Dear Visitors,

spring is probably the most attractive time of the year in Prague, particularly the month of May. I am therefore delighted that you have chosen this time for the EUROMEDLAB 2001 Congress.

I am confident that our newly refurbished Prague Congress Centre will prove a most agreeable and well organized venue for the meeting of such an illustrious medical association. I hope that the participants will find some time to visit the centre of Prague and sample its beauty and hospitality.

It would give me great pleasure if our city were to become a host city for future meetings of EUROMEDLAB 2001 so please come and judge for yourselves just how beautiful and hospitable Prague truly is.

I wish you a stimulating and fruitful meeting.

Jan Kasl
Lord Mayor of Prague

Dear Colleagues,

On the behalf of the Organising Committee I would like to invite you to EUROMEDLAB 2001, to welcome you to Prague, to welcome you to the city, whose University was founded by Charles IV, King of Bohemia and Emperor of Rome, the city where-as fables have it- the wise rabbi Jehuda Liva Ben – Becalel created Golem, where alchemists failed to prepare the elixir of eternal youth for Emperor Rudolph II, so that he had to seek solace in his famous art collections, the city, where Mozart composed his music, Franz Kafka wrote his novels, where Albert Einstein lectured physics at the university. To welcome you to Prague, where Laufberger discovered the molecule of ferritin, Meloun described the primary structure of human albumin and Heyrovsky gave polarography to mankind.

I wish that EUROMEDLAB 2001 be a successful and dignified continuation of the hundred years’ tradition of harmonic cultivation of science, art, music and architecture in the full bloom of the coming spring when Prague is most beautiful.

I hope that you find participation at the EUROMEDLAB 2001 to be valuable and I wish you a scientifically rewarding and personally memorable stay in Prague.

Professor Miroslav Englis
Chairman of Organising Committee

Dear readers,

We are delighted to present you the 2nd issue of EUROMEDLAB News. In this issue, we would like to present more the social programme, a more detailed form of the scientific programme of the prepared congress and other complementary information.

We are honoured to have the opportunity to invite you to the EUROMEDLAB 2001 congress which we organise, and to inform you by press about the final stage of congress preparations.

We are happy to announce that

Dr. Larry Kricka, President of AACC,

has accepted invitation to EUROMEDLAB with plenary lecture „Microchips – New Analytical Tools“ and will support the scientific program.

For the Organising Committee
Miroslav Verner

Organ Concerts
Organ concerts in churches have their tradition at all congresses and we will gladly continue it. We have a large choice. To create optimal conditions for your musical experience we have chosen, not only one church, but two.

St. Nicholas Church
This church, built between 1704 and 1755, is the most significant historical structure of Prague Baroque. The architects were G. Santini, K. I. Dienzenhofer, and A. Lurago.

The Municipal House
It was built as a cultural centre in the beginning of our century and about thirty of the leading artists co-operated on it. This is one of the most precious treasures of “Art Nouveau” style, containing rich decoration inside and on the outside (Mucha, Myslbek, Saloun, Svacina, Ales, Zenisek). It was here, where the new independent Czechoslovak Republic was proclaimed on October 28, 1918. It houses Prague’s largest concert hall – the Smetana Hall. On the first floor there are many parlors – the most famous being the Lord Mayor’s, decorated by Alphons Mucha.

You are sincerely welcome. Not that often will you have the opportunity to spend an evening in surroundings that could immediately become a museum.

To make the happiness complete, it is necessary to satisfy all the senses. Your ears will be filled with music, your eyes can feast on the known faces or on the beauty created by the genius of human hands that will surround you. For your smell and taste we have prepared different culinary temptations, and the choice you will make will depend only on your touch.

To be continued on page 3

To be continued from page 2

St. James Church
The church was founded in 1232 as the church of Minorite friary and finally rebuilt in Baroque style between 1689 and 1739 with fine reliefs on the facade and a richly furnished interior. The main designers were: J.B. Fischer von Erlach, F.M. Brokoff and W.L. Reiner. The church has excellent acoustics.

Music on the streets
And if you want to see the musicians in Prague’s streets and get to know them, the best will be found at the most visited places in Prague and its surroundings.

The central point of the Old Town (Stare Mesto) is the Old Town Square. There is the John Huss monument located on it. In the neighbourhood, there is the native house of Franz Kafka with a memorial devoted to him and his life. The Old Town Hall was founded in the 14th century and became the symbol of the municipal rulers. Without any doubt, the greatest attraction is the Astronomical Clock, one of the oldest in Europe, on its southern facade. For half a millennium every hour all 12 apostles appear, one after the other, in the top part of the clock. An excursion through the interiors of the Old Town Hall is possible as well as the opportunity to enjoy the spectacular view from the top of the tower. The Church of Our Lady in Front of Tyn dominates the Old Town Square. The skyline of the Gothic church with its two towers from the 14th century is a symbol of Prague. Its interior contains also the tomb of the Danish astronomer Tycho de Brahe.

Music above the Vltava
It is highly probable, that you’ll find the most intensive musical experience on Charles Bridge. Charles Bridge is the oldest Prague bridge, and one of the oldest in Europe. Its construction began in 1357 during the reign of Charles IV. It connects the Lesser Town with the Old Town and is fortified on both sides by towers. Mainly, the Old Town Bridge Tower is very attractive, due to its sculpted decorations and the beautiful view from its top. The bridge has a unique combination of Gothic structure and Baroque statues. This world famous gallery of 30 Baroque statues on Charles Bridge was inspired by the Angelic Bridge in Rome.

From one of its sides you can appreciate the majestic panorama of the Prague’s Castle, on the other side, your eyes will be taken by the river, its mightiness, its fluidity, its romantic character. Your second look will show you the magic of Prague’s river side. And after your eyes are satiated, the right time will come to lean on the almost six hundred years old railing, listen to the sea gull’s screams and tones of music and let yourself dream for a moment.

