

Leoš is head of the Laboratory of Regulation of Gene Expression (LRGE) at the Institute of Microbiology of the Czech Academy of Sciences (CAS) in Prague, where he served as the vice chairman of the IM CAS Council in between years 2007-2016. In 2014 he was elected as a member of the Academy Assembly of CAS. His laboratory, established in June 2006, investigates a basic concept of translation and various aspects of its control. The studies combine the use of budding yeast *Saccharomyces cerevisiae* and mammalian cells lines, and employ tools of molecular and structural biology, biochemistry and genetics. Leos received his Master degree in Genetics and Molecular Biology in 1994 from the Charles University in Prague and subsequently his Ph.D. in Biochemistry in 1999 from the University of Vienna. He went on to do postdoctoral work in the Laboratory of Gene Regulation and Development, National Institute of Child Health and Human Development, NIH, under supervision of Dr. Alan Hinnebusch. In June 2004, Leos received the “welcome-back-home” Fellowship of J. E. Purkyne from the Academy of Sciences of the Czech Republic (ASCR), and returned to the Czech Republic to be appointed as Independent Investigator at the Institute of Microbiology ASCR in Prague. In 2005 he was awarded a Wellcome Trust International Senior Research Fellowship, became the Howard Hughes Medical Institute International Research Scholar, and received an NIH FIC Global Health Research Initiative Program Award. In June 2010, Leos became the first Czech-based researcher ever to renew the Wellcome Trust International Senior Research Fellowship; the second renewal occurred in 2015. In November 2011, his group together with 6 other young groups in the Czech Republic received a highly prestigious Centre of Excellence Grant from the Czech Grant Agency. Leos’s young group currently consists of 4 post-doctoral fellows, 6 Ph.D. students and two lab technicians. He and his lab have published over 50 publications in top-notch peer-reviewed journals and won the best original research publication carried out at the Institute of Microbiology ASCR award in years 2008, 2011, 2013 and 2015. In September 2015, Leoš co-organized the highly prestigious Protein Synthesis and Translational Control meeting in EMBL in Heidelberg (Germany), and in February 2016 his laboratory was selected by the international evaluation committee among the 13 most prestigious labs in the entire Czech Academy of Sciences. In February 2017, Leoš defended his Res. Prof. (DSc.) dissertation with the Czech Academy of Sciences.

ADDRESS

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BIOGRAPHICAL BACKGROUND

Date of birth: July 15, 1971
Place of birth: Liberec, the Czech Republic
Citizenship: Czech

WORK and POSTDOCTORAL EXPERIENCE (ORCID: 0000-0001-8123-8667)

5/05 - present Group Leader; Vice chairman of the IM CAS Council (2007-2016)
Member of the Academy Assembly of CAS
01/99 – 05/99 Research Associate; Department of Virology; Regional Hospital Liberec,
Liberec, the Czech Republic
06/04 – 04/05 Associate Investigator; Laboratory of Cell Reproduction ; Institute of
Microbiology AS CR; Prague, the Czech Republic
05/99 – 05/04 Visiting Fellow Award Recipient; Laboratory Gene Regulation and Development
National Institute of Child Health and Human Development, NIH, Bethesda, MD
08/94 – 02/17 **Res. Prof. (DSc.);** Institute of Microbiology Academy of Sciences of the Czech
Republic; Prague, the Czech Republic
08/94 – 11/98 **Ph.D. (Dr. rer. nat.);** University of Vienna, Austria; Biocenter, Institute of
Biochemistry and Molecular Cell Biology
09/89 – 06/94 **M.Sc.;** Charles University, Prague, the Czech Republic

