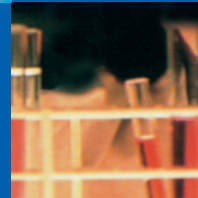
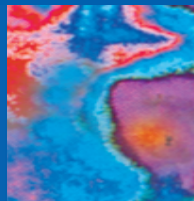


6th EULAR Course in Diagnostic Laboratory Testing in Conjunction with AutoCure

September 2 – 4, 2010
Berlin, Germany



We would like to welcome you to the 6th EULAR Autoimmunity Course at the Charité- University Hospital in Berlin. The course is designed for clinicians and scientist with an interest in serologic and genetic markers for diagnosis of systemic autoimmune diseases. The meeting includes three days of lectures, traineeships (with hands on exercises) and discussions on basic and exciting topics of autoimmunity including cutting edge technology.

A maximum of 25 participants will be admitted. The course is open to colleagues from all over the world.

Main topics:

- ANA/ANCA- Immunofluorescence
- Detection of autoantibodies by ELISA and Immunoblotting
- Principles and clinical usage of Luminex technology, Micro-arrays and PCR
- Flow cytometry
- Serologic and genetic markers for RA
- Significance of immune profiles and cytokines
- Systemic lupus erythematosus and Anti-Phospholipid Syndrome

Invited speakers:

Allan Wiik
Graham Hughes
Gerd Burmester
Pierre Miossec
Johan Rönnelid
Falk Hiepe
Thomas Dörner
Eugen Feist
Thomas Häupl
Karl Skriner
Andreas Grützkau
Lorena Martinez-Gamboa

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|------------------------|--|
| Venue | Charité – Universitätsmedizin Berlin Department of Rheumatology and Clinical Immunology Charitéplatz 1, 10117 Berlin |
| Hotel | Adina Apartment Hotel Berlin Hauptbahnhof Platz vor dem Neuen Tor 6, 10115 Berlin Phone +49 (0)30 200 03 20 Fax +49 (0)30 200 032-599 |
| Congress Agency | GCM Gedel Congress Management GmbH Robert-Koch-Platz 7, 10115 Berlin Phone +49 (0)30 22 48 83 90 Fax +49 (0)30 22 48 83 89 www.gedel-cm.de |

Program

Thursday, 2.9.2010

Main topic detection of autoantibodies by IIF, ELISA and Immunoblotting

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|--------------|---|------------------|
| 09.00 | Welcome/ Introduction | Gerd Burmester |
| 09.00 | Lecture: Serologic and genetic markers for RA | Gerd Burmester |
| 10.00 | Lecture: HEp-2 cell staining patterns, titers, nomenclature, autoantigens, clinical use | Falk Hiepe |
| 10.30 | Lecture: Immunoassay quality assurance | Johan Rönnelid |
| 11.00 | Coffee | |
| 11.30 | Case presentation with demonstration of IIF-results (Video projection) | Thomas Dörner |
| 12.00 | Discussion/questions | All Participants |
| 12.10 | Lunch and leisure time, visit to commercial exhibition | |
| 14.00 | Lecture: Diagnostic use of ANCA/NSA | Allan Wiik |
| 14.30 | Case presentation with demonstration of IIF-results (Video projection) | Eugen Feist |
| 15.00 | Discussion/questions | All Participants |
| 15.15 | Coffee | |
| 16.00 | Lecture: Significance of immune profiles and cytokines | Pierre Miossec |
| 16.30 | Key note Lecture: Lupus and clinical subsets | Graham Hughes |
| 17.30 | Discussion/questions | All Participants |
| 18.00 | Adjourn | |

Friday, 3.9.2010

Main topic Practical Issues of IIF

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|--------------|--|------------------|
| 09.15 | Lecture: Principles of IIF techniques | Thomas Dörner |
| 09.30 | Practice: Serum application (HEp-2 and ANCA) | All Participants |
| 09.45 | Demonstration: Buffy coat isolation/ smearing | Allan Wiik |
| 10.15 | Practice: Washing slides and application of secondary antibody | All Participants |
| 10.45 | Coffee | |
| 11.00 | Practice: Washing slides/cover glass application | All Participants |
| 11.30 | Practice: Learning HEp-2 cell reading at microscope screens | All Participants |
| 12.00 | Discussion/questions. | All Participants |
| 12.10 | Lunch and leisure time, visit to commercial exhibition | |
| 14.00 | Practice: Reading HEp-2 cell results at microscopes. | All Participants |
| 14.30 | Lecture: Neutrophil-specific autoantibodies /ANCA | Allan Wiik |
| 15.00 | Practice: Reading ANCA and NSA at microscopes. | All Participants |
| 15.30 | Coffee | |
| 16.00 | Lecture: Algorithms for autoantibody cascade testing | Falk Hiepe |
| 16.30 | Guided lab tour | All Participants |
| 17.30 | Adjourn | |

Saturday, 4.9.2010

Main topics Cytokines, Proteomics and Genomics

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|--------------|---|--------------------------------------|
| 09.00 | Lecture: Anti-phospholipid antibodies. | Thomas Dörner |
| 09.30 | Lecture: Automated Evaluation of ANA-Diagnostics | Eugen Feist |
| 10.00 | Lecture: Luminex technology - clinical application | Karl Skriner |
| 10.30 | Coffee | |
| 11.00 | Lecture: PCR – Principle and application | Lorena Martinez-Gamboa |
| 11.30 | Lecture: : Principle and application of FACS Guided tour DRFZ | Andreas Grützkau All Participants |
| 12.00 | Lunch and leisure time, visits to commercial exhibitions | |
| 14.00 | Lecture: Complement system | Johan Rönnelid |
| 14.30 | Practice and Demonstration: PCR, cycler demonstration | All Participants |
| 15.15 | Coffee | |
| 15.45 | Demonstration: Visualization of PCR products (Gel-electrophoresis) | All Participants |
| 16.00 | Farewell lecture: Lessons from transcriptome analyses- from research to clinical application | Thomas Häupl |
| 16.30 | Summary, course evaluation and farewell | Feist/ Dörner |