

Jan Hejátko

Born in Třebíč, Czech Republic, 5/4/1974

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Academic Qualifications

- **2012** Associated Professor of Molecular Biology and Genetics, Masaryk University, Brno, Czech Republic
- **2004** Ph.D. in Genetics, Masaryk University, Brno, Czech Republic
- **2002** RNDr. (Doctor of Science), Genetics, Masaryk University, Brno, Czech Republic
- **1997** Mgr. (Master of Science), Molecular biology and Genetics Masaryk University, Brno, Czech Republic

Positions and Employment

- **2011 – now** Independent group leader of the [Functional Genomics and Proteomics of Plants](#) group, CEITEC - Central European Institute of Technology, Masaryk University, Brno, Czech Republic
- **2005 - now** Head of the Laboratory of Plant Molecular Physiology, Department of Functional Genomics and Proteomics, Faculty of Science, Masaryk University, Brno, Czech Republic
- **1997 - 2005** Laboratory of Plant Molecular Physiology, Department of Functional Genomics and Proteomics, Faculty of Science, Masaryk University, Brno, Czech Republic and Laboratory of Molecular Analysis of Plant Development, Institute of Biophysics, Academy of Sciences of the Czech Republic, Brno, Czech Republic
- **September 1997 - Jun. 1998 and Oct. 1999-Feb.2002** Max-Delbrueck-Lab, working group of Professor Klaus Palme, MPI for Plant Breeding, Köln, Germany
- **1993 - 1997** pre-graduate student in microbiology, laboratory of professor Jan Šmarda, M.D.

Research Focus

- Hormonal regulations of plant development
- Molecular mechanisms of signal transduction via multistep phosphorelay signaling
- More details [here](#)

Honors and Awards

- **2002** Best Student Poster Award, 13-th FESPP conference, Crete
- **1999-2000** DAAD Ph.D. - student fellowship at MPI for Plant Breeding Research, Cologne
- **1996** Dean Prize of Faculty of Science, Masaryk University
- **1996** Prize of chair board of Student conference at Faculty of Medicine, Masaryk University
- **1995** Prize of chair board of Student conference at Faculty of Medicine, Masaryk University

Grants and Fellowships (selected)

- **LTC19047** Ministry of Education, Youth and Sports of the Czech Republic (2019-2021): Brillouin confocal microscopy as a tool for the *in vivo* analysis of biomechanical properties of plant cell walls
- **CZ.02.1.01/0.0/0.0/16_026/0008446** Ministry of Education, Youth and Sports of the Czech Republic (2018-2022): Signal integration and epigenetic reprogramming for plant productivity (SINGING PLANT). **PI: Jan Hejatko**
- **7F14155** Ministry of Education, Youth and Sports of the Czech Republic (2015-2017): Regulation of Plant Cell Wall Metabolism by Cytokinins: Novel Developmental Mechanisms for Biomass Improvement. **PI: Jan Hejatko (CZ)/Thorsten Hamann (NOR)**
- **15-22000S** Czech Science Foundation (2015-2017): Deciphering molecular mechanisms integrating light and hormonal control over plant development. **PI: Jan Hejatko**
- **13-25280S** Czech Science Foundation (2013-2017): Elucidating molecular mechanisms of cytokinins-ethylene crosstalk in the plant development. **PI: Jan Hejatko**
- **LH14104** Ministry of Education, Youth and Sports of the Czech Republic (2014-2016): Introducing the *in vivo* imaging approach for the analysis of molecular mechanisms of cell division and differentiation in the root of *Arabidopsis thaliana*. **PI: Jan Hejatko (CZ)/Elliot Meyerowitz (USA)**
- **7AMB14AT006** Ministry of Education, Youth and Sports of the Czech Republic (2014): Hormonal regulation of secondary thickening in *Arabidopsis*. **PI: Jan Hejatko (CZ)/Thomas Greb (A).**

Lecturing and Tutorials

Main lecturer

- CG020/CG920 Genomics, a basic course
- C8545/S2010 Developmental biology

Teaching participation

- C7301 Genomics, practice
- C8202 Proteomics, a basic course
- C9950 Seminar of the Dept. Functional genomics and Proteomics

Association Memberships

- [American Society of Plant Biologists](#)
- [Society for Experimental Biology](#)

Further Professional Activities and Achievements

- [European Food Safety Authority](#) (EFSA), GMO Panel Expert (2018-2021)
- Rapporteur for the [REA](#) evaluation of H2020 (SFS-5) programme (2015)
- Reviewer for [FWO](#) proposals
- Regular reviewer for Plant Physiology, J. Exp. Bot., Plant Cell, PNAS, New Phytologist, PlosONE, Frontiers in Plant Science, Nature Plants, etc.