Gala Dinner
We have one more cultural event waiting for you. The final evening at the Brevnov Monastery. Prayers and thoughts fit best between these thousand years old walls, but it is also a suitable place for final balancing and assessments as well as for farewells. And to make the farewell a little less sad, we have again prepared for you a rich entertaining programme. Dinner will be served to the sounds of the period quartet, after the dinner is finished, you will be invited to the monastery atrium to taste superior an archival Moravian wines and assorted Czech cheeses. The wine tasting will be accompanied by Czech and Moravian folk music.

You are sincerely welcome on behalf of the cultural commision Lenka Novakova
Symposia

S01 Management in the Clinical Laboratory
(under the auspices of Finnish Society for Clinical Chemistry)
Sunday, May 27th 13:45 - 16:00 DVORAK
Chairpersons:
Leitinen, P. (Finland)
Seppala, E. (Finland)

Lectures:
Integration Strategies in Clinical Laboratory - Different Aspects of Consolidation
Heikkinen, R. (Finland)
The Future of Public Clinical Laboratories - Cooperation and Co-competition
Seppala, E. (Finland)
Managing Point-of-Care Testing
Puhakainen, E. (Finland)
FESC Survey of the Management of the Clinical Laboratory in Europe
de Kiewiet, W. (The Netherlands)

S02 Education in Clinical Chemistry and Laboratory Medicine
(under the auspices of Danish Society for Clinical Pathology)
Sunday, May 27th 13:45 - 16:00 JANACEK
Chairpersons:
Soerensen, S. (Denmark)
Racek, J. (Czech Republic)

Lectures:
Harmonizing the Training in Medical Biopathology in Europe
Theodorsson, E. (Sweden)
Recommendations for Improvements of the Specialist Training in Clinical Biochemistry in Denmark
Soerensen, S. (Denmark)
CEEPS as an Important Framework for University Cooperation in Biomedicine
Sorantin, E., Juretic, D. (Austria, Croatia)
Reporting Diagnostic Accuracy - How to Improve the Evidence Base?
Magid, E. (Denmark)

S03 Training and Practice in Evidence Based Laboratory Medicine
(under the auspices of Hungarian Society of Clinical Pathology)
Sunday, May 27th 13:45 - 16:00 SMETANA
Chairpersons:
Horvath, R. (Hungary)
Sandberg, S. (Norway)

Lectures:
Evidence-Based Laboratory Medicine - Do we Need it?
Horvath, A. R. (Hungary)
Are Systematic Reviews Systematic in Laboratory Medicine?
Oosterhuis, W. (The Netherlands)
Evidence-Based Laboratory Medicine: From Primary Research to Clinical Guidelines
Sandberg, S. (Norway)
Improving Medical Guidelines for the Management of Primary Lung Cancer Using Evidence-Based Laboratory Medicine
Watte, J. (France)
Combining the Evidence with the Patient

S04 EBM in Coronary Heart Diseases - The Role of Inflammation
(under the auspices of Swedish Society for Clinical Chemistry)
Monday, May 28th 10:00 - 12:15 DVORAK
Chairpersons:
Hansson, G. K. (Sweden)
Simonsson, P. (Sweden)

Lectures:
The Immunology of Atherosclerosis
Hansson, G. K. (Sweden)
Lipoprotein Autoimmunity in Cardiovascular Disease
Nilsson, J. (Sweden)
Endocrinology of Endothelium
Vinikka, L. (Finland)
Lipoprotein Lp(a) - Friend or Foe?
Nilsson-Ehle, P. (Sweden)
Clinical Relevance of Inflammatory Markers in Coronary Heart Disease
Zieher, A. M. (Germany)

S05 Analytical Goals in Relation to Clinical Needs - Example: Diabetes
(under the auspices of Norwegian Society for Clinical Chemistry)
Monday, May 28th 10:00 - 12:15 JANACEK
Chairpersons:
Sandberg, S. (Norway)
Petersen, P.H. (Denmark)

Lectures:
Quality Specifications Based upon Clinical Needs. Example: Monitoring of Blood Glucose
Sandberg, S. (Norway)
Quality Specifications Based upon Assessing the Subgroup Population Fluctuation in the Number of Patients Exceeding the Guideline Threshold Value. Example: Glucose Klee, G. G. (U.S.A.)
Effects of Systematic and Random Factors on Fasting Plasma Glucose and Thereby on the Diagnosis of Diabetes
Petersen, P.H. (Denmark)
Quality Specifications for HbA1c Based upon Clinicians’ and Patients’ Opinions
Skene, S. (Norway)
Quality Specifications for HbA1c Based upon Clinical Utility and Treatment Goals
Jorgensen, L. (Denmark)

S06 Patient Outcomes and Laboratory Medicine
(under the auspices of UK Association of Clinical Biochemists)
Monday, May 28th 10:00 - 12:15 SMETANA
Chairpersons:
Price, C.P. (United Kingdom)

Lectures:
Introductory Remarks
Price, C.P. (United Kingdom)
Designing Outcomes Studies
Lijmer, J. (The Netherlands)
Exploiting Clinical Databases in Outcomes Research
Jones, R. (United Kingdom)

S07 Molecular Biology and Technological Aspects
(under the auspices of Japanese Society for Clinical Chemistry)
Tuesday, May 29th 10:00 - 12:15 DVORAK
Chairpersons:
Kanno, T. (Japan)
Ueda, K. (Japan)

