European Biomedical Informatics Gateway

TOPIC: *The impact of genomics research in clinical information systems*

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“INFOBIOMED Gateway is a repository for compiling, organizing and disseminating the latests news about Biomedical Informatics, mainly in Europe but also in the rest of the world.”

Structuring European Biomedical Informatics to Support Individualised Healthcare, funded by the Information Society Directorate-General of the European Commission, within the VI Framework Programme for Research and Technological Development.

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INFOBIOMED News

The **10th INFOBIOMED Consortium Meeting** was held in **Girona, Spain**, last **12th and 13th of February, 2007.**

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INTERNATIONAL SYMPOSIUM ON BMI IN EUROPE
Barcelona, Spain 25-27 June, 2007

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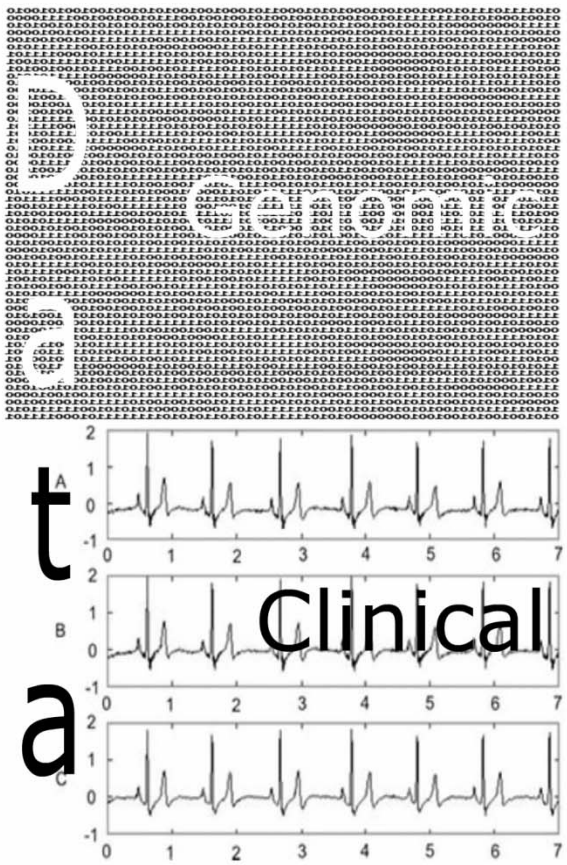
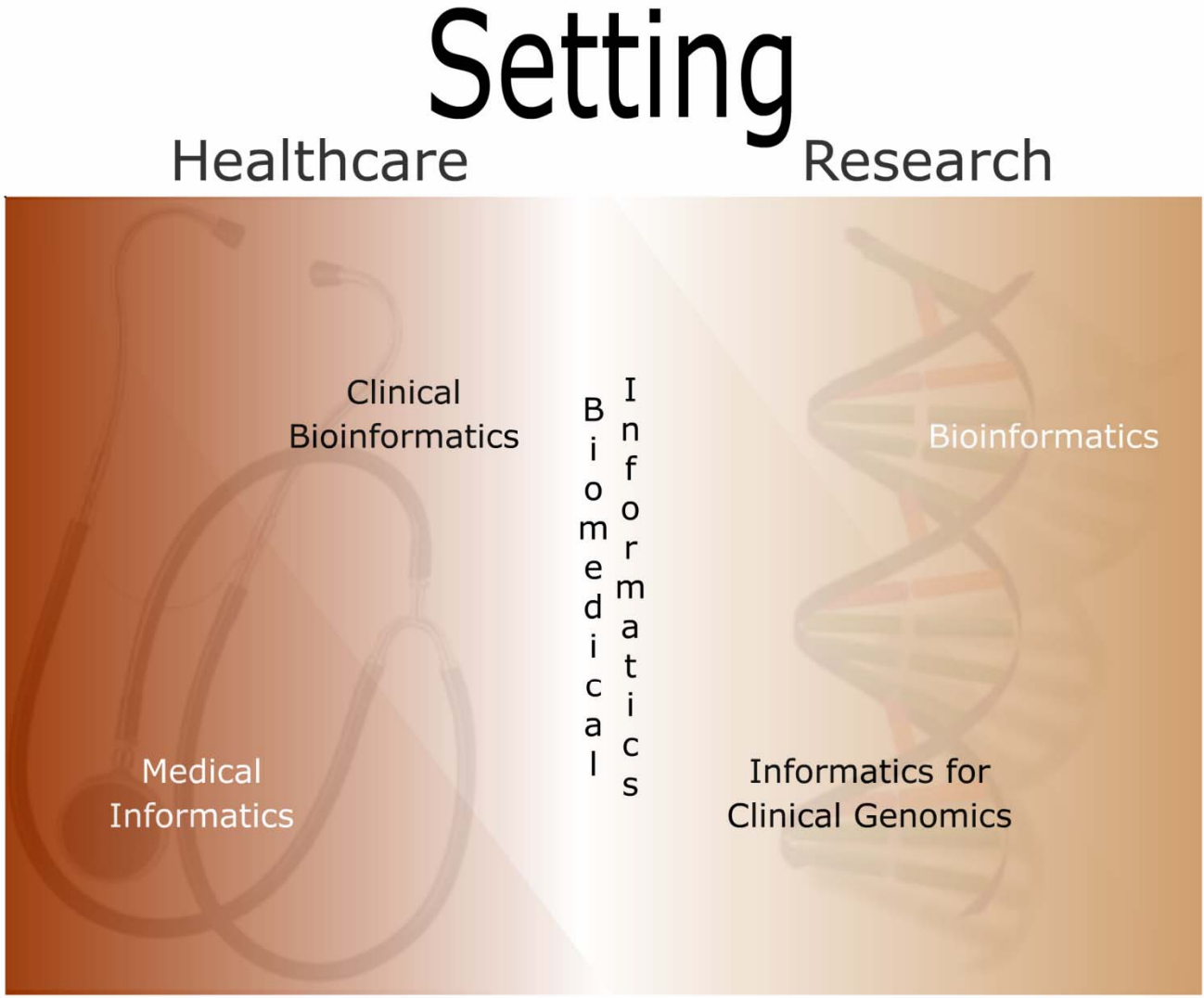
What is Biomedical Informatics?