GRANT, FELLOWSHIP AND OTHER AWARDS

- 2/17** defended the Res. Prof. (DSc.) dissertation with the Czech Academy of Sciences
- 2/17** the 2nd best original research publ. carried out at the IM ASCR in 2016 award
- 1/17 – 12/19** Czech Science Foundation Grant
- 2/16** our laboratory was selected by the international evaluation committee among the 13 most prestigious labs in the entire Czech Academy of Sciences
- 2/16** the 2nd best original research publ. carried out at the IM ASCR in 2015 award
- 1/15 – 12/17** Czech Science Foundation Grant
- 7/15 – 6/18** Wellcome Trust International Senior Research Fellowship – 2nd renewal
- 3/14** the best original research publication carried out at the IM ASCR in 2013 award
- 1/14 – 12/16** Czech Science Foundation Grant
- 3/12** the best original research publication carried out at the IM ASCR in 2011 award
- 1/12 – 12/18** Centre of Excellence Grant, Czech Science Foundation
- 7/10 – 6/15** Wellcome Trust International Senior Research Fellowship – 1st renewal
- 1/11 – 12/14** Czech Science Foundation Grant
- 1/10 – 12/13** Czech Science Foundation Grant
- 2/09** the best original research publication carried out at the IM ASCR in 2008 award
- 1/06 – 12/11** Howard Hughes Medical Institute International Research Scholar
- 7/05 – 6/10** Wellcome Trust International Senior Research Fellowship
- 5/05 – 4/10** NIH Global Health Research Initiative Program Award
- 5/04 – 5/09** ASCR Fellowship of Jan Evangelista Purkyne Recipient
- 5/99 – 5/04** NIH Visiting Fellow Award Recipient
- 11/98** graduated with distinction from the University of Vienna (Ph.D.)
- 6/94** graduated with distinction from the Charles University (M.Sc.)

PUBLICATIONS

Hronová, V., Mohammad, M.P., Wagner, S., Pánek, J., Gunišová, S., Zeman, J., Poncová, K., and **Valášek, L.S.*** (2017) Does eIF3 promote reinitiation after translation of short upstream ORFs also in mammalian cells? *RNA biol.*, in press

Hronová, V. and **Valášek, L.S.*** (2017) An emergency brake for protein synthesis. *eLife* April 25; **6**. pii:e27085

Mancera-Martínez, E., Querido, J.B., **Valášek, L.S.**, Simonetti, A., and Hashem, Y. (2017) ABCE1: a special factor that orchestrates translation at the crossroad between recycling and initiation. *RNA biol.*, in press

Mohammad, M.P., Munzarová Pondělíčková, V., Zeman, J., Gunišová, S., and **Valášek, L.S.*** (2017) *In vivo* evidence that eIF3 stays bound to ribosomes elongating and terminating on short upstream ORFs to promote reinitiation. *Nucleic Acid Res.*, **45** (5), 2658-2674, Epub 2017 Jan 24.

Wagner, S., Herrmannová, A., Šikrová, D., and **Valášek, L.S.*** (2016) Human eIF3b and eIF3a serve as the nucleation core to assemble the remaining eIF3 subunits into two interconnected modules – the yeast-like core and the octamer. *Nucleic Acid Res.*, **44** (22), 10772-10788, Epub 2016 Oct 19.

Aitken C.E., Beznosková, P., Vlčková, V., Chiu, W-L., Zhou, F., **Valášek, L.S.***, Hinnebusch, G.H.*, and Lorsch, J.R.* (2016) Eukaryotic translation initiation factor 3 plays distinct roles at the mRNA entry and exit channels of the ribosomal preinitiation complex. *eLife*, Oct 26; **5**. pii: e20934.

Pánek, J.*, Kolář, M., Herrmannová, A., and **Valášek, L.S.*** (2016) A systematic computational analysis of the rRNA-3'UTR sequence complementarity suggests a regulatory mechanism influencing post-termination events in metazoan translation. *RNA*, **22**(7), 957-67. Epub 2016 May 17.