Lectures:
Membrane Arrays for Gene Expression Estimation
Brulcic, R. (Czech Republic)
Loop-mediated Isothermal Amplification (LAMP) of DNA
Notomi, T. (Japan)
RNA Diagnosis Using Biopsied Samples
Takano, T. (Japan)
Extra-highly Sensitive Multi-fluorescent in Situ Hybridisation (FISH)
Kawaguchi, R. (Japan)
Transcription-reverse Transcription Concerted Reaction (TRC) Using Intercalation-activating Fluorescent (DNAC) Probe
Ishiguro, T. (Japan)

S08 Cellular Iron Distribution: From Genetics to Clinical Outcomes
(under the auspices of Belgian Society for Clinical Chemistry)
Tuesday, May 29th 10:00 - 12:15 JANACEK
Chairpersons:
Delanghe, J. (Belgium)

Lectures:
Genetics of Cellular Iron Distribution
Muckenhalter, M. (Germany)
Hemochromatosis
Pietrangelo, A. (Italy)
Non-Hemochromatosis - Genetics of Iron Overload
Gordeuk, V. (U.S.A.)
Haptoglobin Polymorphism and Iron
Delanghe, J. (Belgium)
HIV and Iron
Boelhaar, J. (Belgium)

S09 Pharmacogenetics, Pharmacogenomics and Drug Development
(under the auspices of French Society of Clinical Chemistry)
Tuesday, May 29th 10:00 - 12:15 SMETANA
Chairpersons:
Beaune, P.-H. (France)

Lectures:
Xenobiotic Metabolism and Pharmacogenetics
Beaune, P. (France)
Genetic Polymorphisms of Xenobiotic Metabolizing Enzymes - Relation: Structure/Function
Broy, F. (France)
Clinical Implications of Pharmacogenetics
Beccquemont, L. (France)
Pharmacogenomics
Deneffe, P. (France)
Pharmacogenic of Cytochrome P450
Topic, E. (Croatia)

S10 Harmonisation by Registration, Accreditation and Calibration in Clinical Chemistry
(under the auspices of FESCC and ECA)
Wednesday, May 30th 10.00 - 12.15 DVORAK
Chairpersons:
Blaton, V. (Belgium)
Jansen, R. (The Netherlands)

Lectures:
EC4 Register of European Clinical Chemists: Progress and Status
Gurr, E., Zerah, S. (Germany)
Accreditation according ISO15189: EC4 Essential Criteria as Guide
Huisman, W., Kenny, D., Burnett, D. (The Netherlands, Ireland, United Kingdom)
Queralto, J. (Spain)
Calibration 2000: EQAS Produced Commutable Secondary Calibrators for your Laboratory
Keypers, A., Baadenhuisen, H., Jansen, R. (The Netherlands)
FESCC and EC4: the Future of Clinical Chemistry in Europe
Jansen, R., Blaton, V. (The Netherlands, Belgium)

S11 Point-of-Care-Testing in Hospitals: A Challenge for the Clinical Laboratory
(under the auspices of German Society for Clinical Chemistry)
Wednesday, May 30th 10.00 - 12.15 JANACEK
Chairpersons:
Schlebusch, H. (Germany)

S12 Computers and Clinical Laboratory
(under the auspices of Spanish Society for Clinical Biochemistry and Molecular Pathology)
Wednesday, May 30th 10.00 - 12.15 SMETANA
Chairpersons:
Rius, M. C. (Spain)
Queralto, J.M. (Spain)

S13 Neuroactive Steroids and Endocrine Disruptors
(under the auspices of Czech Society for Clinical Biochemistry)
Thursday, May 31st 14.45 - 17.00 DVORAK
Chairpersons:
Starka, L. (Czech Republic)
Morfin, R. (France)

Lectures:
Catecholamines, Steroids and their Interaction and Modulation in the Central Nervous Systems
Zinder, O. (Israel)
Neurosteroids Derived from Dehydroepiandrosterone
Morfin, R. (France)
Microdialysis as a Tool for Measurements of Brain Catecholamines
Pacak, K. (U.S.A.)
Iodine and Selenium as Endocrine Disruptors
Zamrazil, V. (Czech Republic)
Nutritional Phytoestrogens and their Determination in Biological Material
Mazur, W. (Finland)

S14 Male Infertility
(under the auspices of Italian Society of Clinical Biochemistry and Molecular Biology)
Thursday, May 31st 14.45 - 17.00 JANACEK
Chairpersons:
Messeri, G. (Italy)
Paz, G. (Israel)

Lectures:
Genetics of Male Infertility: European Guidelines for Determination of Y Chromosome Microdeletions
Krausz, C. (Italy)
Theme Reserved
Paz, G. (Israel)
Clinical Value of Inhibin B Measurements in the Assessment of Male Gonadal Function
Anderson, R. A. (United Kingdom)
Semen Analysis: A Multistep Approach to Evaluate the Sperm Fertilizing Capacity
Barrat, C. (United Kingdom)
Quality Assessment in Steroid Measurements
Middle, J. (United Kingdom)

S15 Endocrinology of Diabetes
(under the auspices of the Netherlands Society for Clinical Chemistry)
Thursday, May 31st 14.45 - 17.00 SMETANA
Chairpersons:
Miedema, K. (The Netherlands)

Scientific workshops

SW 01 Preanalytics
Sunday, May 27th 16.15 - 18.00 DVORAK
Chairpersons:
Guder, W. (Germany)

Lectures:
The Role of Preanalytical Phase in Laboratory Medicine: An Introduction
Pulicka, V. (Czech Republic)
Preanalytical Variables in Defining Total Imprecision of Laboratory Tests
Ricos, C., Petersen, P.H. (Spain, Denmark)
Preanalytical Aspects in Coagulation Assays
Töpf er, G., Zawta, B. (Germany)
Increasing the Awareness of Preanalytical Variables in Health Care Professions by Case Related Education
Narayanan, S. (U.S.A.)
Defining the Quality of Diagnostic Samples Towards European Recommendations
Guder, W. (Germany)