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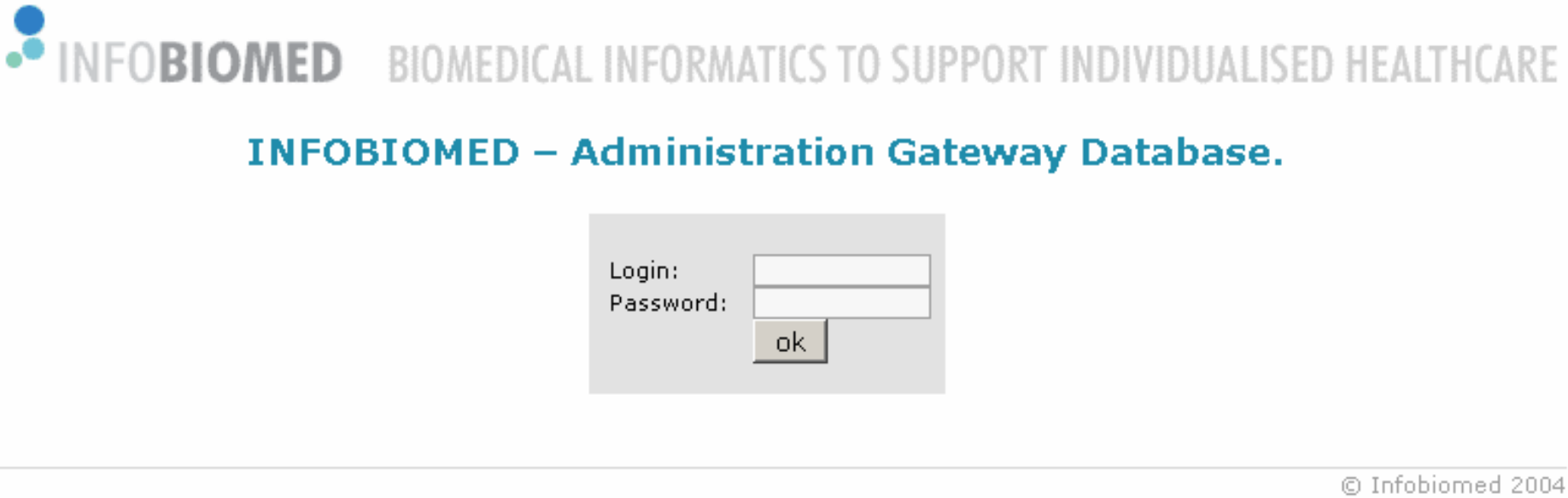
“Biomedical Informatics Gateway” is a database designed with SQL server and implemented with PHP so it can be scale easily and updated from any computer through a secure access protected by a user id and a password.