Gunišová, S., Beznosková, P., Mohammad, M.P., Vlčková, V. and **Valášek, L.S.*** (2016) In-depth analysis of *cis*-determinants that either promote or inhibit reinitiation on *GCN4* mRNA after translation of its four short uORFs. *RNA*, **22**(4), 542-58. Epub 2016 Jan 28.

Beznosková, P., Gunišová, S. and **Valášek, L.S.*** (2016) Rules of UGA-N decoding by near-cognate tRNAs and analysis of readthrough on short uORFs in yeast. *RNA*, **22**(3), 456-66. Epub 2016 Jan 12.

Beznosková, P., Wagner, S., Jansen, M.E., von der Haar, T. and **Valášek, L.S.*** (2015) Translation initiation factors eIF3 promotes programmed stop codon readthrough. *Nucleic Acid Res.*, **43**(10), 5099-111. Epub 2015 April 29.

von der Haar, T. and **Valášek, L.S.** (2014) mRNA Translation: Fungal Variations on a Eukaryotic Theme, Fungal RNA Biology, Springer International Publishing, Switzerland, 2014, 113-134.

Wagner, S., Herrmannová, A., Peclínová, L., Malík, R. and Valášek, L.S.* (2014) Functional and biochemical characterization of human eIF3 in living cells. *Mol. Cell Biol.*, **34**(16), 3041-52.

Gunišová, S. and Valášek, L.S.* (2014) Fail-safe Mechanism of GCN4 Translational Control – uORF2 Promotes Reinitiation by Analogous Mechanism to uORF1 and thus Secures its Key Role in GCN4 expression. *Nucleic Acid Res.*, **42**(9), 5880-93. Epub 2014 Mar 12.

Khoshnevis, S.[#], **Gunišová, S.[#]**, **Vlčková, V.[#]**, **Kouba, T.**, Neumann, P., **Beznosková, P.**, Ficner, R.* and **Valášek, L.S.*** (2014) Structural integrity of the PCI domain of eIF3a/TIF32 is required for mRNA recruitment to the 43S pre-initiation complexes. *Nucleic Acid Res.*, **42**(6):4123-39. Epub 2014 Jan 13.

Beznosková, P.[#], **Cuchalová, L.[#]**, **Wagner, S.**, Shoemaker, C.J., **Gunišová, S.**, von der Haar, T. and **Valášek, L.S.*** (2013) Translation initiation factors eIF3 and HCR1 control translation termination and stop codon read-through in yeast cells. *PLoS Genet.*, **9**, e1003962

Pánek, J.*, Kolář, M., Vohradský, J. and **Valášek, L.S.** (2013) An evolutionary conserved pattern of 18S rRNA sequence complementarity to mRNA 5' UTRs and its implications for eukaryotic gene translation regulation. *Nucleic Acid Res.*, **41**(16), 7625-7634. Epub 2013 Jun 26.

Walker, S.E., Zhou, F., Mitchell, S.F., Larson, V.S., **Valášek, L.**, Hinnebusch, A.G., and Lorsch, J.R. (2013) Yeast eIF4B binds to the head of the 40S ribosomal subunit and promotes mRNA recruitment through its N-terminal and internal repeat domains. *RNA*, **19**(2), 191-207.

Pospíšek, M. and **Valášek, L.*** (2013) Polysome profile analysis--yeast. *Methods Enzymol.*, **530**, 173-181.

Valášek, L.S.* (2013) Internal Ribosome Entry Site, Eukaryotic. *Encyclopedia of Systems Biology*, Dubitzky W, Wolkenhauer O, Cho K-H, Yokota H (eds) pp 1047-1052. New York, NY: Springer New York

Valášek, L.S.* (2013) Kozak Consensus Sequence. *Encyclopedia of Systems Biology*, Dubitzky W, Wolkenhauer O, Cho K-H, Yokota H (eds) pp 1087-1087. New York, NY: Springer New York