SW 02 Veterinary Clinical Chemistry as a Part of Laboratory Medicine
Sunday, May 27th 16.15 - 18.00 JANACEK
Chairpersons:
Bogin, E. (Israel)

Lectures:
Animal Models for Prion Diseases
Bogin, E. (Israel)
Farm Animals as Models for Environmental Toxicity
Ubaldi, A. (Italy)
Comparative Enzymology: Gamma-glutamyl Transferase as a Marker of Pathogenicities in Human and Animals
Braun, J.P. (France)
The Horse as a Model for Sport Medicine - Clinical Chemistry Aspects
Lindner, A. (Germany)

SW 03 Minerals and Body Fluids
Sunday, May 27th 16.15 - 18.00 SMETANA
Chairpersons:
Sar is, N.E. (Finland)
Jabor, A. (Czech Republic)

Lectures:
Calcium and Magnesium: an Outline of the Chemistry, Physiology and Medical Aspects
Sar is, N.-E. (Finland)
Analytical Aspects of Calcium and Magnesium Measurements
Lewenstam, A. (Finland/Poland)
Magnesium and Inflammation: Potential Physiological and Clinical Implications
Rayssiguier, Y. (France)
Kidney Regulation of Body Fluids: Possible Ways of Diagnosis
Jabor, A., Kazda, A., Balk, M. (Czech Republic)
Impact of Body Fluid Changes on Pharmacokinetics: An Anaesthesiologist's View
Balk, M., Kolar, M., Sedivy, J., Hendi l j, J., Pachl, J. (Czech Republic)

SW 04 Cytokines in Clinical Diagnostics
(dedicated to the memory of Assoc.Prof. Zdenek Masek, Prague)
Monday, May 28th 14.00 - 15.45 DVORAK
Chairpersons:
Gressner, A.M. (Germany)

Lectures:
The Clinical Use of Cytokine Measurements
Bienvenu, J. (France)
The Clinical Potential and Analytical Challenges of Transforming Growth Factor (TGF)-Beta
Grounter, A.M. (Germany)
Proinflammatory Cytokines as Prognostic Markers of Diseases
Pulkki, K. (Finland)
The Use of Synovial Fluid Cytokines Measurements and Markers of Joint Destructrions in Prosthetic Surgery
Sypniewska, G., Zielonka, K., Dymek, G., Bliński, P.J. (Poland)

SW 05 Coronary Heart Disease: from Mechanisms to Prevention
Monday, May 28th 14.00 - 15.45 JANACEK
Chairpersons:
Dominiczak, M. (United Kingdom)
Stavljenic-Rukavina, A. (Croatia)

Lectures:
Molecular and Biochemical Aspect Coronary Heart Diseases
Stavljenic-Rukavina, A. (Croatia)
Atherosclerosis and Low-grade Inflammation
Riti, N. (U.S.A.)
Cardiovascular Prevention: Implications for the Laboratory
Winder, A.F. (United Kingdom)
Biochemical Markers in Acute Cardiology
Pentilla, I. (Finland)
Risk Stratification in Coronary Heart Disease
Dominiczak, M. (United Kingdom)

SW 06 EBM in Diagnostics and Therapy of Metabolic Bone Diseases
Monday, May 28th 14.00 - 15.45 SMETANA

Chairpersons:
Griesmacher, A. (Austria)
Palićka, V. (Czech Republic)

Lectures:
Clinical Relevance of Serum AFP and HCG in Germ Cell Tumors
Lamerz, R. (Germany)
Proteases as Prognostic Markers in Cancer: Validation in Level 1 Evidence Studies
Duffy, M.J. (Ireland)
Computer-Assisted Monitoring of Breast Cancer by Tumor Markers CA 15-3, CEA, and TPA - Evidence Based on Clinical Trials and Computer-Simulated Studies
Søltoft, M.G. (Denmark)
Validity of PSA for Screening of Prostate Cancer
Stenman, U.H. (Finland)

SW 07 EBM and Cancer
Monday, May 28th 16.15 - 18.00 DVORAK

Chairpersons:
Lamerz, R. (Germany)
Stenman, U.H. (Finland)

Lectures:
Molecular Diagnosis of Cancer by the Analysis of Tumour Cells in Blood, Pancreatic Juice, and Stool
Wagner, C. (Germany)
Gene Expression Profiling in Malignant Disease
Orntoft, T.F. (Denmark)
Apolipoprotein A1 in Chronic Diseases
Zunic-Grubic, T. (Croatia)

SW 08 EBM in Lipid Diagnostics
Monday, May 28th 16.15 - 18.00 JANACEK

Chairpersons:
Blaton, V. (Belgium)
Sypniewska, G. (Poland)

Lectures:
Dyslipidemia and Coronary Heart Disease: High LDL-Cholesterol versus Low HDL-Cholesterol
Riesen, W., Blaton, V. (Switzerland, Belgium)
Analysis of Apolipoproteins and Lipoproteins by Capillary Electrophoresis: Clinical Implementation
Stocks, J. (United Kingdom)
Circulating Oxidized Low Density Lipoprotein Levels: A Biochemical Risk Marker for Coronary Heart Disease
Holvoet, P. (Belgium)
Oxidised LDL and Markers of Atpothesis in Dialysed Patients
Sadowska, M., Sypniewska, G. (Poland)

SW 09 The Role of Cardiac Markers
Monday, May 28th 16.15 - 18.00 SMETANA

Chairpersons:
Chapelle, J.P. (Belgium)