Administration Gateway Database: structure

Events & announcements	Training Repository	Links
ID Title Date Location Country Topics/Entities Status Insert Date Last Updated User		ID Title Topics/Entities Status Insert Date Last Updated User

Links

ID	Title	Topics/Entities	Status	Insert Date	Last Updated	User
128	A Developer's Overview of OGSI and OGSI-based Grid Computing		✔	20/04/2005	04/05/2005 12:48	fjvicente
244	ACM Special Interest Group on Knowledge Discovery and Data Mining (SIGKDD)		✔	06/05/2005	16/05/2005 14:19	fjvicente
321	AHIMA: American Health Information Management Association		✔	14/10/2005	07/12/2005 10:47	fjvicente
194	AMIA - Formal (Bio)Medical Knowledge Representation Working Group (KR-WG)		✔	26/04/2005	07/12/2005 10:47	fjvicente
267	AMIA - Genomics Working Group (GEN-WG)		✔	12/05/2005	07/12/2005 10:47	fjvicente
246	AMIA - Knowledge Discovery and Data Mining Working Group (KDDM-WG)		✔	06/05/2005	07/12/2005 10:47	fjvicente
178	AMIA - Open Source Working Group (OS-WG)		✔	25/04/2005	07/12/2005 10:47	fjvicente
383	AMIA - Working Groups Clinical Trials (CT-WG)		✔	10/03/2006	03/05/2006 11:24	fjvicente
345	American College of Medical Genetics		✔	08/11/2005	07/12/2005 10:48	fjvicente
210	American Medical Informatics Association (AMIA)		✔	26/04/2005	16/05/2005 14:20	fjvicente
427	American Society for Microbiology (ASM)		✔	18/05/2006	03/07/2006 10:43	fjvicente
495	American Telemedicine Association		no data	22/01/2007	22/01/2007 14:15	NVILLAHOZ
269	Applied Bioinformatics		✔	12/05/2005	07/12/2005 10:48	fjvicente
197	Asian Institute of Technology - Knowledge Representation Laboratory		✔	26/04/2005	04/05/2005 12:49	fjvicente
494	Association of Telehealth Service Providers		no data	22/01/2007	22/01/2007 14:15	NVILLAHOZ
236	BIOHEALTH NORWAY		✔	06/05/2005	16/05/2005 14:20	fjvicente
36	BIOINFOMED		✔	21/12/2004	13/01/2005 14:50	fjvicente
37	BIOPATTERN		✔	21/12/2004	11/09/2006 10:59	fjvicente
35	BioGRID		✔	21/12/2004	23/05/2005 12:55	fjvicente
192	Bioinfomed Study: Standards		✔	26/04/2005	26/04/2005 13:58	fjvicente
237	Bioinformatics		✔	06/05/2005	16/05/2005 14:21	fjvicente
323	CLEF - integrating information for the clinical e-Scientist		✔	14/10/2005	07/12/2005 10:48	fjvicente
171	CORBA Interoperability approved as ISO Standard		✔	25/04/2005	26/04/2005 13:56	fjvicente
403	CPOCT Division (Critical and Point of Care Testing) of the American Association for Clinical Chemistry (AACC)		✔	17/05/2006	11/09/2006 11:00	fjvicente
351	Canadian Paediatric Society: Guidelines for genetic testing of healthy children		✔	01/12/2005	07/12/2005 10:49	fjvicente
497	Cancer Genetics - Virtual Outreach Clinics Pilot		no data	22/01/2007	22/01/2007 14:20	NVILLAHOZ
235	Chinese Gene Variation Database (CGVdb): 90 Phenotypes Online		✔	06/05/2005	16/05/2005 14:21	fjvicente
433	Clinical Discovery		✔	19/06/2006	03/07/2006 10:52	fjvicente
350	Clinical Genetics Society		✔	01/12/2005	07/12/2005 10:50	fjvicente
426	Clinical Microbiology Reviews		✔	18/05/2006	03/07/2006 10:46	fjvicente
337	Clinical Molecular Genetics Society: Best practice guidelines		✔	08/11/2005	07/12/2005 10:51	fjvicente
262	Computer Scientists Develop Tool for Mining Genomic Data		✔	10/05/2005	16/05/2005 14:22	fjvicente
376	Contract Research Organization (CRO) for Clinical Trials		✔	10/03/2006	03/05/2006 11:28	fjvicente
170	CoreGRID		✔	25/04/2005	26/04/2005 13:56	fjvicente

