted by publishing the work in proceedings containing the contributions made by all researchers at the conference. Proceedings are the collection of academic papers that are published in the context of an academic conference. They are usually distributed as printed books (or sometimes CDs) either before the conference opens or after the conference has closed. Worldwide, the ACGT partners have contributed to proceedings as mentioned in the Annexe 3

cf. ANNEXE 3

3.6. Demonstrations

A comprehensive demonstration program has been implemented in ACGT to show the developed services to various potential users (as consumers or providers of ACGT services). During this process, the partners worked on implementing their exploitation strategies for the ultimate goal, a Europe wide deployment and exploitation of the ACGT platform, based on the principles of open source and open access

Title	Partners	Event	Date	Venue
Demonstration of the functionalities of ObTiMA	USAAR, IBMT	Meeting USAAR, IBMT and GPOH	July 11th 2007	Homburg, Germany
Demonstration of the functionalities of ObTiMA	USAAR	Meeting USAAR and GPOH	3rd of September 2007	Mainz, Germany
Demonstration of ObTiMA	SIB, Custodix, USAAR, Oxford, members of the local hospital	Clinical trials and data exchange between ACGT and Hospital Information Systems	July 20th – 22nd 2008	Lausanne, Switzerland
Demonstration of ObTiMA on MEDICA		40th World forum for medicine	22.-24. November 2008	Dusseldorf, Germany
Demonstration of the GridR tool	FHG	Tutorial at the R user conference useR2008	August 2008	Dortmund, Germany
Ontology-based Clinical Trial Management System (ObTiMA) Software	Brochhausen M., Weiler G., Schera F., Rauch J., Graf N., Kiefer S.	International Conference on Biomedical Ontologies	24 July 2009	Buffalo NY USA

Visualization software developed for ACGT	Robert Bellman & UVA	Bachelor's science day (60 participants)	7 March 2009	Amsterdam
Demonstration of visualization software developed for ACGT	Robert Bellman & UVA	Human-Computer Interaction symposium (25 participants)	20 March 2009	Amsterdam
The Cave Automated Virtual Environment	Robert Bellman & UVA	SARA Computing and Networking Services (15 masters's students)	26 June 2009	Amsterdam
A semantic grid services platform in support of efficient knowlegde discovery from multilevel biomedical data	M. Tsiknakis, T. Sengstag, L. Koumakis	HealthGrid conference	29 June 2009	Berlin
Ontology-based Clinical Trial Management System (ObTiMA) Software	Brochhausen M., Weiler G., Schera F., Rauch J., Graf N., Kiefer S.	Workshop on European-Japanese Research Collaboration in Medical ICT	September 14th - 15th 2009	Hokkaido University, Japan
Ontology-based Clinical Trial Management System (ObTiMA) Software	Brochhausen M., Weiler G., Schera F., Rauch J., Graf N., Kiefer S.	Meeting with the External Advisory Board	November 2nd– 4th 2009	
Interactive Visualization of Complex Networks	R.G.Belleman, R.J. Strijkers	InTouch Meeting	06-août-09	Amsterdam, NL
Visualization Services in the ACGT project	R.G.Belleman	Master's course on visualization and virtual reality	12-oct-09	Amsterdam, NL
Interactive Visualization of Complex Networks	R.G.Belleman	DynaNets meeting	17-déc-09	Amsterdam, NL
Literature Mining for AE prediction	A Persidis, S. Defteraios	Care Capital	24-sept-09	Princeton, USA
Literature Mining for AE prediction	A Persidis, K. Alevizopoulos	DebioPharm	30-nov-09	Lausanne, CH
Ontology-based Clinical Trial Management System (ObTiMA) Software and ACGT	Stenzhorn H., Graf N.	ANR 2010; Advances in Neuroblastoma Research	21.-24. Juni 2010	Stockholm, Sweden
Oncosimulator validation with the OncoRecipeSheet	A Lunzer, G Stamatakos	Workshop on European-Japanese Research Collaboration in Medical ICT	14-15 September 2009	Sapporo, Japan
The Trial Outline Builder for the ObTiMA Trial Management System	M Kuwahara	Workshop on European-Japanese Research Collaboration in Medical ICT	14-15 September 2009	Sapporo, Japan

Table 5: List of demonstrations of ACGT services

3.7. Books

Book	Contribution	Authors	Editor/Publisher	Date	ISBN
Multiscale Cancer Modeling		T. S. Deisboeck and G. S. Stamatakos Eds	Chapman & Hall/CRC	To be published September 14th 2010	
Multiscale Cancer Modeling	In Silico Oncology Part I: Clinically Oriented Cancer Multilevel Modeling Based on Discrete Event Simulation	T. S. Deisboeck and G. S. Stamatakos Eds	Chapman & Hall/CRC	2010, in press	
Cancer Bioinformatics: from therapy design to treatment	Computer Simulation of Tumour Response to Therapy	G. S. Stamatakos and N.Uzunoglu	Edited by Sylvia Nagl © 2006 John Wiley & Sons, Ltd	2006	
M.Akay (Ed) "Genomics and Proteomics Engineering in Medicine and Biology	A Platform for Understanding Cancer Behavior and Optimizing Radiation Therapy Treatment	G.S.Stamatakos , D.D.Dionysiou, N.K.Uzunoglu	Wiley/IEEE Press, Hoboken, NJ, 2007	2007	
Aspects of Nonlinear Modelling	Noisy Oncology': some Caveats in using Gaussian Noise in Mathematical Models of Chemotherapy	A. d'Onofrio	Birkauser Publishing (E. Venturino and R. Hodskings eds.), Birkauser Publishing, 2008	2008	ISBN: 978-3-7643-8590-3
Ethical and Legal Requirements for Transnational Genetic Research		Arning, Marian; Forgó, Nikolaus; Kollek, Regine; Kruegel, Tina; Petersen, Imme	C. H. Beck Verlag (publisher)	To be published	

Table 6: List of ACGT contributions in international books

ACGT had planned a book that would describe the project's infrastructure. It was however decided by the management of the project that there would be no book done. The ACGT project therefore decided not to print publications onto the ACGT book, leaving rather the publications to be made through other means as to reach wider to the communities.

3.8. Press

Media briefings occurred and press releases were published when there was something newsworthy to say. The media relations include newspapers and TV channel as presented in the table 7 hereafter.

Title	Partners	Newspaper	Date	URL
EU-weite Vernetzung soll Krebsforschung voranbringen	USAAR	idw-online	04/04/2006	http://idw-online.de/pages/de/ news153573
	USAAR		07/04/2006	http://www.uni- saarland.de/de/medien/2006/04/114414 1058
Neue Arbeitsgruppe zur EU-weiten Vernetzung in der Krebsforschung	USAAR	Campus 3/2006	3/2006	http://www.uni-saarland.de/mediadb/fotos/universitaet/Veroffentlichungen/campus/2006/3/20.pdf
Interview on "Individualized Medicine".	Regine Kollek	Deutsches Ärztblatt 106(42): A2071	Oktober 2009	
Interview "Software para terapias"	UMA	Saber (university newspaper)	9th February 2010	
Interview "Sello UMA para el tratamiento personalizado del cáncer de mama"	UMA	Málaga Hoy (newspaper)	25th of February 2010	http://www.malagahoy.es/article/malaga/639903/sello/uma/para/tratamiento/personalizado/cancer/mama.html
Interview	UMA	Television programme "Tesis – Canal Sur 2 Andalucía"		

Table 7: List of ACGT press releases and interviews

3.9. Videos

Title	Event	Partners	Link
Clinical requirements regarding In Silico Oncology	ICT BIO 2008 Conference Oct. 23-24, 2008	USAAR	http://www.ecancermedicalscience.com/tv/?play=120
Clinical Tumour Response to Radiotherapeutic Schemes: A Multiscale In Silico Oncology Model	London Science Museum (Dana Centre) during the researcher's night entitled "Model Body" 6 May 2010	G.Stamatakos, D.Dionysiou,R.Belleman	http://www.danacentre.org.uk/events/2010/05/06/572
Final ACGT Video		All	www.honeybee.gr

Table 8: List of videos

3.10. Link with other projects and initiatives

ACGT was from the start involved with all communities related to cancer andclinical trials in order to design a platform that will make user's requirements a priority. The project's partners therefore linked with the relevant communities and organizations to define the best strategy to design the functionalities and services. All initiatives on clinical trials and legal aspects of the project generated collaborations that were used to make the clinical trials scenarios, thus leading to trials involving user communities and organizations.

As it is a European project involved in medical research, government relations are highly important for finance and support. ACGT linked at national level to ensure that the legacy of the project would be taken into account in future projects, national and regional governmentsplaying a key role in the adoption of new projects and funding for these projets. It remains important for the project to present all the work generated to the partners' respective country government in order to inform them about the various progress of research. Their support transformed in several projects that are described in the exploitation final report.

ACGT linked with EC e-infrastructures projects such as EGEE to help define interoperable solutions as to port the platform on the grid, thus increasing the capacity of each of the components for a coherent, fast and efficient platform for users. The project's end does not significate that the platform is closed but that it is now to be deployed through other projects as to enter into production, this being described in the exploitation final report.

4. Conclusions

An initial dissemination plan was presented at project month 9 and followed by a revised plan at project month 20. In the meanwhile, reports about dissemination activities effectively achieved were published by WP15. The current report is the final report and analysis of the project dissemination activities during 54 months. WP15 has been in charge of disseminating the research findings to an audience of interest through formal or informal channels of communication: presentations at professional conferences or on a departmental level, publication in a variety of professional journals presentation as a poster session and so on. . The activity also has produced a wide range of dissemination materials, distributed at the numerous attended events.

The list of events and scientific production listed in this document shows the high level of participation from external and internal partners to the dissemination. The contribution by all partners to WP15 has helped the project to be part of the state of the art community onto cancer research and to be acknowledged strongly by professionals and key stakeholders.

5. ANNEXE 1: Table of Conferences and workshops attended by ACGT partners 2006-2010

Event Title	Date	Location	Event Size	Partner's participation	Dissemination action
2006					
Chinese Grid Computing Community	January 2006	Shangai	100	PSNC	Presentation: "ACGT for Clinico-Genomic Trials" (N.Graf)
SIOP Nephroblastoma committee meeting	1st – 2nd February 2006	London, UK	50	USAAR	Presentation
Annual caBIG Conference	February 2006	Arlington, VA	200	FORTH	Presentation
JURACON conference	11th April 2006	Frankfurt, Germany		UHANN	Presentation + booth
Philips Corporate Exhibition 2006	May 2006		150+	Philips	Presentation
Project ELAN2LIFE Conference	11th May 2006	Homburg, Germany	10	USAAR	
BioMedical Informatics conference – scientific workshop	30th May 2006	Budapest, Hungary	40	FORTH, FhG, UPM, UHANN	Presentation
GPOH meeting	19th June 2006	Berlin, Germany	15	USAAR	
ICT for Bio-Medical Sciences 2006	29th -30th June 2006	Brussels, Belgium	250	EU, USAAR, FORTH	
ENGAGE Indonesia 2006	9th -16th September 2006	Jakarta, Indonesia	100	USAAR	
Conference on Lymphoma and Clinical Trials	21st October 20006	Wuhan, China	250	USAAR	Presentation: "Advancing Clinico-Genomic Trials (ACGT) – an European Project" (N.Graf)
6th annual summit of the Gesellschaft für	5th October 2006	Dresden, Germany	50	UHANN	

Informatik for Research, Industry “ Data protection regarding human genetic research”					
ITAB 2006	25th October 2006	Ioannina, Greece	40	Biovista, ERCIM	Presentation: “Knowledge Generation through advances literature mining techniques: BEA “ (C. Andronis)
ITAB 2006 Pre-Conference Workshop	25th October 2006	Ioannina, Greece	150	UHANN	
EuroBio06	25th -26th October 2006	Paris, France	4500	Biovista	Presentation + booth
Meeting with EGEE	October 2006	Krakow, Poland	100	PSNC	
Conference “Requirements for european multicentre trials including genetic data of subjects” Workshop “Personal Data Issues in European/International Medical Research Projects” organized by the Telematikplattform für Medizinische Forschungsnetze e.V.	8th Dec. 2006	Berlin, Germany	50	UHANN	
2007					
SIOP Nephroblastoma Committee meeting	1st – 3rd February 2007	London, UK	50	USAAR	
Cebit Exhibition	19th March 2007	Hannover, Germany		UHANN LUH	Exibition Project website Presentation LUH: “Datenschutz und die Forschung am menschlichen Gen” (25
HealthGrid 2007	24th 27th April	Geneva, Switzerland	70	FORTH, FUNDP	Presentation (FUNDP): “ Does HealthGrid Present Specific Risks With Regard to Data Protection”
Meeting for Paediatric oncologists, molecular biologists, and lawyers	15th – 16th May 2007	Brussels, Belgium	10	USAAR, UH, Crid, Custodix, LUH , IJB	
Clinical Trial Ontology meeting	16-17 May 2007	NIH Besthesda, USA	100	USAAR	
Technical congress meeting	22nd and 23rd May 2007		150	UVA	