Lectures:
Diagnostic and Prognostic Implications of Cardiac Natriuretic Peptides in Heart Failure
Mair, J. (Austria)
New Cardiac Markers and Estimation of Infarct Size
van Dick, M. (The Netherlands)
Acute Coronary Syndromes: Biochemical Strategies in the Troponin Era
Panteghini, M. (Italy)
Are Cardiac Markers Useful in Patients with Chronic Renal Failure?
Chapelle, J.P. (Belgium)

SW 10 Proteome Analysis
Tuesday, May 29th 14.00 - 15.45 DVORAK

Chairpersons:
Cervinka, M. (Czech Republic)

Lectures:
Proteins in Cardiac Function
Zivny, P. (Czech Republic)

SW 11 Molecular Diagnostics of Cancer
Tuesday, May 29th 14.00 - 15.45 JANACEK

Chairpersons:
Wagner, C. (Germany)

Lectures:
Molecular Diagnosis of Cancer by the Analysis of Tumour Cells in Blood, Pancreatic Juice, and Stool
Wagner, C. (Germany)
Gene Expression Profiling in Malignant Disease
Orntoft, T.F. (Denmark)
Apolipoprotein A1 in Chronic Diseases
Zunic-Grubic, T. (Croatia)

SW 12 Coagulation: Molecular Biology and Genetics
Tuesday, May 29th 14.00 - 15.45 SMETANA

Chairpersons:
Muszbek, L. (Hungary)
Mannhalter, C. (Austria)

Lectures:
Molecular Genetic Markers for Risk Assessment in Vascular Diseases
Mannhalter, C. (Austria)
Theme reserved
Muszbek, L. (Hungary)

SW 13 Inborn Errors of Metabolism
Tuesday, May 29th 16.15 - 18.00 DVORAK

Chairpersons:
Van Gennip, A. H. (The Netherlands)

Lectures:
Inborn Errors of Mitochondrial and Peroxisomal Fatty Acid Metabolism: Clinical and Diagnostic Aspects
Wanders, R.J.A. (The Netherlands)
Inborn Errors of Neurotransmitter Metabolism: Clinical and Diagnostic Aspects
Weyers, R.A. (The Netherlands)
Newborn Screening of Inborn Errors of Metabolism by Tandem Mass Spectrometry
Roscher, A.A. (Germany)
Inherited Defects of Sulfur Amino Acid Metabolism: Clinical and Diagnostic Aspects
Kozich, V. (Czech Republic)
Inherited Pyrimidine Degradation Defects: Clinical and Pharmacogenetic Aspects
Van Gennip, A.H. (The Netherlands)

SW 14 Clinical Chemistry of Organ Transplantation
(under the auspices of Austrian Society for Clinical Chemistry)
Tuesday, May 29th 16.15 - 18.00 JANACEK

Chairpersons:
Muller, M.M. (Austria)
Zivny, P. (Czech Republic)

Lectures:
Introduction - Monitoring of Immunosuppression
Muller, M.M. (Austria)
Biochemical Prediction of Graft Function
Zivny, P. (Czech Republic)
Graft Dysfunction and Infection
Muller, T. (U.S.A.)
Application of Growth Factors in Tissue Regeneration and Repair
Vukicevic, S. (Croatia)

SW 15 Markers of Iron Turnover
Tuesday, May 29th 16.15 - 18.00 SMETANA

Chairpersons:
Thomas, L. (Germany)

Lectures:
Transferrin Receptor
Punnunen, K. (Finland)
Hypochromic Blood Cells and Reticulocytes in Patients Undergoing Chronic Hemodialysis
Schafer, R.M. (Germany)
Biochemical and Hematological Markers of Iron Metabolism in Functional Iron Deficiency
Thomas, L. (Germany)

SW 16 Clinical Toxicology and TDM
Wednesday, May 30th 14.00 - 15.45 DVORAK

Chairpersons:
Kueflmann, W.R. (Germany)
Grundmann, M. (Czech Republic)

Lectures:
Internal and external quality assessment of analyses in toxicology
Kueflmann, W.R. (Germany)
The analytical strategies in the different fields of clinical toxicology
Halbach, J. (Germany)
Head-space Gas-chromatography
Diegel, F. (Germany)

Under Pending
Grundmann, M. (Czech Republic)

SW 17 Global Aspects of Regulations for in vitro Diagnostics (IFCC SD 1st part)
Wednesday, May 30th 14.00 - 15.45 JANACEK

Chairpersons:
Forest, J.-C. (Canada)
Pauwels, J. (Belgium)

Lectures:
The New European Directive on in-vitro Diagnostic Medical Devices and Consequences for Diagnostic Manufacturers
Tarrajt, C. (Belgium)
Involvement of Notified Bodies in Conformity Assessment of in-vitro Diagnostics to the Essential Requirements of the IVD Directive
Dai, F. (Germany)
Traceability of Values Assigned to Calibrators and Control Materials and Need of Reference Measurement Procedures and Reference Materials
Schimmel, H. (Belgium)
Global Harmonisation and Quality System Application for Clinical Diagnostics
Aztz, K. (U.S.A.)

SW 18 Errors in Laboratory Medicine
Wednesday, May 30th 14.00 - 15.45 SMETANA

Chairpersons:
Bonini, P.A. (Italy)
Sonntag, O. (Germany)

Lectures:
Introduction
Bonini, P. (Italy)
Risk of Errors in Complex Health Care Delivery Systems - A Multidimensional Approach
Bonini, P (Italy)
Errors in Laboratory Medicine
Plebani, M. (Italy)

Results of Interference Studies
Sonnat, O. (Germany)

Blood Substitutes and their Impact on Laboratory Medicine
Glick, M. (U.S.A.)