Valášek, L.S.* (2013) Translation Initiation in Eukaryotes, Reinitiation. *Encyclopedia of Systems Biology*, Dubitzky W, Wolkenhauer O, Cho K-H, Yokota H (eds) pp 2267-2271. New York, NY: Springer New York

Valášek, L.S.* (2013) Untranslated Region (UTR). *Encyclopedia of Systems Biology*, Dubitzky W, Wolkenhauer O, Cho K-H, Yokota H (eds) pp 2324-2325. New York, NY: Springer New York

Novotný, I., Podolská, K., Blažíková, M, **Valášek, L.S.**, Svoboda, P., Staněk, D. (2012) Nuclear LSm8 affects number of cytoplasmic processing bodies via controlling cellular distribution of Like-Sm proteins. *Mol Biol Cell*, **23**(19), 3776-85.

Valášek, L.S.* (2012) Ribozoomin' – Translation Initiation from the Perspective of the ribosome-bound Eukaryotic Initiation Factors (eIFs). *Curr Protein Pept Sci.*, **13**, 305-330.

Karasková, M.[#], Gunišová, S.[#], Herrmannová, A.[#], Wagner, S., Munzarová, V., and Valášek, L.S.* (2012) Functional Characterization of the Role of the N-terminal Domain of the c/Nip1 Subunit of eIF3 in AUG recognition. *J Biol Chem*, **287**, 28420-28434.

Kouba, T., Danyi, I, Gunišová, S., Munzarová, V., Vlčková, V., Cuchalová, L., Neueder, A., Milkereit, P., and Valášek, L.S.* (2012) Small Ribosomal Protein RPS0 Stimulates Translation Initiation by Mediating 40S-binding of eIF3 *via* its Direct Contact with the eIF3a/TIF32 Subunit. *PLoS One*, **7**, e40464. Epub 2012 Jul 5.

Kouba, T., Rutkai, E., Karasková, M., and Valášek, L.S.* (2012) The eIF3c/NIP1 PCI Domain Interacts with RNA and RACK1/ASC1 and Promotes Assembly of Translation Pre-initiation Complexes. *Nucleic Acid Res.*, **40**(6), 2683-99. Epub 2011 Nov 28.

Herrmannová, A.[#], Daujotytė, D.[#], Yang, J-C., Cuchalová, L., Gorrec, F., Wagner, S., Dányi, I., Lukavsky, P.J.*, and Valášek, L.S.* (2012) Structural Analysis of an eIF3 Subcomplex Reveals Conserved Interactions Required for a Stable and Proper Translation Pre-Initiation Complex Assembly. *Nucleic Acid Res.*, **40**(5), 2294-311. Epub 2011 Nov 15.

Munzarová, V., Pánek, J., Gunišová, S., Danyi, I., Szamecz, B. and Valášek, L.S.* (2011) Translation Reinitiation Relies on the Interaction Between eIF3a/TIF32 and Progressively Folded cis-acting mRNA Elements Preceding Short uORFs. *PLoS Genet.*, **7**, e1002137.

Mašek, T., **Valášek, L.**, and Pospíšek M. (2011) Polysome analysis and RNA purification from sucrose gradients. *Methods Mol Biol.*, **703**, 293-309.

Nemoto, N., Singh, C.R., Udagawa, T., Wang, S., Thorson, E., Winter, Z., Ohira, T., li, M., **Valášek, L.**, Brown, S.J., and Asano K. (2010) Yeast 18 S rRNA is directly involved in the ribosomal response to stringent AUG selection during translation initiation. *J Biol Chem.*, **285**, 32200-12.

Cuchalová, L., Kouba, T., Herrmannová, A., Danyi, I., Chiu, W.-I. and Valášek, L.* (2010) The RNA Recognition Motif of Eukaryotic Translation Initiation Factor 3g (eIF3g) Is Required for Resumption of Scanning of Posttermination Ribosomes for Reinitiation on GCN4 and Together with eIF3i Stimulates Linear Scanning. *Mol Cell Biol*, **30**, 4671-4686.