INFOBIOMED – Administration Gateway Database.

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Topics and Entities of Activity

A Developer's Overview of OGSI and OGSI-based Grid Computing

Entities

- [x] Standards
- [ ] Congresses
- [ ] Working Groups
- [ ] Books and Papers
- [ ] Scientific Projects
- [ ] Journals
- [ ] Scientific Societies
- [ ] Organizations
- [ ] Online Services and Databases

Topics

- [x] High computational requirements: Grid
- [ ] Security for genetic data
- [ ] Interoperability systems
- [ ] Knowledge representation
- [ ] Data & text mining
- [ ] Phenotype databases
- [ ] Disease reclassification
- [ ] Pharmacogenomics
- [ ] Genetic data in Electronic Health Record
- [ ] Clinical Guidelines
- [ ] Telegenetics
- [ ] Methods needed for stratifying patients
- [ ] Point of Care data acquisition systems
- [ ] Microbial genomics
- [ ] Molecular and functional imaging
- [ ] Modelling & simulation
- [ ] Populational repositories
- [ ] e-Learning
- [ ] Initiatives integrating several Research Lines

UPDATE

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Events

Past events

2007 AMIA Spring Congress
May 22 - 24, 2007 - Orlando, United States

Collaboration, Communication: Challenges for Healthcare and Opportunities for eHealth
May 24 - 25, 2007 - Rome, Italy

ICMCC Event 2007: Annual Conference of the International Council on Medical & Care Compunetics
June 8 - 10, 2007 - Amsterdam, Netherlands

Reasoning with Biomedical Information: Training Course in Logic for Biomedical Research
June 20 - 23, 2007 - Dagstuhl, Germany

International Symposium on Biomedical Informatics in Europe
June 25 - 27, 2007 - Barcelona, Spain