SW 19 Modern Technologies
Wednesday, May 30th 16.15 - 18.00 DVORAK

Chairpersons:
Weyrs, R. (The Netherlands)
Adam, T. (Czech Republic)

Lectures:
Nuclear Magnetic Resonance
Capillary Electrophoresis
Adam, T. (Czech Republic)
Microscopy
Ungetstedt, U. (Sweden)

SW 20 Global Aspects of Regulations for in vitro Diagnostics (IFCC SD 2nd part)
Wednesday, May 30th 16.15 - 18.00 JANACEK

Chairpersons:
Forest, J.-C. (Canada)
Ratcliffe, J. G. (United Kingdom)

Lectures:
The IFCC Reference System
Forest, J.-C. (Canad)
Reference Systems in Clinical Enzymology
Siekman, L. (Germany)
Standardisation in Plasma Proteins: The Effects of CRM 470
Johnson, A.M. (U.S.A.)
Universal Standardisation of Glycophenolglobin (HbA1c)
Miedema, K. (The Netherlands)
Standardisation of Steroid Immunoasays
Thienpont, L. (Belgium)

SW 21 Harmonisation of EQA Schemes
Wednesday, May 30th 16.15 - 18.00 SMETANA

Chairpersons:
Libeer, J.-C. (Belgium)
Friedecky, B. (Czech Republic)

Lectures:
Is there a Need for Harmonisation of EQA Schemes or is this a Fashion?
Libeer, J.-C. (Belgium)
Sharing Common Control Materials between EQAS organisations
Gellenkeuser, W.J., Friedecky, B. (Germany, Czech Republic)
Harmonisation of Acceptance Limits in EQA schemes
Bicos, C. (Spain)
EuroEQAS for Allergen Specific IgE: an Example of International Collaboration
Ward, A.M. (United Kingdom)
Current Practice Concerning Method Information and Method Groups in European EQA Schemes
Stensland, H. (Norway)

SW 22 Free Radicals
Thursday, May 31st 8.30 - 10.15 DVORAK

Chairpersons:
Naskalski, J. (Poland)
Vavrova, J. (Czech Republic)

Lectures:
Oxidative Stress and its Modification by Antioxidants in Kidney Diseases
Raczej, J. (Czech Republic)
Biological functions of protein oxidative modifications
Naskalski, J. (Poland)
Alterations of Antioxidant Enzymes and Oxidative Stress Markers Related to Aging
Ozben, T. (Turkey)
Analytical Aspects of Oxidative Stress
Vavrova, J. (Czech Republic)

SW 23 Nutrition
Thursday, May 31st 8.30 - 10.15 JANACEK

Chairpersons:
Shenklin, A. (United Kingdom)
Zadak, Z. (Czech Republic)

Lectures:
Biochemical Markers of Nutritional Status
Shenklin, A. (United Kingdom)
Nutrition, Antioxidants and the Assessment of Antioxidant Status
Biesalski, H. (Germany)
Effects of Diet on Lipids and Lipoproteins
Zadak, Z. (Czech Republic)

SW 24 Biochemistry of Aging
Thursday, May 31st 8.30 - 10.15 SMETANA

Chairpersons:
Zima, T. (Czech Republic)
Azzi, A. (Switzerland)

Lectures:
Signal Transduction and Laboratory Medicine - From Science to Routine
Zima, T. (Czech Republic)
Signaling Cascades Coordinating Cell Cycle Progression in Normal versus Cancer Cells
Bartek, J. (Denmark)
Regulation of Tyrosine Phosphorylation Circuits: Src and Abi as Dynamic Protein Interaction Machines
Superi-Furia, G., Barila, D., Caprini, F., Dorey, K., Engen, J.R., Gonnioni, S., Kretzschmar, J., Mangano, R., Pili, H. (Germany)
Membrane Signalling in vitro: The Use of Phagosomes as a Model System to Address the Regulation of Membrane-dependent Actin Nucleation
Griffiths, G. (Germany)
Specific Cellular Responses to Alpha-Tocopherol Azzi, A. (Switzerland)

SW 26 Cerebrospinal Fluid Analysis
Thursday, May 31st 10.45 - 12.30 JANACEK

Chairpersons:
Adam, P. (Czech Republic)
Feligsenhauer, K. (Germany)

Lectures:
The Present Status of CSF Analysis in Europe
Feligsenhauer, K. (Germany)
Diagnostic Potential of CSF Cytology
Adam, P., Sobek, O., Taborsky, L., Prucha, M. (Czech Republic)
Do we Have Reliable Biochemical Markers for the Disease Dynamic of Multiple Sclerosis
Thompson, E.J. (United Kingdom)
The Antibody Specificity Index as the Most Sensitive Parameter for Autoimmune and Infectious Diseases of the Central Nervous System
Wildemann, B. (Germany)

CSF Alterations upon beta-Interferon Therapy
Trojano, M. (Italy)

SW 27 Allergy and Autoimmunity
Thursday, May 31st 10.45 - 12.30 SMETANA

Chairpersons:
Zinder, O. (Israel)

Lectures:
Tissue Transglutaminase - Serology Markers of Coeliac Disease
Kocna, P. (Czech Republic)
Pending
Mocarelli, P. (Italy)
Apoptosis and Autoimmunity: Facts or Artifacts?
Vermes, I. (The Netherlands)

Plenary lectures

PL 1
Monday, May 28th 8.30 - 9.30 DVORAK

A Global Perspective - Understanding the Social, Economic and Ethnic Factors in the Atherosclerosis Epidemic
McCueen, M. (Canada)

PL 2
Tuesday, May 29th 8.30 - 9.30 DVORAK

DNA Microchips
Kricka, L. J. (U.S.A.)

