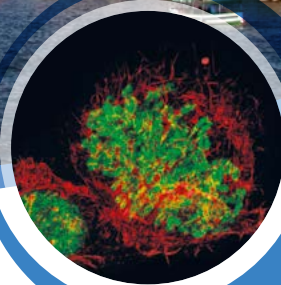


Exploring Cellular Structure and Function

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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

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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.
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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? And where will a PhD in science take you?

Mattaj Iain – 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 and ageing
(Roland Foisner + Yixiang Zheng)

Emerging technologies for cell biology

(Alasdair Steven + Stanislav Kmoch)

DNA replication, repair and recombination

(Cristina Cardoso + Eva Bártoová)

Pluripotent stem cells

(Alexey Tomilin + Aleš Hampl)

Chromosome segregation and aneuploidy

(William Earnshaw + Iain Cheeseman)

Nuclear periphery

(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 Tollervy + 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 + Arwin 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 12th 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

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Deadline
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Early Registration
Deadline
April 30, 2016

Exhibition Space
Booking Deadline
April 30, 2016

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