Language Skills

- English and German, both spoken and written

Research Papers

1. Samsonova, Z., Kiran, N.S., Novak, O., Spyroglou, I., Skalak, J., **Hejatko, J.**, and Gloser, V. (2020). Steady-State Levels of Cytokinins and Their Derivatives May Serve as a Unique Classifier of *Arabidopsis* Ecotypes. *Plants* (Basel), 9, in press. IF₂₀₁₈ = 2.632

2. Zdarska M, Cuyacot AR, Tarr PT, Yamoune A, Szmitkowska A, Hrdinova V, Gelova Z, Meyerowitz EM and **Hejatko J.** (2019) ETR1 Integrates Response to Ethylene and Cytokinins into a Single Multistep Phosphorelay Pathway to Control Root Growth. *Mol Plant*, 12, 1338-1352. IF₂₀₁₈ = 10.812
3. Petrasek, J., Hoyerova, K., Motyka, V., **Hejatko, J.**, Dobrev, P., Kaminek, M. and Vankova, R. (2019) Auxins and Cytokinins in Plant Development 2018. *International Journal of Molecular Sciences*, 20. IF₂₀₁₇ = 3.687
4. Gigli-Bisceglia, N., Engelsdorf, T., Strnad, M., Vaahtera, L., Khan, G.A., Jamoune, A., Alipanah, L., Novak, O., Persson, S., **Hejatko, J.**, and Hamann, T. (2018). Cell wall integrity modulates Arabidopsis thaliana cell cycle gene expression in a cytokinin- and nitrate reductase-dependent manner. *Development* 145, dev.166678. doi: 10.1242/dev.166678. IF₂₀₁₆ = 5.843
5. Pernisova, M., Grochova, M., Konecny, T., Plackova, L., Harustiakova, D., Kakimoto, T., Heisler, M.G., Novak, O. and **Hejatko, J.** (2018) Cytokinin signalling regulates organ identity via AHK4 receptor in Arabidopsis. *Development*, 145, dev163907. doi:10.1242/dev.163907 IF₂₀₁₆ = 5.843
6. Gelová, Z., ten Hoopen, P., Novák, O., Motyka, V., Pernisová, M., Dabravolski, S., Didi, V., Tillack, I., Okleštková, J., Strnad, M., Hause, B., Haruštiaková, D., Conrad, U., Janda, L. and **Hejátko, J.** (2018) Antibody-mediated modulation of cytokinins in tobacco: organ-specific changes in cytokinin homeostasis. *Journal of Experimental Botany*, 69, 441-454. IF₂₀₁₆ = 5.830
7. Ruzicka, K., **Hejatko, J.** (2017) Auxin transport and conjugation caught together. *Journal of Experimental Botany*, in press, IF₂₀₁₆ = 5.830
8. Otrusinová, O., Demo, G., Padrta, P., Jasenáková, Z., Pekárová, B., Gelová, Z., Szmitkowska, A., Kaderávek, P., Jansen, S., Zachrdla, M., Klumpler, T., Marek, J., Hritz, J., Janda, L., Iwai, H., Wimmerová, M., **Hejátko, J.**, Žídek, L. (2017) Conformational dynamics as a key factor of signaling mediated by the receiver domain of sensor histidine kinase CYTOKININ INDEPENDENT 1 from *Arabidopsis thaliana*. *Journal of Biological Chemistry*, 292, 17525-17540. IF₂₀₁₆ = 4.125.
9. Benesik, M., Novacek, J, Janda, L., Dopitova, R., Melkova, K., Tisakova, L., Doskar, J., Ziek, L., **Hejatko, J.**, Pantucek, R. (2017) Role of SH3b binding domain in a natural deletion mutant of Kayvirus endolysin LysF1 with a broad range of lytic activity. *Virus Genes*, in press. IF₂₀₁₅ = 1.352
10. Paniagua, C., Bilkova, A., Jackson, P., Dabravolski, S., Riber, W., Didi, V., Houser, J., Gigli-Bisceglia, N., Wimmerova, M., Budinska, E., Hamann, T., and **Hejatko, J.** (2017) Dirigent proteins in plants: modulating cell wall metabolism during abiotic and biotic stress exposure. *Journal of Experimental Botany*, 68, 3287-3301, IF₂₀₁₄ = 5.794
11. Ruzicka K, Zhang M, Campilho A, Bodi Z, Kashif M, Saleh M, Eeckhout D, El-Showk S, Li H, Zhong S, De Jaeger G, Mongan NP, **Hejatko J**, Helariutta Y, Fray RG (2017) Identification of factors required for m6 A mRNA methylation in Arabidopsis reveals a role for the conserved E3 ubiquitin ligase HAKAI. *New Phytologist*, 215: 157-172, IF₂₀₁₄ = 6.545