Ontology of Biomedical Investigation (OBI) Workhop	9-13th July 2007	NIH Besthesda, USA	100	USAAR (IFOMIS)	
Infectious disease Ontology (IDO) meeting	19-21 Sept 2007	Cold Spring, Harbor, NY, USA		USAAR (IFOMIS)	
ECCO meeting	24-27th Sept.	Barcelona, Spain	5000	USAAR	
ACGT workshop during EGEE'07 conference	4th Oct. 2007	Budapest, Hungary	500	FORTH/FhG/UMA	Presentation FORTH: " Knowledge Discovery Services and Workflows" (15 people)
SIOP congress	1st-2nd Nov. 2007	Mumbai, India	1500	SIOP	
RSNA 2007 Congress	Nov. 2007	Chicago, USA	500	Philips	
Meeting at the Institute of Bioinformatics and Applied and Philips Research	December 2007	Bangalore, India	50		
First International workshop on Conceptual Modeling for Life Sciences Applications (CMLSA 2007)	December 2007	Auckland, New Zealand	100	UPM, FORTH, Philips, IFOMIS	
IEEE EMBS	23rd -26th August 2007	Lyon, France	500	ICCS/ USAAR/IBMT/FhG	
13th Advanced School for Computing and Imaging	13th -15th June, 2007	Heijen, the Netherlands	100	UvA	
3rd International CViT (NCI-ICBP) workshop	Oct. 2007	Boston, USA	60	ICCS	
"Biobanking goes Europe" at the Telematikplattform für medizinische Forschungsnetze e.V. Workshop	12th February 2007	Berlin, Germany	25	LUH	
Agoria ICT eHealth	24th April 2007	Brussels, Belgium	100	FUNDP	Presentation
Workshop on security/privacy issues for biomedical applications based on Grid Middleware	3th May	Brussels, Belgium	20	LUH/Custodix	Participation
Meeting WP10 / TRANSBIG	15th May 2007	Brussels, Belgium	20	UH/Crid/Custodix/LUH/USAAR	Participation and presentation
JuriTIC	1st June	Namur, Belgium	50	FUNDP	Presentation

Telematikplattform für medizinische Forschungsnetze e.V. on biomaterial workshop	26th June	German	25	LUH	Working group and presentation
11th international conference on user modelling (2nd workshop on Personalisation for E-Health)	26th June 2007	Corfu, Greece		LUH	Paper " Data Protection issues with regard to research in genetic data "
Legal aspect of Information Security in medical scenarios for Professionals	28th June 2007	Bratislava, Slovakia	50	LUH	Presentation
Conference on "Remaking the Future of Health?"	29th June 2007	Mainz, Germany	100	UH	Paper
Université européenne d'été droit de la santé et éthique biomédicale	4th – 13th July 2007	Toulouse France, Madrid, Spain	50	FUNDP	Presentation
Care4health	13th Sept. 2007	Brussels, Belgium	100	FUNDP	Participation
"Reinventing data protection?"	12th – 13th October 2007	Brussels, Belgium	150	FUNDP	Participation
Le logiciel libre en évolution: EUPL – GPLv3, JuriTic	9th November 2007	Namur, Belgium	70	FUNDP	Participation
Biobanking and Bio-repositories Conference	25th November 2007	Amsterdam, Netherlands	300	UH	Participation
Statistics for Biomolecular Data Integration and Modeling	10th -15th June 2007	Ascona, Switzerland			Poster "ACGT Technologies"
2008					
"Genetische Daten: zwischen Ethik, Recht und personalisierter Medizin" Interdisciplinary conference	24th January 2008	Hannover, Germany	50	UH, USAAR, LUH	Organization (LUH) Presentation Custodix "Data Protection within the ACGT Project"
RIRAAF Kickoff Meeting (Meeting)	1st February	Malaga, Spain		UMA	Presentation (O. Trelles) " Web services and repositories strategies to manage clinical and medical data"
Meeting between USAAR and UHOK regarding Obtima and Trial Outline	28th January- February 3rd	Homburg, Germany	7	UdS,	

Builder design				UHok	
Ontology meeting	14th February 2008	Homburg, Germany		IFOMIS/USAAR	Discussion Obtima and Master Ontology
VIII Jornadas de Bioinfomática	13-15th February	Malaga, Spain		UMA	Presentation (J. Karlsson) " Developments in bioinformatics towards biomedical applications or systems biology and workshop on training of Bioinformatics
BioHackathon	12-15th February	Tokyo, Japan	60	UMA	Presentation (O. Trelles)
Meeting with I-BFL	March 5th 2008	Hannover, Germany		USAAR	Discussion about role of ACGT in Leukaemias, (participants: N. Graf)
6th International Renal Tumours Biology Meeting SIOP 2008	March, 12th-13th,	Chamonix, France	40	USAAR	
Integration of Hokkaido Recipesheet with UvA Visualization services	March 17 to 21 2008	Amsterdam		UHok UvA	
VO management workshop	27th March	Merelbeke			Requirements and needs for VO management in ACGT
GPOH Meeting	17th -18th April	Hannover, Germany	40		Presentation of Obtima to the German Paediatric Oncologists
MultiVis meeting	22th April 2008	Twente University		UvA	
Workshop with LESS (Long Effect surveillance study)	23th April 2008	Homburg, Germany			Discussion about Obtaima for analysis of SIOP Wilms Tumor trial of GPOH
SIOP Renal Tumour Study Group Meeting	April, 28th – 29th	Milan, Italy	60	UdS	Presentation Obtima and ACGT (N. Graf)
German Syrian Medical Conference	4th-7thof May 2008	Aleppo, Syria			Presentation of ACGT and ObTiMA by Norbert Graf
GPOH Meeting	16th-17thof May 2008	Berlin, Germany		USAAR	Multiple discussions with Paediatric Oncologists and chairmen of clinical trials regarding ObTiMA for upcoming clinical trials in Paediatric

					Oncology
Oncosimulator meeting	29th May	Amsterdam		Georgios Stamatakos, Andrea Sottoriva, Peter Sloot, Robert Belleman.	
Meeting of the IT Group for Stem cell transplantation of the German Paediatric Oncology Society (GPOH)-	17thof June 2008	Frankfurt			Discussion of ACGT and ObTiMA for the use in clinical trials regarding Stem cell
21st IEEE International Symposium on Computer-Based Medical Systems	June 17-19	Jyväskylä Finland		UMA USAAR	International forum for discussing the latest results in the field of computational medicine. Speaker: Johan Karlsson.
Further development of ObTiMA	3rdof July 2008,	Homburg			Coordination in the development of the Ontology for ObTiMA, Meeting between UdS (Norbert Graf, Alexander Hoppe, Jochen BÃhm) and Fraunhofer St.Ingbert (Gabriele Weiler, Fatima Schera)
International Conference on Telecommunications and Multimedia (TEMU-08)	18th July 2008	Greece		UMA USAAR	Presentation O.Trelles Presentation (Brochhausen M) “Biomedical Ontologies: Principles and Perspectives of Exploitation –a critical review
ACGT and ObTiMA for Cardiology,	28thof July 2008	Homburg			Meeting between the Competence Centre for Paediatric Cardiology, Berlin and ACGT people of UdS. The ITInfrastructure and ObTiMA was presented by Norbert Graf. The Competence Centre for Paediatric Cardiology has great interest to use this infrastructure for their clinical research. They do not want to build an IT Infrastructure by their own, if an existing one
WP 15 meeting Spanish National Institute for BioInformatics (INB)	July 2008	Valencia			
Working on the specification of the Trial Builder of ObTiMA	August 11th-21st 2008	Sapporo, Japan			Meeting with Prof. Tanaka, Dr. Fujima, Dr. Lunzer, Mike Kuwahara from University of Hokkaido

"Distributed Data Analysis using R" at 2008 UserR conference , .	12 August 2008	Dortmund, Germany			http://www.statistik.uni-dortmund.de/useR-2008/tutorials/rueping.html
Meeting with SIOP-RTSG and radiotherapists,	September 8th -10th, 2008	London, UK			Proposing ObTiMA for the next SIOP nephroblastoma trial
Obtima security meeting ,	October 31st- November 5th 2008	St. Ingbert, Germany,			ObTiMA Meeting regarding Trial Outline Builder, Ontology Viewer, Secure access and User Roles and Rights
bTiMA Meeting October 31st November 5th2008, St. Ingbert, MA Meeting October 31st Novem ObTiMA Meeting ObTiMA Meeting ber 5th2008, St. Ingbert, Germany, Technical meeting to introduce the technical action regarding ObTiMa Meeting October 31st November 5th2008, St. Ingbert, Germany, Technical meeting to introduce the technical action regarding ObTiMa Germany, Technical meeting to introduce the technical action regarding ObTiMa					
ObTiMA Meeting	October 31st November 5th 2008,	St. Ingbert, Germany,			Technical meeting to introduce the technical action regarding ObTiMa
WP11 meeting with Jules Bordet,	21th November	Brussels			EORTC will review the security architecture
Meeting with the SIOP-RTSGN	November 29th 30th 2008	Amsterdam, The Netherlands			Group for further discussing the IT-Infrastructure for the next nephroblastoma trial
ObTiMA Meeting,	January 21st2009	Homburg/ St. Ingbert, Germany	USAAR, Fraunhofer IBMT, Univ Madrid		

Mini symposium on Virtual Reality (symposium)	February 8th		25	UVA	
Conference of "Medizinisch Juristischer Arbeitskreis des Saarlandes"		La Petite Pierre, France	15	UdS	Presentation
EBCC6, European Breast Cancer Conference	April, 14th-19th	Berlin, Germany	50	FORTH/IJB/UdS/ LUH	
Genomic & Society	17th -18th April	Amsterdam, Netherlands		UH	
FIDIS Symposium "FIDIS INTERDISCIPLINARY DOCTORAL CONSORTIUM	17-20/6/2008	Belgium		Custodix	
IT-Infrastructure and quality management of TMF-Telematikplattform für medizinische Forschungsnetze	June, 18th	Berlin, Germany		IBMT	
Fifth International Conference for Mesoscopic Methods in Engineering and Science (ICMMES).	June 17- 2008	Amsterdam, Netherlands	75	UVA	CAVE demonstrations
FIDIS INTERDISCIPLINARY DOCTORAL CONSORTIUM JOINT EVENT WITH ACGT: Identity of the mind, body and spirit, (Workshop)		Fodele – Crete		LUH	
Annual convention promoting cooperation between Japan's academia, industry and government	June 2008	Hokkaido, Japan	4500	UHOK	
European conference on Mathematical and Theoretical Biology	June 29 – July 5	Edinburgh UK	400	IEO	Presentation
Data protection audit in biobanks: Pre-conditions, criteria, procedures	July 4, 2008	Kiel, Germany			
UICC 08	27 – 30th August	Geneva		UNIL HealthGrid	
3rd International Advanced Research Workshop on In Silico Oncology: Advances and Challenges	September 23rd – 24th	Istanbul, Turkey,		USAAR	

Workshop of the Comprehensive Cancer Center (CCC)	September 27th	Freiburg, Germany		USAAR	
The Rights of Children in Medicine	9-10 October	Goettingen University, Germany		UH	
Health Information Technology Conference	10 October	Brussels Belgium		CUSTODIX	
ICT BIO 2008	October 20th – 23rd	Brussels, Belgium		USAAR NTUA	Talk (Graf N) : Clinical requirements regarding In Silico Oncology. Intoductory Talk (G. Stamatakos) "Fundamentals of multiscale modelling"
The co-construction of genetics, health care and insurance	October 23-24	Maastricht Netherlands		UH	
Aportes de la bioinformática en la predicción de la estructura tridimensional de proteínas. Implicaciones en el diseño de nuevos fármacos" (Summer-school	Oct.2008	Tucumán Argentina		UMA	
9th EMBL/EMBO Science and Society Conference	November 7-8	Heidelberg Germany		UH	
Meeting with the Paediatric Oncologists	November 20th – 23rd	Moscow, Russia		USAAR	
ICT 2008	26th November	Lyon France	4000	ERIM	
EUROGENE eTEN project: Mid-term Workshop "Personal Genetics in the Clinic	November 27th	Athens, Greece	20		Workshop
Genomics in the policy room	3rd December	Nijmegen, Netherlands		UH	
The international conference on human rights and biomedicine	10-12 December	Rotterdam, Netherlands		UH	
Institut für Pathologie, Johannes	28 October, 2008,	Mainz Germany		USAAR	Talk Brochhausen M (Ontologie-basierte IT-Systeme für die klinische

