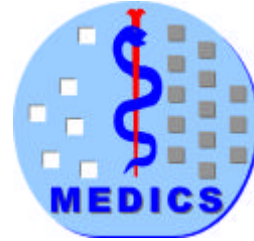


# MEDICS

Access to Expertise and Technologies



## MEDnews 2/1999 October 6, 1999

Welcome to the second electronic newsletter of MEDICS, the European Centre of Competence for Biomedical Microdevices, as a special service for our friends and partners.

MEDICS has been initiated within the European programme EUROPRACTICE in 1997. MEDICS is hosted by the Fraunhofer Institute for Biomedical Engineering (FhG-IBMT) in Sulzbach, Germany and by the Centro Nacional de Microelectronica in Bellaterra, Spain.

The MEDICS Newsletter provides you with information on services and activities related to development and applications of Biomedical Microdevices.

-> You can find details on our services and activities on the following webpages:

[http://medics.ibmt.fhg.de/about\\_us1.htm](http://medics.ibmt.fhg.de/about_us1.htm)

<http://medics.ibmt.fhg.de/services1.htm>

-> Please contact us - <mailto:medics@ibmt.fhg.de>

- send your comments and / or inquiries.

- send the e-mail address of individuals that should be added to our mailing list.

- send a note if you would like to be deleted from this mailing list.

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Yours sincerely

Andreas Schneider

MEDICS Project Manager

c/o Fraunhofer IBMT

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D-66280 Sulzbach

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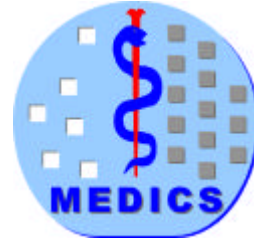
Fax: +49 (0)6897/90 71 49

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----- M E D I C S N E W S 2/99 - October 6, 1999 -----

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Topics

1. MEDICS Spotlights
2. MEDICS Services
3. Workshop on Cytotoxicity Testing
4. News of MEDICS Partners

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1. MEDICS Spotlights

Since its initiation in October 1997 MEDICS has established more than 300 personal contacts to key persons in device manufacturing, clinical research and technological/biomedical services that are involved in the development and application of microdevices in medicine. Information on more than 1.000 relevant organisations in Europe involved in biomedical microdevices has been gathered. Apart from the profound technical and biomedical background of the IBMT and CNM this information builds an important stake for MEDICS' expertise and services.

MEDICS has organised very successful specialised workshops on 'Micropackaging and Interconnection Technologies for Innovative Biomedical Devices', 'Reliable Design of Biomedical Devices', 'Low Power Circuitry' and 'Low Power - Low Noise Microelectronics for Biomedical Applications'.

-> For more detailed information on our workshops (abstracts of presentations), please contact us! <mailto:medics@ibmt.fhg.de>

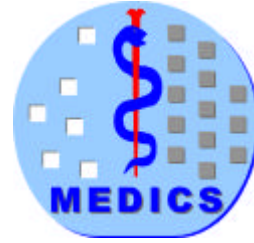
Starting with 200 organisations in May 1999, our Biomedical Web Search Engine comprises now about 600 organisations relating to biomedical microdevices. The database already had more than 400 visitors.

-> Become visible in the scene of Biomedical Microdevices!

If your organisation wishes the free registration, please send us an email providing the URL of your webpage. The next update run is planned for November 1999. <mailto:medics@ibmt.fhg.de>

-> For more information and access to the web search engine, please visit:

<http://medics.ibmt.fhg.de/database1.htm> (please use the guest account).



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## 2. MEDICS Services

Are you looking for miniaturised components like pressure-, temperature- or IR-sensors, micropumps, microelectrodes or microinterconnects for biomedical applications? Or do you want to find out about the state of the art of these components? MEDICS provides you information and technology access and supports you in finding the appropriate co-operation partners in Europe.

MEDICS carries out feasibility assessment and concept evaluation.

MEDICS understands that the co-ordination of interdisciplinary projects in biomedical device developments is a complex task. Implementing the right communication channels between all partners involved may decide on the success of your project. In your internal, bilateral or multi-partner R&D-projects, MEDICS offers to assist you in the definition phase and to carry out management tasks.

Different companies, r&d institutes and public authorities already make use of our services.

-> For detailed information on our services, please contact us!

<mailto:medics@ibmt.fhg.de>

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## 3. Workshop on Cytotoxicity Testing

On October 27 and 28, 1999, a workshop on Cytotoxicity Testing will take place at Fraunhofer IBMT in St. Ingbert, Germany. The workshop addresses the topic of management and realisation of Cytotoxicity Studies according to ISO 10993/EN 30993. It will be held in German language.

-> For more information please contact Mr. Sascha Wien of the Biohybrid Systems Group at IBMT (+49 6894/980-278 or +49 6894/980-279).

-> For more information on the Biohybrid Systems Group at IBMT, please visit:

[http://www.ibmt.fhg.de/public\\_e/Arbeitsgebiete/biohybrid.htm](http://www.ibmt.fhg.de/public_e/Arbeitsgebiete/biohybrid.htm)

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## 4. News of MEDICS Partners

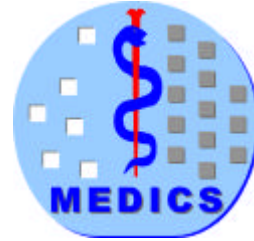
IMM GmbH at Biotechnica '99

The MEDICS partner 'IMM GmbH' (Institute of Microtechnology, Mainz) will be present at the Biotechnica 99 from October 5 to 7, 1999 in Hannover. The Biotechnica is an international fair for biotechnology. The IMM will present at their booth (hall 4, K41) different samples like microreactors and nano titer plates for pharmaceutical applications, microfluidic components for 'Labs on a chip', chips for biosensors,

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-> For more information on products and services of the IMM, please visit:

<http://www.imm-mainz.de>

-> For more information on the Biotechnica 99, please visit:

<http://www.messe.de/bio99>

IMM GmbH at MEDICA 99: Lecture series 'Mikrotechniken in der Medizin'

Several presentations on the subject "Microtechnologies in Medicine" will be offered at the MEDICA 99 in Düsseldorf on November 19, 1999 from 10:00 am to 11:00 am in German language. IMM GmbH will give a presentation on 'Gegenwärtige und zukünftige Anwendungen der Mikrotechnik in der Medizin'.

-> For more information, please contact Dr. Patrick Wagler:

<mailto:wagler@imm-mainz.de>

--- MEDICS NEWS 2/99 - Thank you very much for your attention ---