12. Dobisová, T, Hrdinová, V., Žádníková, P., Cuestad, C., Skoupa, S., Urbankova, I., Hejátková, R., Pernisova, M., Benková, E and **Hejátko, J.** (2017) Light controls cytokinin signaling via transcriptional regulation of constitutively active sensor histidine kinase CK11. *Plant Physiology*, 174: 387-404. IF₂₀₁₄ = 6.280
13. Uhlíkova H, Solansky M, Hrdinova V, Sedo O, Kasparovsky T, **Hejátko J**, Lochman J. (2017). MAMP (microbe-associated molecular pattern)-induced changes in plasma membrane-associated proteins. *Journal of Plant Physiology* 210: 51-57. IF₂₀₁₄ = 2.971
14. Nodzynski T, Vanneste S, Zwiewka M, Pernisova M, **Hejátko J**, Friml J. (2016) Enquiry into the Topology of Plasma Membrane-Localized PIN Auxin Transport Components. *Molecular Plant*, 9, 1504-1519. IF₂₀₁₄ = 6.337
15. Pernisova, M., Prat, T., Grones, P., Harustiaková, D., Matonohova, M., Spíchal L., Nodzynski, T., Friml, J. and **Hejátko, J.** (2016) Cytokinin influence root gravitropism via differential regulation of auxin transporter expression and localization in Arabidopsis. *New Phytologist*, 212, 497-509. IF₂₀₁₄ = 7.672
16. Pekarova, B., Szmítzkowska, A., Dopitova, R., Degtjarik, O., Zidek, L. and **Hejátko, J.** (2016) Structural aspects of multistep phosphorelay-mediated signaling in plants. *Molecular Plant*, 9, 71-85. IF₂₀₁₄ = 6.337
17. Zdarska, M., Dobisová, T., Gelová, Z., Pernisová, M., Dabravolski, S. and **Hejátko, J.** (2015) Illuminating light, cytokinin and ethylene signalling crosstalk in plant development. *Journal of Experimental Botany*, 66, 4913-4931. IF₂₀₁₄ = 5.794
18. Jupa, R., Didi, V., **Hejátko, J.**, Gloser, V. (2015) An improved method for the visualisation of conductive vessels in Arabidopsis thaliana inflorescence stems. *Frontiers in Plant Science*, 6, 211. IF₂₀₁₄ = 3.637
19. Didi, V., Jackson, P.A. and **Hejátko, J.** (2015) Hormonal regulation of secondary cell wall formation. *Journal of Experimental Botany*, 66, 5015-5027. IF₂₀₁₄ = 5.794
20. Krejci, J., Stixova, L., Pagacova, E., Legartova, S., Kozubek, S., Lochmanova, G., Zdrahal, Z., Sehnalova, P., Dabrawolski, S., **Hejátko, J.**, and Bartova, E. (2015). Post-Translational Modifications of Histones in Human Sperm. *Journal of Cellular Biochemistry*, 116, 2195-2209. IF₂₀₁₄ = 3.368
21. Hrtyan, M., Šliková, E., **Hejátko, J.** and Růžička, K. (2015) RNA processing in auxin and cytokinin pathways. *Journal of Experimental Botany*, 66, 4897-4912. IF₂₀₁₄ = 5.794
22. Ruzicka, K., Ursache, **Hejátko, J.** and Helariutta, Y. (2015) Xylem development – from the cradle to the grave. *New Phytologist*, 207, 519-535. IF₂₀₁₄ = 6.545
23. Kuderová, A., Gallová, L., Kuricová, K., Nejedlá, E., Čurdová, A., Micenková, L., Plíhal, O., Šmajš, D., Spíchal, L. and **Hejátko, J.** (2015) Identification of AHK2- and AHK3-like cytokinin receptors in Brassica napus reveals two subfamilies of AHK2 orthologues. *Journal of Experimental Botany*, 66, 339-353, IF₂₀₁₂ = 5.794