Gutenberg-Universität					Forschung.
Nation Center for Electronic Patient Records (NSEP)	2008	Trondheim, Norway		USAAR	Talk (Brochhausen M) Exploiting Ontologies in Clinical Research and Practice.
3rd Annual DKI (Discovery Knowledge & Informatics),	5-17 September, 2008	Brussels, Belgium,		USAAR	Talk (Brochhausen M) How Can We Utilise Ontologies to Maximise Our Data/Knowledge Base ?
92. Jahrestagung der Deutschen Gesellschaft für Pathologie e.V	May 16 2008	Berlin, Germany.		USAAR	Talk (Brochhausen M, Brochhausen C, Kirkpatrick CJ) "Using Formal Ontology in Analyzing Complex Systems in Pathology - Data Integration and Standardization"
IEEE CBMS 2008: 21st IEEE International Symposium on Computer-Based Medical Systems	June 17-19, 2008	Jyväskylä, Finland		Brochhausen M, Weiler G, Cocos C, Stenzhorn H, Graf N, Doerr M, Tsiknakis M	« The ACGT Master Ontology on Cancer - a New Terminology Source for Oncological Practice »
ICT BIO Third International Advanced Research Workshop on In Silico Oncology: Advances and Challenges (3rd IARWISO)	September 23-24, 2008	Istanbul, Turkey		Georgios Stamatakos	Introductory talk
8th IEEE International Conference on Bioinformatics and BioEngineering (IEEE BIBE 2008)	8-10 October 2008	Athens, Greece		M. Tsiknakis	Key Note « The European Cancer Informatics Landscape: Challenges for the biomedical informatics community »
2009					

Annual meeting of the American Association for Cancer Research (AACR)	18-22 April 2009	Denver		IJB	Presentation Predicting the efficacy of anthracyclines in breast cancer (BC) patients: The results of the TOP trial and their validation in the BIG00-01 trial.
IMPAKT Breast Cancer Conference	May 2009	Brussels		IJB	Presentation Gene expression signatures can predict the efficacy of anthracyclines in HER2-negative and HER2-positive breast cancer (BC) patients: The results of the TOP trial and their validation in the BIG1-00 trial.
BMIINT workshop	24 April 2009	Thessaloniki		Philips	Presentation Erwin Bonsma 'Homogenising access to heterogeneous biomedical data sources'
Meeting of the Network of Excellence "Virtual Physiological Human" during ERCIM-ETSI Infinity Initiative	2-3 April 2009	Sophia Antipolis		USAAR	Presentation N. graf "The need for standardization from a clinical perspective"
Mathematical and Computational Approaches in Biology and Medicine Scientific workshop	15-16 June 2009	University of Warsaw Poland		IEO	Presentation
Networked Visualization for e-Science	19 june 2009	Amsterdam		UVA	Presentation Robert Belleman "Interactive Visual Exploration of Graphs and Networks"
EGEE User Forum/OGF25 Session" Grid technologies in e-Health"	5 March 2009	Catania Italy		PSNC FORTH	Presentation J. Pukacki G. Zacharioudakis 'The ACGT Workflow

					Editing & Enactment Environment”
IPA workshop	April 2009	Helvoirt, Netherlands		UVA	Presentation Robert Belleman 'Interactive Visual Exploration, Presentation Paul Melis 'Service-oriented interactive visualization in the ACGT project, Presentation Laurence Muller Graph exploration on a multitouch table
Annual SBS conference	26-30 April 2009	Lille, France		Biovista	Presentation Andrea Persidis “Biovista: literature mining platform and its various applications”
Asia-Pacific Advanced Network APAN 28th meeting	22 July 2009	Kuala-Lumpur		HealthGrid	Presentation Yannick Legré 'Healthgrids”
EGEE User Forum/OGF25 Session" Grid technologies in e-Health"	5 March 2009	Catania Italy		FORTH	Presentation Giorgos Zacharioudakis 'The ACGT WorkflGrid Technologies for Cancer Research in the ACGT Project ow Editing & Enactment Environment”
Lecture at university of Tilburg	10/06/09	Tilburg		LUH	Presentation M. Corrales”'Biological Databases and how to protect them from a sui generis right perspective – ACGT Project”
Lecture at International Summer School in IT Law	July 2009	Hannover		LUH	Presentation Nikolaus Forgo “ACGT”
Lecture at International Summer School of he University of Vienna	July 2009	Strobl		LUH	Presentation Nikolaus Forgo “Einatmen. Ausatmen. Zur Herstellung von Intimität im elektrischen Zeitalter”
Conference on “Genetic Knowledge”	June, 26, 2009	Wittenberg, Germany		UH	Presentation Regine Kollek “Lecture on “Biorepositories as resource for knowledge production”

The 2nd International Conference on Drug Discovery & Therapy (ICDDT 2010)	1-4 Feb 2010	Dubai, UAE		Biovista (invited)	Presentation Andreas Persidis ' Literature Based Discovery: The Biovista Platform for Clinical Outcomes Analysis”
Before the Committee for Education, Research and Technology Assessment of the German Parliament	May 27, 2009	Berlin, Germany		UH	Presentation Regine Kollek “Statement on "Societal aspects of “Individualized Medicine””
Conférence organized by EAHL (European Association of Health Law)	October 14-16th 2009	Edinburgh, UK		FUNDP	Presentation Jean-Marc Van Gyseghem 'Is consent the best way to conduct medical/clinical trials with regard to personal data protection?”
4th International Conference on Legal, Security and Privacy Issues in IT Law (LSPI) and 3rd International Law and Trade Conference (ILTC)	November, 3-5, 2009	Sliema, Malta		LUH	Presentation Marcelo Corrales “Intellectual Property Rights in e-Health: Balancing out the interests at stake? A Herculean task?”
Workshop on European-Japanese Research Collaboration in Medical ICT	September 14-15, 2009	Hokkaido, Japan		LUH	Presentation Tina Krügel “ Law, ethics and security for networked medical data”
Alpbacher Wirtschaftsgespräche, Europäisches Forum Alpbach	September 2nd, 2009	Alpbach, Austria		LUH	Presentation Nikolaus Forgó “ Vertrauen in einer vernetzten Welt”
Sommerhochschule, Universität Wien	August, 7th, 2009	Strobl, Austria		LUH	Presentation Nikolaus Forgó 'Einatmen. Ausatmen. Vom Schutz der Intimität im elektrischen Zeitalter”
VPH NoE Annual Event 2009	September, 9-11, 2009	Brussels, Belgium		LUH	Presentation Nikolaus Forgó “ Presentation of ACGT to the scientific advisory board”
Master's course on visualization virtual reality	16-sept-09	Amsterdam, NL		UVA	Presentation Robert Belleman “ Scientific Visualization of (Bio-) medical Image Data”

Workshop on European-Japanese Research Collaboration in Medical ICT	September 14-15, 2009	Sapporo, Japan		USAAR UHOK ICCS, UHOK	Presentation N. Graf, F. Schera, M. Kuwahara " ObTiMA: a new ontology-driven tool for managing multi-site trials" Presentation Y. Tanaka '" Architecture of the Trial Outline Builder" Presentation G. Stamatakos, A. Lunzer "Multi-scale modelling and the ACGT OncoSimulator"
2010					
7th International Meeting on the Biology of Childhood Renal Tumors	March 1-3, 2010	Banff, Alberta, Canada		N. Nourkami Sabrina Heisel USAAR	Presentation N. Nourkami "Immune reponse pattern in wilms tumour patients: new biomarkers for early diagnosis of malignant childhood tumours" Presentation Sabrina Heisel "Identification of serological markers and generation of autoantibody signatures to improve differential diagnosis of Wilms and non-Wilms tumors" Presentation N Graf "Advanced Wilms Tumour Scenario using the ACGT environment"
The 2nd International Conference on Drug Discovery & Therapy (ICDDT 2010)	1-4 Feb 2010	Dubai, UAE		Biovista	Presentation Andreas Persidis "Literature Based Discovery: The Biovista Platform for Clinical Outcomes Analysis"

Francophones d'Oncologie Médicale	January 2010	Lille, France		IJB	Presentation "Intérêt des analyses transcriptomiques en situation adjuvante"
European Breast Cancer Conference (EBCC)	March 2010	Barcelona, Spain		IJB	Presentation of the results of the TOP trial
International Monaco Oncology	January 2010	Monaco, France		IJB	Presentation « Molecular classifiers: Should they be assessed by conventional tools or gene expression arrays? »
Pädiatrie alla cart	February 2010	Dortmund, Germany		USAAR	N. Graf Presentation of the Wilms Tumour trails
Meeting at UCL	February 2010	London, UK		USAAR	N. Graf presents ACGT
Molecular Biology Meeting for Wlms Tumour	March 2010	Banff, Canada		USAAR	N. Graf presents ACGT
International Paediatric Haematology and Oncology Update Meeting	April 10	Edinburgh, Scottland		USAAR	N. Graf presents ACGT
SIOP-RTSG consortium Meeting	May 2010	Homburg, Germany		USAAR	N. Graf presents ACGT
SIOP-RTSG consortium Meeting	July 2010	Milano, Italy		USAAR	N. Graf presents ACGT
Meeting at UCL	February 2010	London, UK		USAAR	N. Graf presents ACGT
Technical University of Darmstadt	June, 15-16, 2010	Germany		UH	Presentation Imme Petersen "Science goes public. Mass-mediated expertise as a new form of scientific policy advice?" given at the conference on "Knowledge in the policy process and the politics of knowledge production"

35th congress of the German Society of Sociology	October, 11-15, 2010	University of Frankfurt/Main, Germany		UH	Presentation Imme Petersen " Prognosticon biobank: The socialization of data"
Hospital La Paz	June 2010	Madrid, Spain		UMA	Presentation Oswaldo Trelles "Bases de datos biomédicas: NCBI (GEO), ENSEMBL, OMIM, EBI, NCI, PHARMGKB, NOVOSEEK (VersiónBeta), GENCARD, HPR (Atlas). Visual Genomics"
3rd International Seminar on Information Law 2010, 'An Information Law for the 21st. Century'	25th of June 2010	Corfu, Greece		LUH	Presentation M. Corrales "Protecting patients' rights in clinical trial scenarios: The "bee metaphor" and the simbiotical relationship"
Global Security and Proactive State in the Economic Context, 13th International Legal Informatics Symposium IRIS 2010	27th of February 2010	Salzburg, Austria		LUH	Presentation M. Corrales "An Intellectual Property Framework for Trans-European Genetic Research Projects"

4th International Advanced Research Workshop on In Silico Oncology and Cancer Investigation	Sept. 8-9 2010	Athens, Greece		Several	Presentation Aran Lunzer, Robert Belleman, Paul Melis, Juliusz Pukacki, Paweł Spychała, and Georgios Stamatakos " Validating the ACGT Oncosimulator with a Grid-Supported Visualisation Environment" Presentation Dimitra D. Dionysiou " The ISOG, NTUA Tumor Response to Treatment Discrete Simulation Models: Basic Concepts and Algorithms" Presentation Eleni Ch. Georgiadi, Dimitra D. Dionysiou, Eleni Kolokotroni, Nikolaos K. Uzunoglu, Norbert Graf, and Georgios S. Stamatakos " Discrete Event Based Modeling of Nephroblastoma. Sensitivity Considerations" Presentation Eleni A. Kolokotroni, Dimitra D. Dionysiou, Eleni Ch. Georgiadi, Nikolaos K. Uzunoglu, and Georgios S. Stamatakos " Breast Cancer Modeling in the Clinical Context: Parametric Studies" Presentation Georgios Stamatakos & al. " The ACGT Oncosimulator: from Conceptualization to Development via Multiscale Cancer Modeling" Presentation Georgios S. Stamatakos " In Silico Oncology: A Hypermatrix–Operator Formulation of a Top-Down Multiscale Simulation Model of Tumor Response to Treatment. The Oncosimulator Concept"

Submitted to the First VPH (Virtual Physiological Human) Conference	30 Sept-1 Oct. 2010	Brussels			Presentation Georgios Stamatakos, Dimitra Dionysiou, Eleni Georgiadi, Eleni Kolokotroni, Stavroula Giatili, Norbert Graf "In Silico Oncology: Multiscale Modelling of Clinical Tumour Response to Treatment Based on Discrete Entity - Discrete Event Simulation. The Oncosimulator concept"
Inviited Talk at the special session on "Mathematical Cancer Modelling" The 8th AIMS Conference on Dynamical Systems, Differential Equations and Applications	May 25 - 28, 2010	Dresden, Germany		IEO	Presentation A D'Onofrio « Modelling the evasion of tumours from immune control »
"Biology and Computer Science: Modelling and Computing " The 30th Jacob T. Schwartz International School for Scientific Research	July 10 - July 17, 2010	Lipari. Italy		IEO	Presentation A D'Onofrio «Models of Cellular Populations"
Bilateral Meetng between USAAR and Hokkaido University	26th-31st July 2010	Sapporo, Japan	6 Prof. Tanaka, Mike Kuwahara, Jonas Sjöberg, Holger Stenzhorn, Norbert Graf including a teleconference with Aran Lunzer, who did stay in London at that time	USAAR, UHok	Development of the TOB for the final demonstration

