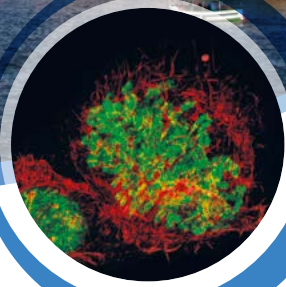


# Exploring Cellular Structure and Function

More information  
at [www.iccb2016.org](http://www.iccb2016.org)

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



## 12<sup>th</sup> 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? 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 Knoch)

### **DNA replication, repair and recombination**

(Cristina Cardoso + Eva Bártořová)

### **Pluripotent stem cells**

(Alexey Tomilin + Aleř 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 + Miloř 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 12<sup>th</sup> 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](http://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**

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

\* The list of IFCB members can be found at [www.iccb2016.org/registration-fees.htm](http://www.iccb2016.org/registration-fees.htm)

More information at  
[www.iccb2016.org](http://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](http://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](mailto:info@iccb2016.org) >, < [abstracts@iccb2016.org](mailto:abstracts@iccb2016.org) >

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Submit Your Abstract  
and Register

**NOW!**

Oral Abstracts  
Submission Deadline  
**March 31, 2016**

Poster Abstracts  
Submission Deadline  
**May 15, 2016**

Sponsors' Enrolment  
Deadline  
**March 31, 2016**

Early Registration  
Deadline  
**April 30, 2016**

Exhibition Space  
Booking Deadline  
**April 30, 2016**

## EXHIBITION & SPONSORSHIP

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](http://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](mailto:sponsorship@iccb2016.org) >

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