Exploring Cellular Structure and Function

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July 21–25, 2016, Prague, Czech Republic Prague Congress Centre

12th International Congress of Cell Biology

Call for Abstracts

Abstract Submission and Online Registration Open

Submit Your Abstract and Register Online NOW! Deadline for Oral Abstracts Submission is March 31, 2016 Deadline for Poster Abstracts Submission is May 15, 2016





CZECH SOCIETY FOR CELL BIOLOGY, z. s. Member of International Federation for Cell Biology

KEYNOTE LECTURES

Betzig Eric – Imaging life at high spatiotemporal resolution

Chalfie Martin – Determining neuronal cell fate in *C. elegans*

Cossart Pascale – What bacteria – in particular *Listeria* – have learnt to cell biologists

Gall Joseph – Giant chromosomes and deep sequences: what the amphibian oocyte tells us about transcription

Goldman Robert – Intermediate filament networks are systems integrators in mammalian cells

zur Hausen Harald – Bovine milk and meat as risk factors for human diseases

Simons Kai – The dynamic organization of cell membranes

Walter Peter – From protein folding to cognition: the serendipitous path of discovery

SYMPOSIA LECTURES

Almouzni Geneviève – Shaping chromatin in the nucleus, key architects

Bártek Jiří – Genome integrity maintenance: mechanisms and relevance for cancer and aging

Baumeister Wolfgang – Structural biology in a cellular context

Di Fiore Pier Paolo – The Numb: p53 axis connects asymmetric cell division and tumor suppression in mammary stem cells

Gasser Susan – Heterochromatin and its crucial role in genome maintenance

Grosveld Frank – Transcription and the dynamics of the 3D structure of the genome

Heald Rebecca – Mechanisms of mitosis and size control in *Xenopus*

Hetzer Martin – How the nuclear membrane controls genome function

Hirokawa Nobutaka – Kinesin superfamily molecular motors, KIFs: from regulation of neuronal functions and development to diseases

Hořejší Václav – Immunoreceptor signalling **Humphries Martin** – Regulation of cell adhesion through the cell cycle

Jacobs Howy – Maintenance of mitochondrial fidelity

Leptin Maria – Subcellular and supracellular mechanisms of cell morphogenesis

LeRoith Derek – The role of GH/IGF-I axis in the regulation of glucose metabolism and its disturbances

Lin Haifan – Uniting the genome: multifaceted roles of the Piwi-piRNA pathway in the germline

Martienssen Rob – Epigenetic reprogramming and small RNA

Mayor Satyajit – Active control of cell membrane composition

McKnight Steven – A solid state conceptualization of information transfer from gene to message to protein

Misteli Tom – Deep imaging to see the genome Nigg Erich – Impact of centrosome aberrations on microcephaly and cancer

Oren Moshe – The fifty shades of p53

Peters Jan-Michael – How cohesin controls sister chromatid cohesion and chromatin structure

Silver Pamela – Designing biology – from basic cell biology to application

Vandenabeele Peter – Role of RIPKs in life and death decisions

Wang Xiaodong – Biochemical pathways of cell death Watt Fiona – Studying epidermal stem cells at single cell resolution

Yoshimori Tamotsu – Autophagy: its molecular basis and anti-disease function

Zerial Marino – Molecular mechanisms of endosome biogenesis and fusion

SPECIAL LECTURES

Bertuzzi Stefano – The curious incident of the translational dog that didn't bark. Where is cell biology going? Where will a PhD in science take you? Mattaj lain – Promoting excellence by choice; EMBL and international life science collaboration

MINISYMPOSIA TOPICS

Cell biology of host-pathogen interactions (Peter Šebo + Pascale Cossart) Mechanisms of intracellular trafficking (Daniela Corda + Margaret Robinson) Epigenetic control of cell fate (Guoliang Xu + Petra Hájková) Microtubule organization in health and disease (Mónica Bettencourt-Dias + Pavel Dráber) Lamins and chromatin during development