6. ANNEXE 2: Table of Publications in scientific journals 2006-2010

Title	Authors	Journal	Date	Volume/Pages
Grid Applications – New Challenges for Computational Methods	J. Pukacki, J. Nabrzyski, M. Stroiński et al.	Computational Methods in Science and Technology	2006	Volume 12 (1)
Applying a 4D multiscale in vivo tumor growth model to the exploration of radiotherapy scheduling: the effects of weekend treatment gaps and p53 gene status on the response of fast growing solid tumors	D.Dionysiou and G.S.Stamatakos	Cancer Informatics	2006	2: 113-121
Expression profiling of Wilms tumors reveals new candidate genes for different clinical parameters	Zirn B, Hartmann O, Samans B, Krause M, Wittmann S, Mertens F, Graf N, Eilers M, Gessler M	Int J Cancer	2006	118:1954–1962
Proliferation: The Most Prominent Predictor of Clinical Outcome in Breast Cancer	Desmedt C and Sotiriou C.	Cell Cycle	2006 Oct	1;5(19)
Primary Hepatic Metastases in Nephroblastoma – A Report of the SIOP/GPOH Study	Szavay P, Luithle T, Graf N, Furtwängler R, Fuchs J	J Pediatr Surg	2006	41:168-172
A computer simulation of in vivo tumour growth and response to radiotherapy: new algorithms and parametric results	D.D.Dionysiou, G.S. Stamatakos, N.K.Uzunoglu, K.S.Nikita	Computers in Biology and Medicine	2006	36: 448-464
A four dimensional computer simulation model of the in vivo response to radiotherapy of glioblastoma multiforme: studies on the effect of clonogenic cell density	G. S. Stamatakos, V.P. Antipas, N. K. Uzunoglu, R. G. Dale	British Journal of Radiology	2006	vol. 79, 389-400
A spatiotemporal, patient individualized simulation model of solid tumor response to chemotherapy in vivo: the paradigm of glioblastoma multiforme treated by temozolomide	G. S. Stamatakos, V. P.Antipas, and N. K. Uzunoglu	IEEE Transactions on Biomedical Engineering	August 2006	Vol. 53, No 8, pp.1467-1477
Spotlight on Cancer Informatics	G. Stamatakos	Cancer Informatics	2006	No 2, pp.99-102
A patient-specific in vivo tumor and normal tissue model for prediction of the response to radiotherapy: a computer simulation approach”	V. Antipas, G. S. Stamatakos, N. K. Uzunoglu	Methods Inf Med	2007	46, pp 367-375
Designing new methodologies for integrating biomedical information in clinical trials	Maojo V, Garcia-Remesal M, Billhardt H, Alonso-Calvo R,	Methods Inf Med	2006	45(2):180-5

	Perez-Rey D, Martin-Sanchez F.			
Target genes of the Wnt/ß-catenin pathway in Wilms tumors	Zirn B, Samans B, Pietsch T, Leuschner I, Eilers M, Graf N, Gessler M	Genes, Chromosomes & Cancer	2006	45:565-574
Mesoblastic Nephroma – A report from the Gesellschaft für pädiatrische Onkologie und Hämatolgie (GPOH)	Furtwängler R, Reinhard H, Leuschner I, Schenk JP, Göbel U, Claviez A, Kulozik A, Zoubek A, von Schweinitz D, Graf N for the GPOH Nephroblastoma study group	Cancer	2006	106:2275-83
Referenzradiologie des Nephroblastoms: Diagnosegenauigkeit und Bedeutung für die präoperative Chemotherapie	Schenk JP, Schrader C, Zieger B, Furtwängler R, Leuschner I, Graf N, Tröger J	Fortschr Röntgenstr	2006	178:38-45
Referenzradiologie des Nephroblastoms: Diagnosegenauigkeit und Bedeutung für die präoperative Chemotherapie	Schenk JP, Schrader C, Zieger B, Furtwängler R, Leuschner I, Graf N, Tröger J	Fortschr Röntgenstr	2006	178:38-45
Bio-Broker: a tool for integration of Biological Data Sources and Data Analysis Tools, Software	F. Aldana, et al.	Published Online in Wiley Science	13-juil-06	36:1585-1604.
An agent- and ontology-based system for integrating public gene, protein, and disease databases	R. Alonso-Calvo, V. Maojo, H. Billhardt, F. Martin-Sanchez, M. Garcia-Remesal, D. Perez-Rey	Journal of Biomedical Informatics	2007	40 (2007) 17–29
Clinical requirements of ``In Silico Oncology'' as part of the integrated project ACGT (Advancing Clinico-Genomic Trials on Cancer)	N. Graf, C. Desmedt, A. Hoppe, M. Tsiknakis, D. Dionysiou, G. Stamatakos	European Journal of Cancer Supplements	2007	Vol 5 No 4, p. 83
A semantic grid infrastructure enabling integrated access and analysis of multilevel biomedical data in support of post-genomic clinical trials on Cancer	M. Tsiknakis, M. Brochhausen, J. Nabrzyski, J. Pucaski, et al	IEEE Journal on ITB	2008	
Post-genomic clinical trials: The perspective of ACGT	N. Graf, C. Desmedt, F. Buffa, D. Kafetzopoulos, N. Forgó, R. Kollek, A. Hoppe, G. Stamatakos, M. Tsiknakis	eCancerMedicalScience Journal (online journal)	2007	vol. 1, Article Num. 66, DOI:10.3332/eCMS.2007.66
Simulating cancer radiotherapy on a multi-level basis: biology, oncology and image processing	D.D.Dionysiou, G.S.Stamatakos, K.Marias	Lecture Notes in Computer Science	2007	vol. 4561, pp. 569-575
Developing a European Grid infrastructure for cancer research: vision, architecture, and services	M. Tsiknakis, S. Rueping, L. Martin, S. Sfakianakis, A. Bucur, T. Sengstag, M. Brohausen, J. Pucaski,	eCancerMedicalScience Journal (online journal)	2007	vol. 1, Article Num.56, DOI:10.3332/eCMS.2007.56

Interactive Simulation and Visualization for Cancer Treatment Planning with Grid-Based Technology	R.G Belleman et al	ERCIM News Special on The Digital Patient	2007	pp.22-24
Rapidly acting antitumoral antiangiogenic therapies	A. d'Onofrio	Physical Review	2007	E 76 (3): Art. No. 031920 Part 1
Rapidly acting antitumoral antiangiogenic therapies	A. d'Onofrio	Virtual Journal of Biological Physics Research	2007	vol 14 issue 7
Towards Virtual Oncology	G.Stamatakos	ERCIM NEWS No 69, Special on the Digital Patient	April 2007	pp.21-22
Biomedical Informatics and HealthGRIDs: A European Perspective	V. Maojo and M. Tsiknakis	IEEE Engineering in Medicine and Biology Magazine	May-June 2007	Vol. 26, No 3, pp 34-41
Fuzzy Oncology': fuzzy noise induced bifurcations and their application to anti-tumour chemotherapy	A. d'Onofrio	Applied Mathematics Letters	2007	Electronic Elsevier Version: http://dx.doi.org/10.1016/j.aml.2007.05.019
Strong time dependence of the 76-gene prognostic signature for breast cancer patients in the TRANSBIG multicenter independent validation series	Desmedt C, Piette F, Loi S, Wang Y, Lallemand F, Haibe-Kains B, Viale G, Delorenzi M, Zhang Y, d'Assignies MS, Bergh J, Lidereau R, Ellis P, Harris AL, Klijn JG, Foekens JA, Cardoso F, Piccart MJ, Buyse M, Sotiriou C; TRANSBIG Consortium	Clin Cancer Resp	2007 June 1	13 (11):3207-14
Definition of clinically distinct molecular subtypes in estrogen receptor-positive breast carcinomas through genomic grade	Loi S, Haibe-Kains B, Desmedt C, Lallemand F, Tutt AM, Gillet C, Ellis P, Harris A, Bergh J, Foekens JA, Klijn JG, Larsimont D, Buyse M, Bontempi G, Delorenzi M, Piccart MJ, Sotiriou C	J Clin Oncol	2007 Apr 1	25(10):1239-46
Multi-level analysis and information extraction considerations for validating 4D models of human function	K.Marias, D.Dionysiou, G.S. Stamatakos, F.Zacharopoulou, E.Georgiadi, T.G.Maris, I. Tollis	Lecture Notes in Computer Science	2007	vol. 4561, pp. 703-709
Post-genomic clinical trials – the perspective of ACGT	Graf N, Desmedt C, Buffa F, Kafetzopoulos D, Forgó N, Kollek R, Hoppe A, Stamatakos G, Tsiknakis M	Ecancermedicalscience 1	2008	DOI: 10.3332/eCMS.2007.6
A patient-specific in vivo tumor and normal tissue model for prediction of the response to radiotherapy: a computer simulation approach	V.P.Antipas, G.S.Stamatakos, N.K.Uzunoglu	Methods Inf. Med	2007	46, pp.367-375

Post-genomic clinical trials – the perspective of ACGT	Graf N, Desmedt C, Buffa F, Kafetzopoulos D, Forgó N, Kollek R, Hoppe A, Stamatakos G, Tsiknakis M	Ecancermedicalscience 1	2008	DOI: 10.3332/eCMS.2007.66
Applying a 4D multiscale in vivo tumor growth model to the exploration of radiotherapy scheduling: the effects of weekend treatment gaps and p53 gene status on the response of fast growing solid tumors	D.Dionysiou and G.S.Stamatakos	Cancer Informatics	2006	2: pp.113-121
Simulating cancer radiotherapy on a multi-level basis: biology, oncology and image processing	D.D.Dionysiou, G.S.Stamatakos, K.Maria	Lecture Notes in Computer Science	2007	vol. 4561, pp. 569-575,
Characteristics and Survival of 750 Children with a Renal Tumour in Infancy (0-6 months). A collaborative retrospective Study of the SIOP/GPOH/SFOP, NWTSG, and UK-CCSG	van den Heuvel-Eibrink MM, Grundy P, Graf N, Pritchard-Jones K, Bergeron C, Patte C, Peter E, van Tinteren H, Rey A, Hutton C, Anderson JR, de Kraker J	Pediatr Blood & Cancer	Dec 2007	published online
New prognostic markers revealed by evaluation of genes correlated with clinical parameters in Wilms tumors	Wittmann S, Wunder C, Zirn B, Furtwängler R, Wegert J, Graf N, Gessler M.	Genes Chromosomes Cancer	2008	
Verraten unsere Gene zu viel? – Ein Datenschutzkonzept für Genforschungsprojekte	Marian Arning, Nikolaus Forgó, Tina Krügel	G+G Wissenschaft	2007	volume 4, p. 23-31
Datenschutzrecht bei Genforschungsprojekten als erfolgsbestimmender Faktor	Marian Arning, Nikolaus Forgó, Tina Krügel	Juridikum	2007	volume 4
La protection des données médicales en droit européen	J. Herveg	Dossier médical et données médicales de santé, Bordeaux, Ed. Hospitalières	2007	pp. 183-196
L'information génétiques et le traitement des données à caractère personnel	J.-M. Van Gyseghem	Dossier médical et données médicales de santé, Bordeaux, Ed. Hospitalières	2007	pp. 243-258
Wilms Tumor: Prognostic factors, Staging, Therapy and Late Effects	Kaste SC, Dome JS, Babyn PS, Graf N, Grundy P, Godzinski J, Levitt GA, Jenkinson H	Ped Radiology	2008	8:2-17
Rhabdoid tumors in children: Prognostic factors in 70 patients diagnosed in Germany	Reinhard H, Reinert J, Beier R, Furtwängler R, Alkassar M, Rutkowski S, Frühwald M, Koscielniak E, Leuschner I, Kaatsch P, Graf N	Oncology Reports	2008	9: 819-823