Chiu, W.-L., **Wagner, S., Herrmannová, A., Burela, L., Zhang, F., Saini, A.K., Valášek, L.***, and Hinnebusch, A.G.* (2010) The C-Terminal Region of Eukaryotic Translation Initiation Factor 3a

(eIF3a) Promotes mRNA Recruitment, Scanning, and, Together with eIF3j and the eIF3b RNA Recognition Motif, Selection of AUG Start Codons. *Mol Cell Biol*, **30**, 4415-4434.

ElAntak, L.[#], Wagner, S.[#], Herrmannová, A.[#], Janošková, M., Rutkai, E., Lukavsky, P.J.*, and **Valášek, L.*** (2010) The indispensable N-terminal half of eIF3j co-operates with its structurally conserved binding partner eIF3b-RRM in stringent AUG selection. *J. Mol. Biol.*, **396**, 1097-116.

Groušl, T., Ivanov, P., Frýdlová, I., Vašicová, P., Janda, F., Vojtová, J., Malínská, K., Malcová, I., Nováková, L., Janošková, D., **Valášek, L.**, and Hašek, J. (2009) Robust heat shock induces eIF2alpha-phosphorylation-independent assembly of stress granules containing eIF3 and 40S ribosomal subunits in budding yeast *S. cerevisiae*. *J. Cell Sci.*, **122**, 2078-88.

Szamecz, B., Rutkai, E., Cuchalová, L., Munzarová, V., Herrmannová, A., Nielsen, K.H., Burela, L., Hinnebusch, A.G., and **Valášek, L.*** (2008) eIF3a cooperates with sequences 5' of uORF1 to promote resumption of scanning by post-termination ribosomes for reinitiation on *GCN4* mRNA. *Genes & Dev*, **22**, 2414-2425.

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Jivotovskaya, A.V., **Valášek, L.**, Hinnebusch, A.G., and Nielsen, K.H. (2006) Eukaryotic translation initiation factor 3 (eIF3) and eIF2 can promote mRNA binding to 40S subunits independently of eIF4G in yeast. *Mol. Cell Biol.*, **26**, 1355-72.

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Nielsen, K.H., Szamecz, B., **Valášek, L.**, Jivotovskaya, A., Shin, B-S., and Hinnebusch, G.H. (2004) Functions of eIF3 downstream of 48S assembly impact AUG recognition and *GCN4* translational control. *EMBO J.*, **23**, 1166-77.

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Valášek, L., Nielsen, K.H., and Hinnebusch, A.G. (2002) Direct eIF2-eIF3 Contact in the Multifactor Complex is Important for Translation Initiation in vivo. *EMBO J.*, **21**, 5886-98.

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Valášek, L., Phan, L., Schoenfeld, L.W., Valášková, V., and Hinnebusch, A.G. (2001) Related eIF3 subunits TIF32 and HCR1 interact with an RNA recognition motif in PRT1 required for eIF3 integrity and ribosome binding. *EMBO J.*, **20**, 891-904.

Shalev, A., **Valášek, L.**, Pise-Masison, C.A., Radonovich, M., Phan, L., Clayton, J., Brady, J.N., Hinnebusch, A.G, and Asano, K. (2001) *Saccharomyces cerevisiae* protein PCI8 and human protein eIF3e/Int-6 interact with eIF3 core complex by binding to cognate eIF3b subunits. *J Biol Chem.*, 276, 34948-57.

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Asano, K., Shalev, A., Phan, L., Nielsen, K., Clayton, J., **Valášek, L.**, Donahue, T. F., and Hinnebusch, A.G. (2001) Multiple roles for the C-terminal domain of eIF5 in translation initiation complex assembly and GTPase activation. *EMBO J.*, **20**, 2326-37.

