

The joint EMBO/EU practical course on electron microscopy and stereology

July 2003

The EMBO/EU Practical Course on Electron Microscopy and Stereology in Molecular Biology of Cells and Tissues, is about the production of thin sections of biological material and their use in studying ultrastructure in the context of molecular cell biology and in obtaining quantitative 3D information about objects from 2D measurements by means of stereology. The course will introduce the techniques of cryosectioning, rapid freezing methods as an alternative to chemical fixation, freeze substitution, resin embedding and stereologic methods for determining volumes of objects, surface areas, a number of particles and mean particle volumes.

Dates: July 3–12, 2003. Location: Institute of Parasitology and Faculty of Biological Sciences, Branišovská 31, 370 05 České Budějovice, Czech Republic. Electronic registration: <http://www.paru.cas.cz/emcourse>.

The course is co-sponsored by EMBO and EU through the EU Centre of Excellence - the Institute of Experimental Medicine

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5th conference on cell biology

September 2003

The conference on cell biology, CELLS V, is to be held in České Budějovice (Czech Republic), Faculty of Health and Social Studies, University of South Bohemia, September 8– 10 2003. Presentations are invited on both theoretical and applied research.

Plenary sessions by invited speakers:

- Thoru Pederson (Worcester, USA): Nuclear impressionism – How the active genome creates the very canvas on which gene expression is painted
- Lubomir Tomaska, Judita Sadovska, Jozef Nosek, Jack D. Griffith (Bratislava, SK; Chapel Hill, USA): Yeast telomeres - How to ignore essential double-strand DNA breaks?
- Frantisek Marec (Ceske Budejovice, CZ): Extraordinary telomere structures
- Jozef Nosek, Lubomir Tomaska, Blanka Kucejova (Bratislava, SK): The chromosome end replication – Lessons from mitochondrial genetics
- Daniele Hernandez-Verdun (Paris, F): The nucleolus: functions and assembly during cell cycle
- Karel Smetana Jr. (Praha, CZ): Glycophenotype of squamous epithelia: from laboratory to clinical practice
- Yehiel Zick (Rehovot, IL): Insulin resistance: a phosphorylation-based uncoupling of insulin signalling
- Augustin Svoboda (Brno, CZ): Crosstalk between cell wall and cytoplasm
- Peter Eckl (Salzburg, A): The cultured primary hepatocyte and its application in toxicology
- Florian Ulrich (Dresden, D): The role of cell polarity in regulating gastrulation movements
- Stephanie Schonegg (Dresden, D): Establishment of polarity in *C. elegans* early embryos

Further information (registration, abstracts, transportation, actual weather, maps, trips, fees) are available at www.zsf.jcu.cz/cells.

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11th International Vasculitis and ANCA Workshop

October 2003

A Vasculitis and ANCA Workshop will be held in Prague (Czech Republic), October 3-5, 2003. The workshop is co-organized by the Czech Society of Nephrology and is held under the auspices of the 1st and 2nd Medical Faculty of Charles University in Prague. The main topics of the workshop will be the etiology and pathogenesis of vasculitis, the current place of antineutrophil cytoplasmic antibodies (ANCA) in the diagnostics and monitoring of disease activity and clinical studies in vasculitis. A postgraduate course on vasculitis will be organized on October 5, 2003. For further information see www.anca2003.org .

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