Post-genomic clinical trials – the perspective of ACGT	Graf N, Desmedt C, Buffa F, Kafetzopoulos D, Forgó N, Kollek R, Hoppe A, Stamatakos G, Tsiknakis M	Ecancermedicalscience 1	2008	DOI: 10.3332/eCMS.2007.66, 2008
Outcome Prediction Based on Microarray Analysis: A Critical Perspective on MethodsB	M. Zervakis, M.E. Blazadonakis, V. Danilatou, G. Tsiliki, M. Tsiknakis, D. Kafetzopoulos	BMC Bioinformatics	2009	10:53
Decision Support Based on Genomics: Integration of Data and Knowledge Driven Reasoning	S. Sfakianakis, M. Blazantonakis, I. Dimou, M. Zervakis, M. Tsiknakis, G. Potamias, D. Kafetzopoulos, D. Lowe	International Journal of Biomedical Engineering and Technology Special Issue on Decision Support in Medicine		
Wilms Tumors: New prognostic markers revealed by evaluation of genes correlated with clinical parameters in Wilms tumors	Wittmann S, Wunder C, Zirn B, Furtwängler R, Graf N, Gessler M	Genes Chromosomes Cancer	2008	47:386-395
Surgical implications for liver metastases in nephroblastoma-Data from the SIOP/GPOH study	Fuchs J, Szavay P, Luithle T, Furtwangler R, Graf N	Surg Oncol	2008	17:33-40
Role of MRI in the management of patients with nephroblastoma	Schenk JP, Graf N, Günther P, Ley S, Göppl M, Kulozik A, Rohrschneider WK, Tröger J	Eur Radiol	2008	18:683-691
Characteristics and Survival of 750 Children with a Renal Tumour in Infancy (0-6 months). A collaborative retrospective Study of the SIOP/GPOH/SFOP, NWTSG, and UK-CCSG	van den Heuvel-Eibrink MM, Grundy P, Graf N, Pritchard-Jones K, Bergeron C, Patte C, Peter E, van Tinteren H, Rey A, Hutton C, Anderson JR, de Kraker J	Pediatr Blood & Cancer	2008	50:1130-1134
Consultation within SIOP 2001/ GPOH as part of the competence centre for nephroblastoma	Zils K, Furtwänler R, Reinhard H, Alkassar M, Graf N	Klin Pädiatr	2008	220:183-188
KIT, PDGFR and EGFR Analysis in Nephroblastoma	Wetli SC, Leuschner I, Harms D, Rufle A, Foerster A, Bihl M, GrafPaulussen M, Briner J, Tornillo L, Mihatsch MJ, Zlobec I, Bruder E	Virchow Archiv	2008	452:637-650
Das Nephroblastom und andere pädiatrische Nierentumoren	Furtwängler R, Schenk JP, Alkassar M, Leuschner I, Rübe C, von Schweinitz D, Gessler M, Graf N	Pädiat Prax	2008	72:59-77

Outcome of relapses of nephroblastoma in patients registered in the SIOP/GPOH trials and studies	Reinhard H, Schmidt A, Furtwängler R, Leuschner I, Rübe C, von Schweinitz D, Zoubek A, Niggli F, Graf N	Oncology Reports	2008	20:463-467,
Clinical relevance of mutations in the Wilms tumor suppressor 1 gene WT1 and the cadherin-associated protein ß1 gene CTNNB1 for patients with Wilms tumors. Results of long-term surveillance of 71 patients from International Society of Pediatric Oncology Study 9/Society	Royer-Pokora B, Weirich A, Schumacher V, Uschkereit C, Beier M, Leuschner I, Graf N, Autschbach F, Schneider D, von Harrach M	Pediatric Oncology. Cancer	2008	113:1080-1089
Surgical Aspects in the treatment of patients with unilateral Wilms´tumor – a report by the SIOP 93-01/ German Society of Pediatric Oncology and Hematology	Fuchs J, Kienecker K, Furtwängler R, Bürger D, Thüroff JW, Hager J, Graf N	Ann Surg	2008	
CYR61 and alphaVbeta5 integrin cooperate to promote invasion and metastasis of tumors growing in preirradiated stroma	Monnier Y , Farmer P, Bieler G, Imaizumi N, Sengstag T, Alghisi GC, Stehle JC, Ciarloni L, Andrejevic-Blant S, Moeckli R, Mirimanoff RO, Goodman SL, Delorenzi M, Rüegg C.	Cancer Res.	2008 Sep 15	68(18):7323-31
Meta-analysis of gene expression profiles in breast cancer: toward a unified understanding of breast cancer subtyping and prognosis signatures.	Wirapati P , Sotiriou C, Kunkel S, Farmer P, Pradervand S, Haibe-Kains B, Desmedt natiadis M, Sengstag T, Schütz F, Goldstein DR, Piccart M, Delorenzi M.	Breast Cancer Res.	2008	10(4):R65. Epub 2008 Jul 28.
Critical parameters determining standard radiotherapy treatment outcome for glioblastoma multiforme: a computer simulation	D.D.Dionysiou,G. S.Stamatakos, D. Gintides, N. Uzunoglou, K. Kyriaki	Open Biomedical Engineering 2	2008	43-51
Magallanes: a web services discovery and automatic workflow composition tool		Javier Rios, Johan Karlsson and Oswaldo Trelles		BMC Bioinformatics
On the interaction between the Immune System and an exponentially replicating Pathogen	A d'Onofrio	Mathematical Biosciences and Engineering	2009	In press
Phase 0 microdose trials and the role of computational sciences in translational research	S. Camporesi and A. d'Onofrio	eur j of Cancer	Submitted in 2010	

A generalization of Gompertz law compatible with the Gillenberg-Webb model for tumour growth	A. d'Onofrio. A. Fasano and B. Monechi	Mathematical biosciences	Submitted in 2010	
Phosphorylated ERalpha, HIF-1alpha, and MAPK signaling as predictors of primary endocrine treatment response and resistance in patients with breast cancer.	Generali D, Buffa FM (joint first), Berruti A, Brizzi MP, Campo L, Bonardi S, Bersiga A, Allevi G, Milani M, Aguggini S, Papotti M, Dogliotti L, Bottini A, Harris AL, Fox SB	J Clin Oncol	2009 Jan	27(2):227-34
Surgical Aspects in the treatment of patients with unilateral Wilms´tumor - a report by the SIOP 93-01/ German Society of Pediatric Oncology and Hematology	Fuchs J, Kienecker K, Furtwängler R, Bürger D, Thüroff JW, Hager J, Graf N	Ann Surg	2009	249:666-671
Value and difficulties of a common European strategy for recurrent Wilms tumour	Spreafico Filippo, Pritchard Jones Kathy, Bergeron Cristophe, de Kraker Jan, Dallorso Sandro, Graf N for the International Society of Pediatric Oncology Renal Tumor Study Group (SIOP-RTSG)	Expert Reviews Anticancer Therapy	2009	9:693-696
On Optimal Delivery of Combination Therapy for Tumors	A. d'Onofrio, U. Ledzewicz, H. Maurer and H. Schaettler	Mathematical Biosciences	August 2009	In press
The cooperative and nonlinear dynamics of tumor-vasculature interaction suggests low-dose, time-dense antiangiogenic schedulings	A d'Onofrio, A. Gandolfi and A. Rocca	Cell Proliferation	2009	42:317-329
In silico' oncology for clinical decision making in the context of nephroblastoma	Graf N, Hoppe A, Georgiadi E, Belleman R, Desmedt C, Dionysiou D, Erdt M, Jacques J, Kolokotroni E, Lunzer A, Tsiknakis M, Stamatakos G	Klin Padiatr	2009 May-June	221(3):141-149
Genomic Grade Index Is Associated With Response to Chemotherapy in Patients With Breast Cancer	Liedtke C, Hatzis C, Symmans WF, Desmedt C, Haibe-Kains B, Valero V, Kuerer H, Hortobagyi GN, Piccart-Gebhart M, Sotiriou C, Pusztai L.	J Clin Oncol	2009 Apr 13	
HER-2 as a target for breast cancer therapy	Ignatiadis M, Desmedt C, Sotiriou C, de Azambuja E, Piccart M.	Clin Cancer Res	2009 Mar 15	15(6):1848-52
Quantitation of HER2 expression or HER2:HER2 dimers and differential survival in a cohort of metastatic breast cancer patients carefully selected for trastuzumab treatment primarily by FISH.	Desmedt C, Sperinde J, Piette F, Huang W, Jin X, Tan Y, Durbecq V, Larsimont D, Giuliani R, Chappey C, Buyse M, Winslow J,	Diagn Mol Pathol.	2009 Mar	18(1):22-9

	Piccart M, Sotiriou C, Petropoulos C, Bates M.			
Development and validation of gene expression profile signatures in early-stage breast cancer	Desmedt C, Sotiriou C, Piccart-Gebhart MJ	Cancer Invest	2009 Jan	27(1):1-10
On the interaction between the Immune System and an exponentially replicating Pathogen	A. d'Onofrio	Mathematical Biosciences and Engineering		In press
Secondary neoplasms after Wilms' tumor in Germany	Nourkami N, Furtwängler R, Alkassar M, Graf N; SIOP/GPOH Nephroblastoma Trials Group	Strahlenther Onkol	38564	185 Suppl 2:11-2
Introduction of Hypermatrix and Operator Notation into a Discrete Mathematics Simulation Model of Malignant Tumour Response to Therapeutic Schemes In Vivo. Some Operator Properties Cancer Informatics	G.S.Stamatakos, D.D. Dionysiou	Cancer Informatics	2009	7, 239 - 251.
Intellectual Property Rights in e-Health: Balancing out the interests at stake? A Herculean task?	M. Corrales, E. Egermann, N. Forgó, T. Kruegel	Legal Discourse in Cyberlaw and Trade	nov-09	307-321
BASE - 2nd generation software for microarray data management and analysis	Johan Vallon-Christersson, Nicklas Nordborg, Martin Svensson and Jari Häkkinen	BMC Bioinformatics	October 2009	10:330
Improvement of the clinical applicability of the Genomic Grade Index through a qRT-PCR test performed on frozen and formalin-fixed paraffin-embedded tissues.	Toussaint J, Sieuwerts AM, Haibe-Kains B, Desmedt C, Rouas G, Harris AL, Larsimont D, Piccart M, Foekens JA, Durbecq V, Sotiriou C	BMC Genomics	sept-09	10;10:424
The Gene expression Grade Index: a potential predictor of relapse for endocrine-treated breast cancer patients in the BIG 1-98 trial.	Desmedt C, Giobbie-Hurder A, Neven P, Paridaens R, Christiaens MR, Smeets A, Lallemand F, Haibe-Kains B, Viale G, Gelber RD, Piccart M, Sotiriou C.	BMC Med Genomics	juil-09	2;2:40
WTX inactivation is a frequent, but late event in Wilms tumors without apparent clinical impact	Wegert J, Wittmann S, Leuschner I, Geissinger E, Graf N, Gessler M	Genes Chromosomes Cancer	December 2009	48(12):1102-11
Treatment of relapsed Wilms tumors: lessons learned	Spreafico F, Pritchard Jones K, Malogolowkin MH, Bergeron C, Hale J, de Kraker J, Dallorso S, Acha T, de Camargo B, Dome JS, Graf N	Expert Rev Anticancer Ther. 2009	December 2009	9(12):1807-15
A fuzzy gene expression-based computational approach improves	Haibe-Kains B, Desmedt C, Rothe F, Piccart M, Sotiriou C, Bontempi	Genome Biology	Fev-10	11(2):R18

breast cancer prognostication.	G			
"ACGT - Evolution of a Semantic Grid Infrastructure"	Hoppe, A., Tsiknakis, M.	Ercim News 80	January 2010	p7- Special theme: Digital Preservation
Metamodeling the learning-hiding competition between tumours and immune system: a kinematic approach	C. Cattani, A. Ciancio and A. d'Onofrio (Corr. Auth.)	Mathematical and Computer Modelling	jan-10	doi:10.1016/j.mcm.2010.01.012
MOWServ: a web client for integration of bioinformatic resources	Sergio Ramírez, Antonio Muñoz, Johan Karlsson, Maximiliano García, Antonio J. Pérez-Pulido, M.Gonzalo Claros and Oswaldo Trelles	Nucleic Acid Research (2010 NAR Web Server Issue)	2010	DOI 10.1093/nar/gkq497
Delay-induced oscillatory dynamics of tumour–immune system inter	Alberto d'Onofrio (corr auth), Francesca Gatti, Paola Cerrai, Luca Freschi	Mathematical and Computer Modelling		Volume 51, Issues 5-6, March 2010, Pages 572-591
Clinical and molecular features in patients with atypical teratoid rhabdoid tumor or malignant rhabdoid tumor	Kordes U, Gesk S, Frühwald MC, Graf N, Leuschner I, Hasselblatt M, Jeibmann A, Oyen F, Peters O, Pietsch T, Siebert R, Schneppenheim R	Genes Chromosomes Cancer	February 2010	49(2):176-81
Tumour evasion from immune system control as bounded-noise induced transition	A. d'Onofrio	Physical Review E	February 2010	81 art.n. 021923 (2010)
Amplification of LAPTM4B and YWHAZ contributes to chemotherapy resistance and recurrence of breast cancer.	Li Y, Zou L, Li Q, Haibe-Kains B, Tian R, Li Y, Desmedt C, Sotiriou C, Szallasi Z, Iglehart JD, Richardson AL, Wang ZC.	Nature Medicine	Feb-10	16(2):214-8
Assessment of an RNA interference screen-derived mitotic and ceramide pathway metagene as a predictor of response to neoadjuvant paclitaxel for primary triple-negative breast cancer: a retrospective analysis of five clinical trials	Juul N, Szallasi Z, Eklund AC, Li Q, Burrell RA, Gerlinger M, Valero V, Andreopoulou E, Esteva FJ, Symmans WF, Desmedt C, Haibe-Kains B, Sotiriou C, Pusztai L, Swanton C.	Lancet Oncol.	2010 Feb 26	
Doubling back on centromere 17 in early breast cancer	Bedard PL, Desmedt C.	Lancet Oncol.	2010 Mar	11(3):216-7
Cyclophosphamide dose intensification may circumvent anthracycline resistance of p53 mutant breast cancers.	Lehmann-Che J, André F, Desmedt C, Mazouni C, Giacchetti S, Turpin E, Espié M, Plassa LF, Marty M, Bertheau P, Sotiriou C, Piccart M, Symmans WF, Pusztai L, de Thé H	Oncologist	2010	15(3):246-52