PL 3
Wednesday, May 30th 8.30 - 9.30 DVORAK

Towards Quality in Clinical Chemistry and Laboratory Medicine
Mueller, M. M. (Austria)

PL 4
Thursday, May 31st 13.30 - 14.30 DVORAK

Pending

Industry Sponsored Workshops

ISW 05 In vitro Testing and Effective Medical Interventions (EDMA Symposium)
Sunday, May 27th 14.15 - 15.45 Hall: STAMIC

Chairpersons:
Place, J. (Belgium)
Burtis, C.A. (U.S.A.)

ISW 07 Pending (sponsored by Axis)
Monday, May 28th 12.30 - 14.00 Hall: STAMIC

ISW 08 The Evolution of Cardiac Troponin I: Testing in 2001 and Beyond (sponsored by Beckman Coulter)
Monday, May 28th 12.30 - 14.00 Hall: MARTINU

Lectures:
Establishing Design and Performance Criteria for the Next Generation of Cardiac Troponin I Assays
Smith, D. (U.S.A.)

The New Access Troponin I Assay, Does it Measure Up? Results from a Multicenter Evaluation  
Wu, A. (U.S.A.)
Prognostic Performance of the New Access Troponin I in Patients with Unstable CAD: A FRISC II Sub-study  
Venge, P. (Sweden)

ISW 09 Perspectives on Laboratory Efficiency Solutions (sponsored by Abbott)  
Monday, May 28th 14.15 - 15.45 Hall: STAMIC
Chairpersons: Messeri, G. (Italy)

Lectures:  
Pre-Analytical Automation, Efficiencies and Cost Benefits  
Demers, L.M. (U.S.A.)
Assessing Laboratory Engineering Solutions  
Aroasio, E. (Italy)
Networking in Point-of-Care Testing: An Automated Solution for Improved Patient Management  
Taylor, R. (United Kingdom)

ISW 10 Implementation of POCT as Managed Clinical Tool (sponsored by Roche)  
Monday, May 28th 14.15 - 15.45 Hall: MARTINU
Chairpersons: Galler, P. (U.S.A)

Lectures:  
POCT as Part of the Laboratory Toolbox  
Blick, K. (U.S.A.)
Information Integration Making POCT Manageable  
Ferguson, J. (United Kingdom)
Workflow and Cost Considerations in Critical Care Testing  
Turin, A. (Australia)
Myocardial Injury of Non-ischemic Origin  
Engis, M. (Czech Republic)

ISW 11 New Concepts in Laboratory Diagnostics (sponsored by Orion)  
Monday, May 28th 16.15 - 17.45 Hall: STAMIC
Chairpersons: Suominen, P. (Finland)

Lectures:  
Microalbuminuria - A Strong Predictor of Cardiovascular Complications  
Groop, P.H. (Finland)
The Measurement of Serum Soluble Transferin Receptor  
Suominen, P. (Finland)
Elevated Serum Carboxyterminal Telopeptide (ICTP) Predicts Decreased Survival in Breast Cancer Patients with Only Bone Metastases  
Leitzel, K. (U.S.A.)

ISW 12 Anemia of Chronic Disease - Diagnosis and Therapy (sponsored by Roche)  
Monday, May 28th 16.15 - 17.45 Hall: MARTINU
Chairpersons: Thomas, L. (Germany)

Lectures:  
Cellular Iron Metabolism  
Ponka, P. (Canada)
Crosstalk Between Iron and Cellular Immune Function  
Weiss, G. (Austria)

Disorders of Iron Metabolism  
Wick, M. (Germany)
Diagnosis of Anemia of Chronic Disease (ACD)  
Thomas, L. (Germany)
Erythropoietin and l.v. Iron in Patients with Anemias of Chronic Disease  
Kalthasser, J.P. (Germany)

ISW 13 Pharmacogenomics (sponsored by Bayer)  
Tuesday, May 29th 12.30 - 14.00 Hall: STAMIC
Chairpersons: Neuman, R. (Germany)

Lectures:  
Introduction to Pharmacogenomics at Bayer  
Kroll, W. (Germany)
Pharmacogenomics and NAD from the Perspective of a Laboratory  
Bartel, J. (Germany)
Ethics and Pharmacogenomics  
Doertler, W. (Germany)

ISW 14 Pending (sponsored by Roche)  
Tuesday, May 29th 12.30 - 14.00 Hall: MARTINU

ISW 15 Disease State Management  
Tuesday, May 29th 14.15 - 15.45 Hall: STAMIC
Chairpersons: Galler, P. (U.S.A)

Lectures:  
Transplantation Management  
Cardiovascular Disease State Management

ISW 16 Biochip Array Technology (sponsored by Randox)  
Tuesday, May 29th 14.15 - 15.45 Hall: MARTINU
Chairpersons: Orsulak, P.J. (U.S.A.)

ISW 17 Quality Control and External Quality Assessment Programs in Biochemical Laboratory (sponsored by Bio-Rad)  
Tuesday, May 29th 16.15 - 17.45 Hall: STAMIC
Chairpersons: Price, C.P. (United Kingdom)

Lectures:  
Quality Issues in Down Syndrome Screening  
Sherwood, R.A. (United Kingdom)
Specimen Materials for an Effective EQAS/PT Program  
Miller, G.W. (U.S.A.)
Bio-Rd Products and Services  
Gafney, B., Cooper, G.

ISW 19 Point-of-Care and its Requirements (sponsored by Bayer)  
Wednesday, May 30th 12.30 - 14.00 Hall: STAMIC
Chairpersons: Price, C.P. (United Kingdom)

Lectures:  
Clinical Outcomes of Point-of-Care Testing  
Price, C. (United Kingdom)
Economic Outcomes of Point-of-Care Testing  
Braun, S. (Germany)
The Role of the Central Laboratory in Point-of-Care Testing  
Gillery, P. (France)

ISW 20 The Progressive Automation Approach from Beckman Coulter Brings Solutions to your Laboratory (sponsored by Beckman Coulter)  
Wednesday, May 30th 12.30 - 14.00 Hall: MARTINU

Lectures:  
Progressive Automation Solutions, The Right Approach  
Ladestein, P.
How to Prepare yourself for Automation  
Simonsson, P. (Sweden)
How to Make Automation Work For You  
Shively, K.B. (U.S.A.)