(Roland Foisner + Tomáš Vomastek)

and ageing

Emerging technologies for cell biology (Alasdair Steven + Stanislav Kmoch) DNA replication, repair and recombination (Cristina Cardoso + Eva Bártová) Pluripotent stem cells (Alexey Tomilin + Aleš Hampl) Chromosome segregation and aneuploidy (William Earnshaw + Jain Cheeseman) Nuclear peripherv (Yosef Gruenbaum + Ohad Medalia) Shaping the cell (Buzz Baum + Tomáš Mazel) Host cells and vector borne pathogens (Libor Grubhoffer + Marshall Bloom) Tissue microenvironment under physiological condition and disease (Hernandes Carvalho + Karel Smetana Jr.) Neurons meeting glia in the brain plasticity, disease and therapy

(Marko Brankatschk + Miloš Pěkný)

Dynamics of the gene expression machinery (David Tollervey + Thoru Pederson) Centrioles, centrosomes and cilia: function and dysfunction (Jordan Raff + Renata Basto) Chromatin plasticity and nuclear architecture (Evi Soutoglou + Eran Meshorer) Cell adhesion dynamics in tissue organization (Carien Niessen + Corinne Albigès-Rizo) Cell biology and nanomedicine (Gareth Griffiths + Arwyn Jones) Plant development and adaptation (Jiří Friml + María-Carmen Risueño) Non-coding RNAs in health and disease (Claus Azzalin + Štěpánka Vaňáčová) Structural biology (Ueli Aebi + Christian Spahn) Cancer cell biology (Elias Campo + Marek Trněný) Cell signaling/Systems and computational biology (Marino Zerial + Philippe Bastiaens) Cell biology of metabolic diseases

(Derek LeRoith + Martin Haluzík)

CALL FOR ABSTRACTS

Dear Colleagues,

do not miss your chance to submit an abstract for the upcoming 12^{th} International Congress on Cell Biology, that will be held in Prague, the capital of the Czech Republic, July 21 - 25, 2016.

Abstracts are invited for presentations corresponding to minisymposia topics. All contributions should be submitted through the congress website **www.iccb2016.org**.

To be considered for oral presentation please ensure you submit your abstract by March 31, 2016. Any abstracts submitted after this date and before May 15, 2016 will only be considered for poster presentation.

Check the congress website for latest news and refer to the Abstract Submission Guidelines. We are looking forward to your contributions!

REGISTRATION

	EARLY until April 30, 2016	LATE until July 6, 2016	ON-SITE from July 7, 2016
UNDERGRADUATE STUDENT	165 EUR	220 EUR	275 EUR
GRADUATE STUDENT IFCB MEMBER *	220 EUR	350 EUR	480 EUR
GRADUATE STUDENT NON MEMBER	270 EUR	400 EUR	530 EUR
PROFESSIONAL IFCB MEMBER *	420 EUR	500 EUR	580 EUR
PROFESSIONAL NON MEMBER	470 EUR	550 EUR	630 EUR
COURSES/WORKSHOPS	70 EUR	90 EUR	110 EUR

* The list of IFCB members can be found at www.iccb2016.org/registration-fees.htm

More information at www.iccb2016.org

CONTACTS

Congress Organiser:

Czech Society for Cell Biology, z.s. (member of the International Federation for Cell Biology) Albertov 4, 128 00 Prague, Czech Republic www.cscb.cz

Congress Chairman:

Prof. Ivan Raška

Institute of Cellular Biology and Pathology First Faculty of Medicine, Charles University in Prague

Congress Secretariat:

C-IN

Prague Congress Centre 5. května 65, 140 21 Prague, Czech Republic Phone: +420 261 174 301 or 304 < info@iccb2016.org >, < abstracts@iccb2016.org >

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All booking requests are allocated on a first come, first served basis. In order to reserve your sponsorship / exhibition booth, please check www.iccb2016.org and proceed with the reservation via the order form.

In case you have a different idea of how to promote your activities, kindly contact:

Ms. Iva Pelánová (Sponsorship & Exhibition manager) < sponsorship@iccb2016.org > Cell Phone: +420 724 545 505, Phone: +420 261 174 308

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Oral Abstracts Submission Deadline March 31, 2016

Sponsors' Enrolment

Deadline

March 31, 2016

Poster Abstracts Submission Deadline May 15, 2016

Early Registration Deadline April 30, 2016 Exhibition Space Booking Deadline April 30, 2016

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