International Cancer Genome Consortium. International network of cancer genome projects.		Nature	2010 Apr 15	464(7291):993-8
PIK3CA mutations associated with gene signature of low mTORC1 signaling and better outcomes in estrogen receptor-positive breast cancer	Loi S, Haibe-Kains B, Majjaj S, Lallemand F, Durbecq V, Larsimont D, Gonzalez-Angulo AM, Pusztai L, Symmans WF, Bardelli A, Ellis P, Tutt AN, Gillett CE, Hennessy BT, Mills GB, Phillips WA, Piccart MJ, Speed TP, McArthur GA, Sotiriou C.	Proc Natl Acad Sci U S A	2010 Jun 1	107(22):10208-13
Epigenetic downregulation of human disabled homolog 2 switches TGF-beta from a tumor suppressor to a tumor promoter	Hannigan A, Smith P, Kalna G, Lo Nigro C, Orange C, O'Brien DI, Shah R, Syed N, Spender LC, Herrera B, Thurlow JK, Lattanzio L, Monteverde M, Maurer ME, Buffa FM, Mann J, Chu DC, West CM, Patridge M, Oien KA, Cooper JA, Frame MC, Harris AL, Hiller L, Nicholson LJ, Gasco M, Crook T, Inman GJ.	J Clin Invest.	2010 Jul 1	pii: 36125. doi: 10.1172/JCI36125
The Role of Hypoxia Regulated microRNAs in Cancer	McCormick R, Buffa FM, Ragoussis J, Harris AL.	Curr Top Microbiol Immunol.	2010 Jun 10	
Regulation of autophagy by ATF4 in response to severe hypoxia	Rzymski T, Milani M, Pike L, Buffa F, Mellor HR, Winchester L, Pires I, Hammond E, Ragoussis I, Harris AL.	Oncogene	2010 May 31	
Spectral clustering of microarray data elucidates the roles of microenvironment remodeling and immune responses in survival of head and neck squamous cell carcinoma	Thurlow JK, Peña Murillo CL, Hunter KD, Buffa FM, Patiar S, Betts G, West CM, Harris AL, Parkinson EK, Harrison PR, Ozanne BW, Partridge M, Kalna G.	J Clin Oncol.	2010 Jun 10	28(17):2881-8
hsa-mir-210 is a marker of tumor hypoxia and a prognostic factor in head and neck cancer	Gee HE, Camps C, Buffa FM, Patiar S, Winter SC, Betts G, Homer J, Corbridge R, Cox G, West CM, Ragoussis J, Harris AL.	Cancer	2010 May 1	116(9):2148-58
Large meta-analysis of multiple cancers reveals a common, compact and highly prognostic hypoxia metagene	Buffa FM, Harris AL, West CM, Miller CJ.	Br J Cancer.	2010 Jan 19	102(2):428-35
Phase I/II trial of bevacizumab and radiotherapy for locally advanced inoperable colorectal cancer: vasculature-independent	Koukourakis MI, Giatromanolaki A, Sheldon H, Buffa FM, Kouklakis G, Ragoussis I, Sivridis E, Harris	Clin Cancer Res.	2009 Nov 15	15(22):7069-76

radiosensitizing effect of bevacizumab	AL; Tumour and Angiogenesis Research Group			
A new procedure for determining the genetic basis of a physiological process in a non-model species, illustrated by cold induced angiogenesis in the carp	Herbert JM, Buffa FM, Vorschmitt H, Egginton S, Bicknell R.	BMC Genomics	2009 Oct 23	10:490.
Assessment of tumour hypoxia for prediction of response to therapy and cancer prognosis	Jubb AM, Buffa FM, Harris AL.	J Cell Mol Med.	2010 Jan	14(1-2):18-29
Clinical and molecular features in patients with Rhabdoid Tumor Predisposition Syndrome.	Kordes Uwe, Gesk Stefan, Frühwald Michael Christoph, Graf N, Leuschner I, Hasselblatt Martin, Jeibmann Astrid, Oyen Florian, Peters Ove, Pietsch Torsten, Siebert Reiner, Schneppenheim Reinhard	Genes Chromosomes Cancer	2010	49:176-181
Subtype-specific FBXW7 mutation and MYCN copy number gain in Wilms tumour.	Williams Richard D, Al-Saadi Reem, Chagtai Tasnim, Popov Sergey, Messahel Boo, Sebire Neil, Gessler Manfred, Graf N, Hubank Mike, Jones Chris, Vujanic Gordan, Pritchard-Jones Kathy, on behalf of the Children's Cancer and Leukaemia Group and the SIOP Wilms Tumour Biology Group	Cancer Res	2010	16:2036-2045
User-specific perspectives on ontologies.	Brochhausen M, Slaughter L, Stenzhorn H, Graf N	Stud Health Technol Inform	2010	156:114-121
Evaluating Ontology-Based Clinical Systems – A Case Study on ACGT and Its Master Ontology on Cancer,	M. Brochhausen, G. Grigonyte, L. Martín, N. Graf, J. Haller, B. Smith, M. Tsiknakis	Journal of Biomedical Informatics, Special Issue on Ontologies for Clinical and Translational Research	accepted	
Multi-platform data integration in microarray analysis	G. Tsiliki, M. Zervakis, M. Ioannou, E. Sanidas, E. Stathopoulos, G. Potamias, M. Tsiknakis, D. Kafetzopoulos	IEEE Transactions on Information Technology in Biomedicine	submitted	
Disclosure of individual research results in clinico-genomic trials: Challenges, classification, and criteria for decision-making	Regine Kollek, Imme Petersen	Journal of Medical Ethics		
Ethical and Legal Requirements for Transnational Genetic Research	Nikolaus Forgó, Regine Kollek, Marian Arning, Tina Krügel, Imme Petersen	München: C.H. Beck	In press	

Treatment of relapsed Wilms tumors: lessons learned	Spreafico F, Pritchard Jones K, Malogolowkin MH, Bergeron C, Hale J, de Kraker J, Dallorso S, Acha T, de Camargo B, Dome JS, Graf N	Expert Rev Anticancer Ther. 2009	December 2009	9(12):1807-15
Intellectual Property Rights in e-Health: Balancing out the interests at stake? A Herculean task?	M. Corrales, E. Egermann, N. Forgó, T. Kruegel	Legal Discourse in Cyberlaw and Trade	nov-09	307-321
BASE - 2nd generation software for microarray data management and analysis	Johan Vallon-Christersson, Nicklas Nordborg, Martin Svensson and Jari Häkkinen	BMC Bioinformatics	October 2009	10:330
Improvement of the clinical applicability of the Genomic Grade Index through a qRT-PCR test performed on frozen and formalin-fixed paraffin-embedded tissues.	Toussaint J, Sieuwerts AM, Haibe-Kains B, Desmedt C, Rouas G, Harris AL, Larsimont D, Piccart M, Foekens JA, Durbecq V, Sotiriou C	BMC Genomics	sept-09	10;10:424
The Gene expression Grade Index: a potential predictor of relapse for endocrine-treated breast cancer patients in the BIG 1-98 trial.	Desmedt C, Giobbie-Hurder A, Neven P, Paridaens R, Christiaens MR, Smeets A, Lallemand F, Haibe-Kains B, Viale G, Gelber RD, Piccart M, Sotiriou C.	BMC Med Genomics	juil-09	2;2:40
On the interaction between the Immune System and an exponentially replicating Pathogen	A. d'Onofrio	Mathematical Biosciences and Engineering		In press
jORCA: Easily integrating bioinformatics Web Services	Martín-Requena Victoria, Rios Javier; García Maximiliano, Ramírez Sergio, and Trelles Oswaldo	Bioinformatics	2010	DOI:10.1093/bioinformatics/btp709)
Secondary neoplasms after Wilms' tumor in Germany	Nourkami N, Furtwängler R, Alkassar M, Graf N; SIOP/GPOH Nephroblastoma Trials Group	Strahlenther Onkol	38564	185 Suppl 2:11-2
Introduction of Hypermatrix and Operator Notation into a Discrete Mathematics Simulation Model of Malignant Tumour Response to Therapeutic Schemes In Vivo. Some Operator Properties Cancer Informatics	G.S.Stamatakos, D.D. Dionysiou	Cancer Informatics	2009	7, 239 - 251.
Data transformation rules as a shared commodity in Bioinformatics	Paul M.K. Gordon, Alfredo Martínez, Christoph W. Sensen and Oswaldo Trelles	Briefing in Bioinformatics (special issue NETTAB 2010)	2010	
The DBCLS BioHackathon: standardization and interoperability for	Toshiaki Katayama, et al.	Journal of Biomedical Semantics	2010	ID:1065233913221105

bioinformatics web services and workflows	(including O.Trelles)			
Mixing samples before or after expression analysis determines the final outcome	Elisabeth Tamayo-Martinez, Antonio Muñoz-Merida, Rafael Fernandez-Muñoz, Antonio Granell-Richart, Oswaldo Trelles	EMBnet.news Bioinformatics	2010	
Intellectual Property Rights in e-Health: balancing out the interest at stake - a Herculean task?	Corrales, Marcelo; Egermann, Eva; Forgó, Nikolaus; Kruegel, Tina	Int. J. Private Law	February 2010	Volume 3, 2010, pp. 286-299
Datenschutz in europäischen Genforschungsprojekten	Arning, Marian; Claerhout, Brecht; Egermann, Eva; Forgó, Nikolaus; Kruegel, Tina	Deutsches Ärzteblatt	upcoming	
T. Athanaileas, A.Menychtas, D.Dionysiou, D. Kyriazis, D.Kaklamani, T.Varvarigou, N.Uzunoglu and G.Stamatakos	Exploiting Grid Technologies for the Simulation of Clinical Trials In Silico: the Paradigm of In Silico Radiation Oncology	Simulation	2010	In press
An advanced discrete state – discrete event multiscale simulation model of the response of a solid tumor to chemotherapy: Mimicking a clinical study	G.S.Stamatakos, E.A.Kolokotroni, D.D.Dionysiou, E.Ch.Georgiadi, C.Desmedt	Journal of Theoretical Biology	sept-10	Volume 266, Issue 1, 7 Pages 124-139
Alberto Anguita, Luis Martín, David Pérez-Rey, Víctor Maojo	A review of methods and tools for database integration in biomedicine	Current Bioinformatics	Submitted	
The ACGT Master Ontology and ist Application - Towards an Ontology-Driven Cancer Research and Management System	M. Brochhausen, A.D. Spear, C. Cocos, G. Weiler, L. Martin, A. Anguita, H. Stenzhorn, E. Daskalaki, F. Schera, S. Sfakianakis, S. Kiefer, M. Dörr, N. Graf, M. Tsiknakis	Journal of Biomedical Informatics	May 2010 (e-pub, ahead of print)	PMID: 20438862
ON THE INTERACTION BETWEEN THE IMMUNE SYSTEM AND AN EXPONENTIALLY REPLICATING PATHOGEN	A d'Onofrio	MATHEMATICAL BIOSCIENCES AND ENGINEERING	2010	Volume: 7 Issue: 3 Pages: 579-602
Metamodeling the learning-hiding competition between tumours and the immune system: A kinematic approach	Cattani, C; Ciancio, A; d'Onofrio, A (corr. auth)	MATHEMATICAL AND COMPUTER MODELLING	2010	Volume: 52 Issue: 1-2 Pages: 62-69
Chemotherapy of vascularised tumours: Role of vessel density and the effect of vascular "pruning"	d'Onofrio, A (corr. auth); Gandolfi, A	JOURNAL OF THEORETICAL BIOLOGY	2010	Volume: 264 Issue: 2 Pages: 253-265
Bounded-noise-induced transitions in a tumor-immune system interplay	d'Onofrio, A	PHYSICAL REVIEW E	2010	Volume: 81 Issue: 2 Article Number: 021923 Published: 2010

Tumour suppression by immune system through stochastic oscillations	Caravagna G (equal contributor and ca); d'Onofrio, A (equal contributor); Milazzo P; Barbuti R	JOURNAL OF THEORETICAL BIOLOGY	2010	Volume 265, Issue 3, 7 August 2010, Pages 336-345
Resistance to anti-tumor chemotherapy due to bounded-noise transitions	A. d'Onofrio and A. Gandolfi	Physical Reviev Letters	Submitted july 24 2010	