ISW 21 Future Technology Innovation in Health Care (sponsored by Abbott)  
Wednesday, May 30th 14.15 - 15.45 Hall: STAMIC
Chairpersons: Michel, G. (Germany)

Lectures:  
Future Technology Innovation in Healthcare  
Dwyer, W. (United Kingdom)

ISW 22 At the Point of Care: Clinical and Laboratory Perspectives - From Measurement to Diagnostics to Disease Management (sponsored by Agilent Technologies)  
Wednesday, May 30th 14.15 - 15.45 Hall: MARTINU
Chairpersons: Bonini, P.A. (Italy)

Lectures:  
The Laboratory Role in Point of Care Testing: Practical Advice for Evaluation and Implementation  
Marozzi, A. (Italy)
A Clinician's Perspective of Point-of-Care Testing: Present Clinical Issues and Future Needs  
Zaloga, G.P. (U.S.A.)

ISW 25 Taking Allergy Testing to the Next Level (sponsored by Bayer)  
Thursday, May 31st 9.00 - 10.30 Hall: STAMIC
Chairpersons: Sala, M. (France)

Lectures:  
Allergy - the Current Situation  
Sala, M. (France)
Bayer ADVIA Centaur Allergy: New Enhanced Functionality  
Robinson, P. (U.S.A.)
Bayer ADVIA Centaur Allergy: Trial Results and Impact of the Implementation  
Wesdower, B. (The Netherlands)
The Impact of Serum Allergy Testing on Allergic Disease  
Pieban, M. (Italy)

JOSEfov

Prague’s old Jewish quarter now mainly occupied by buildings erected since the end of the 19th century. The old part of the former Jewish town is represented by the Town Hall, the synagogues and the State Jewish Museum with the unique collections on the Jewish faith and life. The oldest synagogue is the Old-New Synagogue, a modest Early Gothic building, one of the oldest synagogues still in use in Europe. Open for visitors there are also the Klaus Synagogue, Pinkas Synagogue, Maisl Synagogue, Ceremonial Hall and the 15th century Old Jewish Cemetery with over 20,000 gravestones. In the area of Josefov can be found as well one of the oldest Christian monuments in Bohemia – St. Agnes Convents, a convent of Poor Clares dating from the 13th century which fell into ruin after its dissolution in the 18th century. The whole complex including several churches and chapels was completely rebuilt in 1970s and 1980s and now houses collections from the National Gallery.

NEW TOWN

The New Town of Prague extends around the east and south sides of the Old Town. To be found here are the busiest shopping streets and commercial areas in Prague. The very centre of the city is represented by the Wenceslas Square main Prague’s boulevard with the magnificent 19th century building of the National Museum on the top. In the area of the New Town there are concentrated many shops, restaurants, banks, churches and other important sacral and secular buildings of all architectural styles. Among numerous theatres noteworthy are especially the historical building of the National Theatre (1883) with the neighbouring New Theatre and the State Opera from 1887.

An important part of the area is also Vysehrad – an old stronghold according to the legend the site of Libuša’s castle, the cradle of Bohemian history. The first documentary reference however is from the 11th century. The outer walls of the fortress have survived together with Romanesque St. Martin’s Chapel and the Church of St. Peter and Paul later reconstructed in Gothic and neo-Gothic styles. Next to the church surrounded by arcades is the Vysehrad cemetery with the „Slavin“ (Pantheon) where many famous Czechs are buried.

LESSEr TOWN

The Old Town and the Lesser Town are centred by the sixteen-arched Gothic Charles Bridge with an open-air gallery of 30 Baroque statues. Both ends of the bridge are decorated by the Gothic bridge towers (14th-15th century). Not far from the bridge is the Lesser Town Square partly surrounded by arcades and charming old burgner’s houses. In the centre of the square you can find the finest Baroque church in Prague – St. Nicholas’s Church from 1756 with richly furnished interior. The whole area of the Lesser Town is admired for its picturesque narrow streets with old burgner’s houses, numerous churches and magnificent palaces and palace gardens – to be mentioned are the Valdstein Palace and garden with a large Sala Terrena, Ledebour Palace and garden or former Valdstein Riding School now and exhibition area, worth seeing is also the Vrtba Palace with delightful Baroque gardens.

One of the favourite places visited by numerous foreign tourists is the Church of Our Lady Victorious with famous statuette of the „Christ Child of Prague“ (Baby Jesus of Prague).
These are views to the places where we would like to accompany you not only to learn the new things but also their beauty and history.

Dear readers, may you do not miss this opportunity.
Attention, please!!!
Change of deadline of reduced registration fee March 15, 2001
Reminder – deadline of hotel reservation March 15, 2001
Notification on acceptance of abstract after February 15, 2001

Satellite symposia
SAT 01 Beckman Coulter Protein Conference (Satellite Pre-Congress Symposium)
May 25-26, 2001, Corinthia Panorama Hotel
See web site: www.beckmancoulter.com/beckman/clindiag/promotions/ifcc_protein.asp
e-mail:proteins@beckmancoulter.com

SAT 02 EQUALM Meeting - Satellite Symposium
Saturday, June 1, 2001, Hall of Institute for Postgraduate Education, Prague, Budejovicka 15
Contact person: Libeer, J.-C. (Belgium)

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