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Valášek, L.*, Hašek, J., Trachsel, H., Imre, E.I., and Ruis, H. (1999) The *Saccharomyces cerevisiae* HCR1 gene encoding a homologue of the p35 subunit of human translation initiation factor 3 (eIF3) is a high copy suppressor of a temperature-sensitive mutation in the Rpg1p subunit of yeast eIF3. *J. Biol. Chem.*, **274**, 27567-27572.

Valášek, L., Trachsel, H., Hašek, J., and Ruis, H., (1998) Rpg1, the *Saccharomyces cerevisiae* homologue of the largest subunit of mammalian translation initiation factor 3, is required for translational activity. *J. Biol. Chem.*, **273**, 21253-21260.

Sabelli, P.A., Burgess, S.R., **Valášek, L.**, and Shewry, P.R. (1998) Molecular cloning and characterisation of a maize cDNA for a homologue of the large subunit of the eukaryotic initiation factor 3 (eIF3). *Mol Gen Genet.*, **261**, 820-830.

Kovarík, P. #, Hašek, J. #, **Valášek, L. #**, and Ruis, H., (1998) *RPG1*: an essential gene of *Saccharomyces cerevisiae* encoding a 110 kDa protein required for passage through the G1 phase. *Curr. Genetics*, **33**, 100-109.

Vondrejs, V., Janderová, B, **Valášek, L.** (1996) Yeast killer toxin K1 and its exploitation in genetic manipulations. *Folia Microbiol.*, **41**, 379-93.

Valášek, L., Vondrejs, V., Bartůňek, M., and Janderová, B. (1996) Exploitation of Rhodamine B in the Killer Toxin Research. *Fluorescence Microscopy and Fluorescence Probes*, 163 – 167, Plenum Press, New York, 1996.

Vondrejs, V., **Valášek, L.** (1994) Comparison of different variants of the rhodamine test in terms of sensitivity of detection of the effect of zymocins in different strains of *Saccharomyces cerevisiae*. *Folia Microbiol.*, **39**, 362.

Vondrejs, V., **Valášek, L.** (1994) Comparison of the effect of zymocine K1 on protoplasts and cells of selected yeast species. *Folia Microbiol.*, **39**, 363.

ORGANIZATION OF MEETINGS

06/2017 RNA 2017 meeting of the RNA society to be held in Prague, Czech Republic

07/2017 28th International conference on yeast genetics and molecular biology to be held in Prague, Czech Republic

09/2015 Protein Synthesis and Translational Control meeting, EMBL in Heidelberg, Germany

11/2011 RNA club 2011 international meeting held in Prague, the Czech Republic

11/2006 Translational Control and Non-Coding RNA international meeting held in Nove Hrad, the Czech Republic

ORAL PRESENTATIONS

SESSION CHAIR

Translation initiation – canonical

eIF3 rocks: from initiation to termination and back to reinitiation

2011 Protein Synthesis and Translational Control Meeting

EMBL Heidelberg, Germany

September 2011

INVITED SPEAKER

Comprehensive guide to the human eIF3 expression and integrity

ZOMES IX

Roma, Italy

February 2017

Mysterie začátku a konce aneb jak vdechnout genu život

Conference of the top research teams of Czech Academy of Sciences

Prague, Czech Rep.

March 2016

Yeast translation begins and ends with translation initiation factor eIF3

The Wellcome Trust Senior Research Fellows' Meeting

Ashridge Business School, UK

February 2014

Yeast translation begins and ends with translation initiation factor eIF3

University of Manchester, Manchester, UK

June 2013

Protein synthesis from the perspective of one of the major translation initiation factors - eIF3

Department of Pathology, Medical University of Graz, Austria

April, 2013

Yeast translation begins and ends with translation initiation factor eIF3
Institut de Génétique et de Biologie Moléculaire et Cellulaire, Illkirch, France
October 2012