7. ANNEXE 3: Conference paper published in proceedings 2006-2010

Title	Authors	Proceedings	Date	Pages	Venue
Building a European Biomedical Grid on Cancer: The ACGT Integrated Project	Tsiknakis & al	HealthGrid 06 Conference	7th - 9th June 2006	IOS Press Book series	Valencia, SPAIN
What are the expectations of a Clinician from “In SILICO Oncology	Norbert Graf, Alexander Hoppe	2nd IARWISO Conference	25th September 2006	page 36 – 38	Kolympari, Chania, Greece
A four dimensional simulation model of the in vivo response of nephroblastoma to vincristine	N. Sofra, G. Stamatakos N. Graf, N. Uzunoglu	2nd IARWISO Conference	25th September 2006	page 17 – 19	Kolympari, Chania, Greece
Towards a Cancer Ontology: Present Status and Challenges	Mathias Brochhausen	IEEE ITAB 2006 Conference	26-28 October 2006		Ioannina, Greece
Semantic Grid services in support of multi-centric, post-genomic trials on Cancer	M. Tsiknakis, S. Sfakianakis	IEEE ITAB 2006 Conference	26-28 October 2006		Ioannina, Greece
Grid applications –New Challenges for Computational methods	J. Pukacki, J. Nabrzyski, M. Stroiński et al.	Computational Methods in Science and Techology	2006	Volume 12 (1) Scientific Publishers OWN	
Towards a collaborative formulation of the Mathematical Principles of Natural Philosophy: Living Matter. The paradigm of In Silico OncologyRutgers University	G.S.Stamatakos	Workshop on Computational Tumor Modeling	August 3 - 4, 2006		Rutgers University NJ, USA
Improved Microarray Spot Segmentation by Combining two Information Channels	Th. Margaritis, K. Marias, D. Kafetzopoulos	28th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBS)	August 30 to September 3, 2006		New York City, USA
Improved Microarray Spot Segmentation by Combining two Information Channels	Th. Margaritis, K. Marias, D. Kafetzopoulos	28th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBS)	August 30 to September 3, 2006		New York City, USA
Human-Computer Interaction InternatioMulti-level analysis and information extraction considerations for validating 4D models of human functionnal 2007	K. Marias, D.D.Dionysiou, G.S.Stamatakos, F.Zacharopoulou, E.Georgiadi, T.G.Maris, I.Tollis	Human-Computer Interaction International 2007	22-27 July 2007		Beijing International Convention Center, Beijing, P.R. China
Clinical requirements of ``In Silico Oncology'' as part of the integrated project ACGT (Advancing Clinico-Genomic Trials on Cancer)	N. Graf, C. Desmedt, A. Hoppe, M. Tsiknakis, D. Dionysiou, G. Stamatakos	ECCO Conference	2007		Barcelona, Spain
The ACGT Knowledge discovery tasks and technologies	Manolis Tsiknakis, Stefan Rueping, Stelios Sfakianakis	QA-gen Workshop: Quantitative approaches for knowledge discovery and decision support in the post genomic era, in	22-27 of July, 2007		Sheffield Hallam University, UK

		conjunction with the 15th International Conference on Conceptual Structures (ICCS 2007)			
Does Healthgrid Present Specifics Risks with Regard to Data Protection?	J. Herveg	HealthGrid 2007	From Genes to Personalized HealthCare : Grid Solutions for the Life Sciences, IOS Press, 2007, vol. 126, pp. 219-228.		Geneva
GridR: An R-based grid-enabled tool for data analysis in ACGT clinico-genomic trialsi	Dennis Wegener, Thierry Sengstag, Stelios Sfakianakis, Stefan Rüping and Anthony Assi	3rd International Conference on e-Science and Grid Computing (eScience 2007)	2007		Bangalore, India
Applications of the ACGT Master Ontology on Cancer	M. Brochhausen, G. Weiler, L. Martin, C. Cocos, H. Stenzhorn, N. Graf, M. Doerr, M. Tsiknakis, B. Smith	th International Workshop On Semantic Web & Web Semantics (SWWS '08)	9-14th November 2008		Monterrey, Mexico
The need for integration of genomic information in a future EHR: An ACGT case study	A. Bucur, A. Persidis, D. Kafetzopoulos, M. Tsiknakis, L. Koumakis, V. Danilatou	9th International HL7 Interoperability Conference (IHIC 2008)	8-11 October 2008		Heraklion, Crete
Performance Validation of Microarray Analysis Methods	M. Zervakis, ME. Blazadonakis, A. Banti, D. Kafetzopoulos, V. Danilatou, M. Tsiknakis, Performance Validation of Microarray Analysis Methods	8th IEEE International Conference on Bioinformatics and BioEngineering (IEEE BIBE 2008)	8-10 October 2008		Athens, Greece
A new gene expression signature related to breast cancer estrogen receptor status	A. Analyti, E. Christodoulou, V. danilatou, M. Iannou, D. Kafetzopoulos, M. Kafousi, A. Kanterakis, H. Kondylakis, L. Koumakis, D. Manakanatas, T. Margaritis, G. Papaginnakis, G. Potamias, E. Sanidas, E. Stathopoulos, D. Tsiftis, M. Tsiknakis, G. Tsiliki, S. Vassilaros	8th IEEE International Conference on Bioinformatics and BioEngineering (IEEE BIBE 2008)	8-10 October 2008		Athens, Greece
An Ontology Based Method to Solve Query Identifier Heterogeneity in Post-Genomic Clinical	A. Anguita, L. Martín, J. Crespo, M Tsiknakis	MIE2008 – The XXIst International Congress of the European, Federation for	26-28 May 2008	Studies in Health Technology	Gotebord, Sweden

Trials		Medical Informatics		and Informatics, Volume 136, pp 3-8, 2008, S. K. Andersen, et al (Eds), IOS Press, 2008	
The ACGT Master Ontology on Cancer - a New Terminology	Brochhausen M, Weiler G, Cocos C, Stenzhorn H, Graf N, Doerr M, Tsiknakis M	Puuronen S, Pechenizkiy M, Tsymbal A, Lee DJ (eds.) 21st IEEE International Symposium on Computer-Based Medical Systems, IEEE Computer Society	2008	pp324-329	Los Alamitos
Translating Multiscale Cancer Models into Clinical Trials: Simulating Breast Cancer Tumor Dynamics within the Framework of the "Trial of Principle" Clinical Trial and the ACGT Project	Kolokotroni EA, Stamatakos GS, Dionysiou D, Georgiadi ECh, Desmedt C, Graf N	8th IEEE International Conference on Bioinformatics and Bioengineering (BIBE 2008)	8-10 October 2008		Athens, Greece
Simulating the response of Nephroblastoma Tumor to chemotherapy in the clinical context	Georgiadi ECh, Kolokotroni EA, Dionysiou DD, Graf N, Hoppe A, Uzunoglu NK, Stamatakos GS:	3rd International Advanced Research Workshop on In Silico Oncology,	Sept. 23-24	pp 27-30	Istanbul, Turkey
Multilevel Cancer Modeling in the Clinical Environment: Simulating the Behavior of Wilms Tumor in the Context of the SIOP 2001/GPOH Clinical Trial and the ACGT Project	Georgiadi ECh, Stamatakos GS, Graf N, Kolokotroni EA, Dionysiou DD, Hoppe A, Uzunoglu NK	8th IEEE International Conference on Bioinformatics and Bioengineering (BIBE 2008)	8-10 October 2008		Athens, Greece
Applications of the ACGT Master Ontology on Cancer	Brochhausen M, Weiler G, Martin L, Cocos C, Stenzhorn H, Graf N, Dörr M, Smith B, Tsiknakis M:	R. Meersman, Z. Tari, P. Herrero (eds.): OTM 2008 Workshops	2008	LNCS 5333, 1046-1055	
Clinical Trial Simulation in Grid Environments	D. Kyriazis, A. Menychtas, D. Dionysiou, G. Stamatakos,T. Varvarigou	8th IEEE International Conference on Bioinformatics and Bioengineering (BIBE 2008)	8-10 Oct. 2008		Athens, Greece
Glioblastoma Multiforme Response to Radiotherapy: Critical Parameters and In Silico Trials	D. D. Dionysiou and G. S. Stamatakos	3rd International Advanced Research Workshop on In Silico Oncology	Sept. 23-24, 2008	pp.13-16	Istanbul, Turkey

4-D Simulation Model of Tumor Free Growth and Response to Chemotherapy in Vivo: The Breast Cancer Case	E. A. Kolokotroni, E. Ch. Georgiadi, D. D. Dionysiou and G. S. Stamatakos	3rd International Advanced Research Workshop on In Silico Oncology	Sept. 23-24, 2008	pp. 31-34	Istanbul, Turkey
Geometrical and Mechanical Aspects of Tumor Growth and Response to Chemotherapeutic Schemes in the Context of the ACGT Oncosimulator	S. G. Giatili, G. S. Stamatakos, D. D. Dionysiou, E. A. Kolokotroni, E. Ch. Georgiadi	3rd International Advanced Research Workshop on In Silico Oncology	Sept. 23-24, 2008	pp.35-37	Istanbul, Turkey
Applying Grid Computing Technologies to In Silico Oncology	T.Athanaileas, A. Menychtas, D.Dionysiou, G. Stamatakos, D. Kaklamani, T.Varvarigou, I. Venieris and N. Uzunoglu	3rd International Advanced Research Workshop on In Silico Oncology	Sept. 23-24, 2008	pp. 41-43	Istanbul, Turkey
In silico simulation of a clinical trial concerning tumour response to radiotherapy	D.D.Dionysiou, G.S.Stamatakos, T.Athanaileas, A.Menyxtas, D.Kaklamani, T.Varvarigou, N.K.Uzunoglu	American Institute of Physics Conference Proceedings 1060	2008	pp.94-97	
Homogenising access to heterogeneous biomedical data sources	Erwin Bonsma and Jeroen Vrijnsen	Proc. of the BMIINT AIAI 2009 Workshop	April 2009		Thessaloniki
In silico oncology: a top-down multiscale simulator of cancer dynamics. Studying the effect of symmetric stem cell division on the cellular constitution of a tumour	G.S.Stamatakos, E.Kolokotroni, D.Dionysiou, E.Georgiadi, S.Giatili	Medical Physics and Biomedical Engineering World Congress 2009	2009 September		Munich
Building a System for Advancing Clinico-Genomic Trials on Cancer	Stelios Sfakianakis, Norbert Graf, Alexander Hoppe, Stefan Ruping, Dennis Wegener, Lefteris Koumakis, and George Zacharioudakis	Proc. of the BMIINT AIAI 2009 Workshop	April 2009		Thessaloniki
Discovery of Genotype-to-Phenotype Associations: A Grid-enabled Scientific Workflow Setting	Lefteris Koumakis, Stelios Sfakianakis, Vassilis Moustakis, and George Potamias	Proc. of the BMIINT AIAI 2009 Workshop	April 2009		Thessaloniki
Cross-platform Integration of Transcriptomics Data	Georgia Tsiliki, Marina Ioannou, and Dimitris Kafetzopoulos	Proc. of the BMIINT AIAI 2009 Workshop	April 2009		Thessaloniki
Web-based Authoring and Secure Enactment of Bioinformatics Workflows	S. Sfakianakis, L. Koumakis, G. Zacharioudakis, M. Tsiknakis	4th International Workshop on Workflow Management (ICWM 2009)	4-8 May 2009		Geneva
Workflows for Intelligent Monitoring Using Proxy Services	Stefan Rüping, Dennis Wegener, Stelios Sfakianakis, Thierry	Proceedings of HealthGrid 2009	June 2009	277-282	Berlin