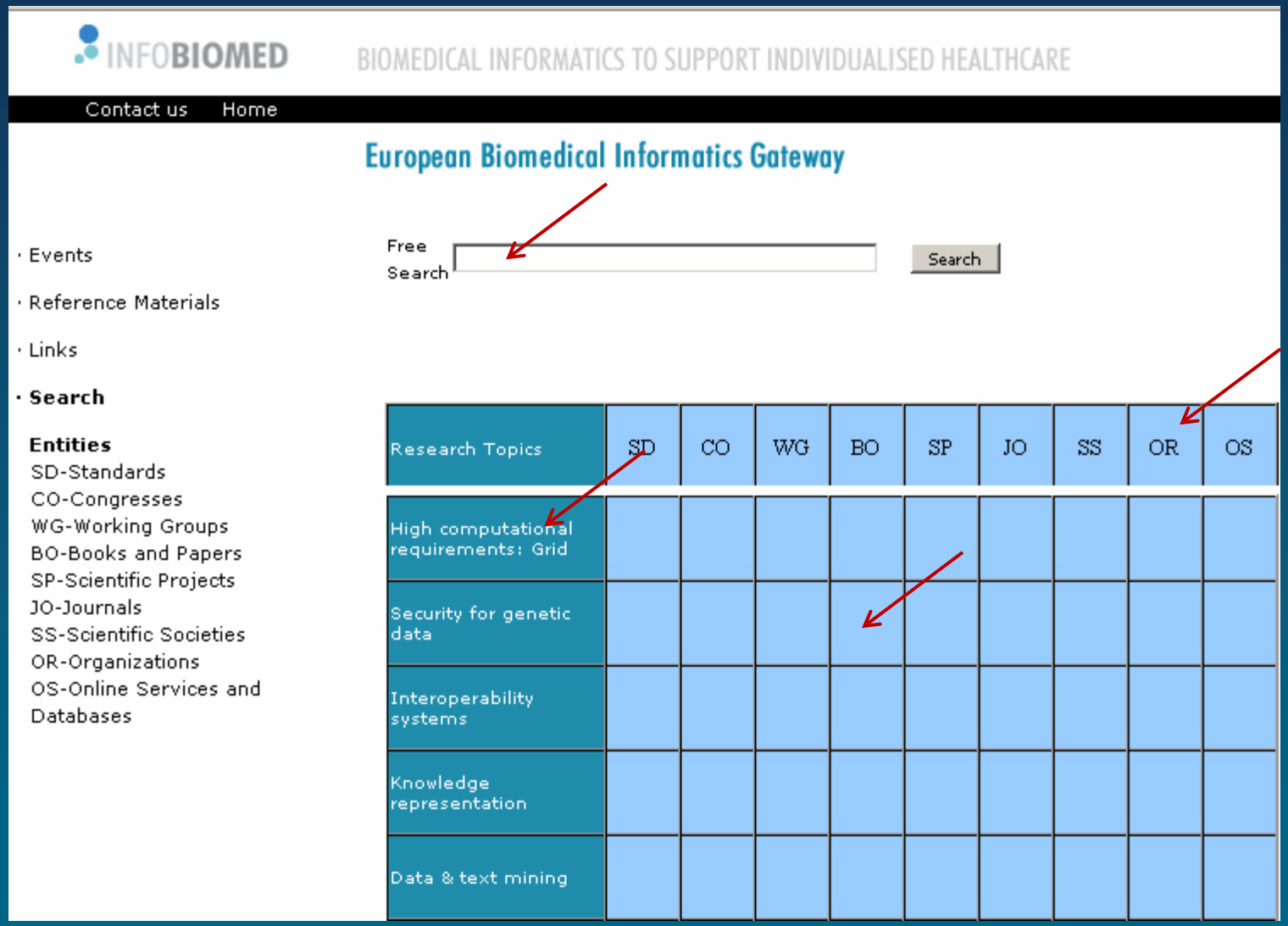
8th Asia-Pacific Complex Systems
July 2 - 5, 2007 - Gold Coast, Australia

International Symposium on Bio-Medical Informatics and Cybernetics: BMIC 2007
July 8 - 11, 2007 - Orlando, Florida, United States

CIMED2007: Third International Conference on Computational Intelligence in Medicine and Healthcare
July 25 - 27, 2007 - Plymouth, United Kingdom

Medinfo 2007
August 20 - 24, 2007 - Brisbane, Australia

Four searching modes



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Entities
SD-Standarc
CO-Congres
WG-Working
BO-Books ar
SP-Scientific
JO-Journals
SS-Scientific
OR-Organiza
OS-Online S
Databases

O SS OR OS

http://www.infobiomed.net - INFOBIOMED : Biomedical Informatics in Euro...

European Biomedical Informatics Gateway

Topic: Knowledge representation
Entity: Congresses

Events and announcements

CIMED2007: Third International Conference on Computational Intelligence in Medicine and Healthcare
July 25 - 27, 2007 - Plymouth, United Kingdom

Medinfo 2007
August 20 - 24, 2007 - Brisbane, Australia

eHealth: Combining Health Telematics, Telemedicine, Biomedical Engineering and Bioinformatics to the Edge
December 2 - 5, 2007 - Regensburg, Germany

Terminado

Clinical Guidelines

Acknowledgments

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