Yeast translation begins and ends with translation initiation factor eIF3
School of Biosciences, University of Kent, Kent, UK
October 2012

eIF3 rocks: from initiation to termination and back to reinitiation
The John Curtin School of Medical Research, The Australian National University, Canberra
February 2012

Ribozoomin': eIF3 promotes translation reinitiation
2012 Lorne Genome Conference, Lorne, Victoria, Australia
February 2012

eIF3 rocks: from initiation to termination and back to reinitiation
Georg-August University of Göttingen, Göttingen, Germany
January 2012

eIF3 rocks: from initiation to termination and back to reinitiation
Kužela Lectures
Comenius University, Bratislava, Slovakia
April 2011

eIF3 rocks: from initiation to termination and back to reinitiation
Masaryk University, Brno, the Czech Republic
April 2011

How does eIF3 affect the key translation initiation step in stringent selection of the AUG start codon?
IM, AS CR, Prague, the Czech Republic
December 2009

Hungry yeast – eIF3 duties in the gene-specific translational control mechanism termed reinitiation.
UMG, AS CR, Prague, the Czech Republic
December 2009

Hungry yeast - uncovering molecular details of the gene-specific translational control mechanism termed reinitiation.
University of South Bohemia
České Budějovice, the Czech Republic
May 2009

Uncovering molecular details of the gene-specific translational control mechanism termed reinitiation.

The Wellcome Trust Senior Research Fellows' Meeting
London, UK
October 2008

Uncovering molecular detail of the gene-specific translational control mechanism termed reinitiation.

MRC-LMB, Cambridge, UK
October 2008

In the heart of reinitiation – eIF3 as an unexpected key determinant.

University of Aarhus, Aarhus, Denmark
April 2007

KEYNOTE LECTURES

Ribozooming - mapping the contact points between yeast eukaryotic translation initiation factors, small ribosomal proteins and 18S RNA.

RNA Club 2005
Ceske Budejovice, the Czech Republic
October 2005

PLATFORM

Reinitiation revisited.

UMG & Max Planck workshop
UMG, AS CR, Prague, the Czech Republic
November 2007

In the heart of reinitiation – eIF3 as an unexpected key determinant.

2007 Translational Control Meeting
EMBL Heidelberg, Germany
September 2007

In the heart of reinitiation – eIF3 as an unexpected key determinant.

35th Annual Yeast Conference
Smolenice, Slovakia
April 2007

In depth study of physiological roles of TIF34/eIF3i and TIF35/eIF3g subunits of yeast eIF3 in eukaryotic translation initiation.

Howard Hughes Medical Institute Annual Meeting
Janelia Farm, VA
September 2006

Is yeast eIF3 involved in regulation of the AUG start codon recognition process?

XXII. International Conference on Yeast Genetics & Molecular Biology

Bratislava, Slovakia

August 2005

Regulation of the AUG start codon recognition process.

The Cytoskeleton Club 2005

Nove Mesto na Morave, the Czech Republic

April 2005

*Study of the Mechanism of Eukaryotic Translation Initiation Using Yeast *S. cerevisiae* as a Model System.*

Institute of Microbiology ASCR

Prague, the Czech Republic

October 2004

The Yeast eIF3 Subunits TIF32/a and NIP1/c and eIF5 Make Critical Connections with eIF2 and the 40S Ribosome in vivo.

BZH, University of Heidelberg

Heidelberg, Germany

September 2003

The Yeast eIF3 Subunits TIF32/a and NIP1/c and eIF5 Make Critical Connections with eIF2 and the 40S Ribosome in vivo.

EMBL, Heidelberg, Germany

February 2003

The TIF32/a and NIP1/c subunits of yeast eIF3 make critical connections with eIF2 and the 40S ribosome in vivo.

2002 Translational Control Meeting

Cold Spring Harbor, New York

September 2002

Insights into the eukaryotic translation Initiation Factor 3 (eIF3) interactions.

Washington Area Yeast Meeting

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