	Sengstag				
A Semantic Infrastructure for the Integration of Bioinformatics Services	Giorgos Zacharioudakis, Lefteris Koumakis, Stelios Sfakianakis and Manolis Tsiknakis	International Conference on Intelligent Systems Design and Applications (ISDA 09), Special Session on Intelligent Systems Design and Applications in the Health Domain	30 Nov - 2 Dec 2009		Pisa
Towards closing the gap between user data and standardized input	Alfredo Martínez, Paul Gordon, Christoph W. Sensen and Oswaldo Trelles	Workshop NETTAB 2009 Mathematics and Computer Science Department	10-13 June 2009		Catania
jORCA: Making the use of bioinformatics web services easier	Victoria Martin-Requena, Javier Rios, Maximiliano García, Sergio Ramirez and Oswaldo Trelles	ISMB ECCB 2009	27 June - 2 July 2009		Stockholm
Qnorm: A library of parallel methods for gene-expression Q-normalization	José Manuel Mateos-Duran; Pjotr Prins; Andrés Rodríguez & Oswaldo Trelles	The Bioinformatics Open Source Conference (BOSC)	27 June - 2 July 2009		Stockholm
Victoria: navigating to a new style of searching for web-services and workflows	Johan Karlsson, Javier Ríos Oswaldo Trelles	The Bioinformatics Open Source Conference (BOSC)	27 June - 2 July 2009		Stockholm
Web Services across an European Biomedical GRID Infrastructure	Maximiliano García, Johan Karlsson, Sergio Ramirez and Oswaldo Trelles	Bioinformatic Journeys-Lisboa	Submitted August 2009		Lisbon
In silico oncology: a top-down multiscale simulator of cancer dynamics. Studying the effect of symmetric stem cell division on the cellular constitution of a tumour.	G.S.Stamatakos, E.Kolokotroni, D.Dionysiou, E.Georgiadi, S.Giatili	World Congress 2009 on Medical Physics and Biomedical Engineering. O. Doessel and W.C. Schlegel (Eds.): WC 2009, IFMBE Proceedings 25/IV	Sept 7-12, 2009	1830-1833	Munich, Germany
A Static Analysis Technique to Detect Unsatisfiable Conditions in Ontology-based Workflows	Gabriele Weiler, Arnd Poetzsch-Heffter and Stephan Kiefer	4th International Applications of Semantic Technologies Workshop	October 2009		Lubeck
A data mining based approach to reliable distributed systems	Michael Mock, Dennis Wegener	2nd International Workshop on Dependable Network Computing and Mobile Systems, DNCMS 2009, in conjunction with 28th IEEE International Symposium on Reliable Distributed Systems	September 27-30, 2009		New York, U.S.A
Toolkit-Based High-Performance Data Mining of Large	Dennis Wegener, Michael Mock,	Proceedings of the 2009 IEEE International Conference on Data	December 2009	296-301	Miami, FL,USA

Data on MapReduce Clusters	Deyaa Adranale, Stefan Wrobel	Mining Workshops, ICDM 2009			
Generation of genomic tools for teh study of Olive tree	Gonzales-Plaza, J.J.; Sámchez-Sevilla, J.F.; Muñoz-Mérida A.; Dominguez M.C., Trelles O., Bjelaj A.; De la Rosa R.; Botella M.A., Valpuesta V., Beuzon C.R.	Plant & Animal Genome XVIII. Española de Genética	January 9-13. 2010		San Diego, California, USA
Molecular dissection of defense-related pathways against Colletotrichum acutatum in strawberry (Fragaria x ananassa)	Francisco Amil-Ruiz, Sonia Encinas-Villarejo, Berta de los Santos, Antonio Muñoz- Mérida, José A. Mercado, Oswaldo Trelles, Fernando Pliego-Alfaro, Fernando Romero, Juan Muñoz-Blanco, and José L. Caballero.	The "8th Plant Genomics European Meeting" (Plant GEM)	7-10 October. 2009		Lisboa, Portugal
Generación de herramientas bioinformáticas para el estudio del Olivo	Gonzales-Plaza, J.J.; Sámchez-Sevilla, J.F.; Muñoz-Mérida A.; Dominguez M.C., Trelles O., Bjelaj A.; De la Rosa R.; Botella M.A., Valpuesta V., Beuzon C.R.	XXXVII Congreso de la Sociedad Española de Genética	29 Sept / 2 de Oct. 2009		Torremolinos, Spain
Mixing samples before or after expression analysis determine the final result	Elizabet Tamayo; Antonio Muñoz-Mérida and Oswaldo Trelles	International Conference & Meetings EMBnet-RIBio 2009: Bioinformatics for High Throughput Technologies and the Interface of Bioinformatics and Systems Biology	Sept.2009		Mexico
Pooling versus individual samples: a comparative analysis	Muñoz, A.; Tamayo, E.; Fernández, R.; Granell, A. y Trelles O.	Tomato Genomics; EU-SOL workshop “New tools for improvement of yield and quality”	2009		Toledo, Spain
Web Services across an European Biomedical GRID Infrastructure	Maximiliano García, Johan Karlsson, Sergio Ramirez and Oswaldo Trelles	Jornadas de Bioinformática	November 3-6, 2009		Lisboa, Portugal
Towards closing the gap between user data and standardized input	Alfredo Martínez; Paul Gordon; Christoph W. Sensen and Oswaldo Trelles	Network Tools and Applications in Biology (NETTAB 2009)	June 10 / 13, 2009		Catania, Sicily Italy
Patient Empowerment by Ontology-based Multilingual Systems	M. Brochhausen, L. Slaughter	IFMBE Proceedings	September 13 – 18, 2009	25/XII:439-42	Munich Germany
Supporting genotype-to-phenotype association studies	Lefteris Koumakis, Vassilis Moustakis, Manolis Tsiknakis,	31st Annual International IEEE	September, 2-6,		Minneapolis, Minnesota, USA

with grid-enabled knowledge discovery workflows,	Dimitris Kafetzopoulos, George Potamias	EMBS Conference (EMBC09)	2009		
A semantically aware platform for the authoring and secure enactment of bioinformatics workflows	Manolis Tsiknakis, Stelios Sfakianakis, George Zacharioudakis, Lefteris Koumakis, Alexandros Kanterakis, George Potamias, Dimitris Kafetzopoulos	31st Annual International IEEE EMBS Conference (EMBC09)	September, 2-6, 2009		Minneapolis, Minnesota, USA
Scientific discovery workflows in bioinformatics: A scenario for the coupling of molecular regulatory pathways and gene-expression profiles	Alexandors Kanterakis, George Potamias, George Zacharioudakis, Lefteris Koumakis, Stelios Sfakianakis, Manolis Tsiknakis	13th World Congress on Medical and Health Informatics Medinfo 2010	12-15th September 2010 (accepted)		Cape Town, South Africa
„What do cancer patients expect from genomics? Individual donor feedback in the light of clinico-genomic research"	Imme Petersen and Regine Kollek	international conference "Vital Politics III"	September 2009		London
High-level Model Definition for Microarray Data in a Future Clinico-genomic EHR	A. Bucur, J. van Leeuwen, R. Vdovjak and J. Vrijnsen	Proc of HEALTHINF 2010 Conf.	janv-10		Valencia, Spain
Advancing Clinico-genomic trials on cancer Four years of experience	Luis Martin, Alberto Anguita, Norbert Graf, Manolis Tsiknakis, Mathias Brochhausen, Stefan Rueping, Anca Bucur, Stelios Sfakianakis, Holger Stenzhorn	AMIA 2010 Annual Symposium	November 2010		Washington
A framework supporting sharing and reuse of data and tools in translational cancer research: Lessons learned for VPH research	M.Tsiknakis, S. Sfakianakis, G. Zacharioudakis, L. Koumakis	4th International Advanced Research Workshop on In Silico Oncology and Cancer Investigation (IARWISO)	September 2010		Athens, Greece
Scientific discovery workflows in bioinformatics: A scenario for the coupling of molecular regulatory pathways and gene-expression profiles	A. Kanterakis, G. Potamias, G. Zacharioudakis, L. Koumakis, S. Sfakianakis, M. Tsiknakis	13th International Congress on Medical Informatics (MEDINFO 2010)	September 2010		Cape Town, South Africa
Analyzing gene regulatory networks and gene expression profiles via scientific workflows	L. Koumakis, A. KAnterakis, G. Potamias, S. Sfakianakis, G. Zacharioudakis, M. Tsiknakis	International Conference on Biomedical Data & Knowledge Mining: Towards Biomarker Discovery	7-9 July 2010		Chania, Crete
Association based inference of gene networks	S. Sfakianakis	International Conference on Biomedical Data & Knowledge Mining: Towards Biomarker Discovery	7-9 July 2010		Chania, Crete

Evaluating Ontologies with NLP-Based Terminologies – A Case Study on ACGT and Its Master Ontology	G. Grigonyte, M. Brochhausen, L. Martin, M.Tsiknakis, J. Haller	6th International Conference on Formal Ontology in Information Systems, Toronto	May 11-14, 2010		Toronto, Canada
Scientific discovery workflows in bioinformatics: A scenario for the coupling of molecular regulatory pathways and gene-expression profiles	A. Kanterakis, G. Zacharioudakis, L. Koumakis, G. Potamias, S. Sfakianakis, M. Tsiknakis	13th International Congress on Medical Informatics (MEDINFO 2010)	12 - 15 Sept. 2010		South Africa
A framework supporting sharing and reuse of data and tools in translational cancer research: Lessons learned for VPH research, 4th International Advanced Research Workshop on In Silico Oncology and Cancer Investigation (IARWISO)	M.Tsiknakis, S. Sfakianakis, G. Zacharioudakis, L. Koumakis		September 2010		Athens, Greece
ACGT: Advancing Clinico-genomic trials on cancer – Four years of experience	L. Martin, A. Anguita, N. Graf, M. Tsiknakis, M. Brochhausen, S. Rueping, A. Bucur, S. Sfakianakis, H. Stenzhorn	AMIA 2010 Annual Symposium	13-15 November 2010	(rejected)	Washington DC
Advanced Wilms Tumour Scenario using the ACGT environment	Norbert Graf, Thierry Sengstag, Fatima Schera, Luis Martin, Brecht Claerhout, Holger Stenzhorn, Nasenien Nourkami, Manfred Gessler, Manolis Tsiknakis	7th International Meeting on the Biology of Childhood renal tumours	March 1-3, 2010		Banff, Alberta, Canada
Distinctive transcriptome response of two strawberry (Fragaria x ananassa) cultivars to Colletotrichum acutatum infection	Amil-Ruíz, F., Encinas-Villarejo, S., de los Santos, B., Muñoz-Mérida, A., Mercado, J. A., Trelles, O., Pliego-Alfaro, F., Romero, F., Muñoz-Blanco, J., Caballero, J. L.	IHC: International Horticultural Congress	August 2010		Lisboa, Portugal
Título Accurate evaluation of the efficacy of laser vein treatments	M.J. Martín-Vázquez, M.A.Trelles and O.Trelles	Laser Europe 2010	38837		Vila Seca, Tarragona, Spain
Using Graphics Processors for a High Performance Normalization of Gene Expressions	Andrés Rodrúiguez, Oswaldo Trelles, Manuel Ujaldon	ECCB 2010: 9th European Conference on Computational Biology	September 2010		Belgium
Web service catalogue for Biomedical GRID infrastructure	M. Garcia, J. Karlsson, O. Trelles	HealthGrid Conference 2010	June 2010		Paris, France
Workflow composition and enactment using jORCA	Johan Karlsson, Victoria Martín-Requena, Javier Ríos and Oswaldo Trelles	4th ISoLA Symposium. Int. Symposium on Leveraging Applications of Formal Methods, Verification and Validation	October 2010		Heraklion, Crete

Web-Service Based Analysis of Gene-expression Data for Cancer Patients	J. Karlsson, M. Garcia, V. Martín-Requena, O. Trelles	IARWISOCI, 4th International Advanced Research Workshop on In Silico Oncology and Cancer Investigation	September 2010		Athens, Greece
Preparing, Exploring and Comparing Cancer Simulation Results Within a Large Parameter Space	A Lunzer, R Belleman, P Melis, G Stamatakos	Proceedings of 3rd International Symposium on Information Visualization in Biomedical Informatics (IVBI)	July 2010	(in press)	London
Interface Facilities for Rapidly Exploring and Comparing Simulation Results	A Lunzer	International Workshop on Information Communication Technology (ICT 2010)	Aug 2010	(accepted)	Bangkok
Validating the ACGT Oncosimulator with a Grid-Supported Visualisation Environment	A Lunzer, R Belleman, P Melis, J Pukacki, P Spychala, G Stamatakos	Proceedings of 4th International Advanced Research Workshop on In Silico Oncology and Cancer Investigation	Sept 2010	(in press)	Athens
An Intellectual Property Framework for Trans-European Genetic Research Projects	Corrales, Marcelo	Global Security and Proactive State in the Economic Context, 13th International Legal Informatics Symposium IRIS 2010	February 2010	501-504	Salzburg, Austria
Entwurf eines Datenschutzkonzepts für Genforschungsprojekte am Beispiel des europäischen Forschungsprojektes ACGT	Arning, Marian; Claerhout, Brecht; Egermann, Eva; Forgó, Nikolaus; Kruegel, Tina	Workshop zum Thema Pseudonymisierung und ID-Management, December 2008, Technologie- und Methodenplattform für die vernetzte medizinische Forschung e.V.	upcoming		Berlin
Patient Empowerment by Ontology-based Multilingual Systems	M. Brochhausen, L. Slaughter	IFMBE Proceedings	sept-09	25/XII:439-42	Munich, Germany
Evaluating Ontologies with NLP-Based Terminologies – A Case Study on ACGT and Its Master Ontology	Grigonyte G, Brochhausen M, Martin L, Tsiknakis M, Haller J	Galton A, Mizoguchi R (eds.): Formal Ontology in Information Systems - Proceedings of the Sixth International Conference (FOIS 2010),	June 2010	131-142	Toronto, Canada
User-specific perspectives on ontologies.	Brochhausen M, Slaughter L, Stenzhorn H, Graf N	Stud Health Technol Inform. 2010	June 2010	114-21	London, UK