24. Zábřady, M., Hrdinová, V., Müller, B., Conrad, U., **Hejátko, J.**, Janda, L. (2014) Targeted in vivo inhibition of specific protein–protein Interactions using recombinant antibodies. *Plos ONE*, 9, e109875, IF₂₀₁₂ = 3.534
25. Borkovcová, P., Pekárová, B., Válková, M., Dopitová, R., Brzobohatý, B., Janda, L. and **Hejátko, J.** (2014) Antibodies against CK1_{RD}, a receiver domain of the sensor histidine kinase in *Arabidopsis thaliana*: from antigen preparation to in planta immunolocalization. *Phytochemistry*, 100, 6-15, IF₂₀₁₂= 3.005
26. Benítez, M. and **Hejátko, J.** (2013) Dynamics of cell-fate determination and patterning in the vascular bundles of *Arabidopsis thaliana*. *Plos ONE*, 8, e63108, IF₂₀₁₁= 4.092
27. Degtjarik, O., Dopitova, R., Puehringer, S., Nejedla, E., Kutý, M., Weiss, M.S., **Hejátko, J.**, Janda, L. and Kuta Smatanova, I. (2013) Cloning, expression, purification, crystallization and preliminary X-ray diffraction analysis of AHP2, a signal transmitter protein from *Arabidopsis thaliana*. *Acta Crystallographica Section F*, F69, 158–161, IF₂₀₁₁= 0.506
28. Žďárská, M., Zatloukalová, P., Benítez, M., Šedo, O., Potěšil, D., Novák, O., Svačinová, J., Pešek, B., Malbeck, J., Vašíčková, J., Zdráhal, Z., and **Hejátko, J.** (2013). Proteome analysis in *Arabidopsis* reveals shoot- and root-specific targets of cytokinin action and differential regulation of hormonal homeostasis. *Plant Physiology*, 161, 981-930, IF₂₀₁₁= 6.535
29. Pekárová, B., Klumpler, T., Třísková, O., Horák, J., Borkovcová, P., Jansen, S., Dopitová, R., Papoušková, V., Nejedlá, E., Žídek, L., Sklenář, V., Marek, J., **Hejátko, J.**, Janda, L. (2011) Structure and binding specificity of the receiver domain of sensor histidine kinase CKI1 from *Arabidopsis thaliana*. *Plant Journal*, 67, 827-839, IF₂₀₀₈= 6.946
30. Horák, J., Janda, L., Pekárová, B. and **Hejátko, J.** (2010) Molecular Determinants of the Signalling Specificity via Phosphorelay Pathways in *Arabidopsis*. *Current Protein & Peptide Science*, 12, 126-136, IF₂₀₀₈=3,854
31. Pernisová, M., Kuderová, A. and **Hejátko, J.** (2010) Cytokinin and Auxin Interactions in Plant Development: Metabolism, Signalling, Transport and Gene Expression. *Current Protein & Peptide Science*, 12, 137-147, IF₂₀₀₈=3,854
32. Růžička, K., Strader, L.C., Bailly, A., Yang, H., Blakeslee, J., Łangowska, Ł., Nejedlá, E., Fujita, H., Itoh, H., Syono, K, **Hejátko, J.**, Gray, W.M., Martinoia, E., Geisler, M., Bartel, B., Murphy, A. and Friml, J. (2010) *Arabidopsis* PIS1 encodes the ABCG37 transporter of auxinic compounds including the auxin precursor indole-3-butyric acid. *Proceedings of the National Academy of Sciences of the U.S.A.*, 107, 10749-10753, IF₂₀₀₈= 9.380
33. Žádníková, P., Petrášek, J., Marhavý, P., Raz, V., Schwarzerová, K., Vandenbussche, F., Ding, Z., Morita, T., M., Tasaka, M., **Hejátko, J.**, Van Der Straeten, D., Friml, J., Benková, E. (2010) Role of PIN-mediated auxin efflux in apical hook development of *Arabidopsis thaliana*, *Development*, 137, 607-617, IF₂₀₀₈ = 6.812
34. **Hejátko, J.**, Ryu, H., Kim, G.T., Dobešová, R., Choi, S., Choi, S.M., Souček, P., Horák, J., Pekárová, B., Palme, K., Brzobohatý, B. and Hwang, I. (2009) The histidine kinases CYTOKININ-INDEPENDENT1 and ARABIDOPSIS HISTIDINE KINASE2 and 3 regulate vascular tissue development in *Arabidopsis* shoots. *Plant Cell*, 2008-2021. IF₂₀₀₈= 9.296

35. Klumpler, T., Pekárová, B., Marek, J., Borkovcová, P., Janda, L. and **Hejátko, J.** (2009) Cloning, purification, crystallization and preliminary X-ray analysis of the receiver domain of the histidine kinase CKI1 from *Arabidopsis thaliana*. *Acta Crystallographica Section F*, **F65**, 478-481. IF₂₀₀₈= 0.606
36. Pernisová, M., Klíma, P., Horák, J., Válková, M., Malbeck, J., Souček, P., Reichman, P., Hoyerová, K., Dubová, J., Friml, J., Zažímalová, E. and **Hejátko, J.** (2009) Cytokinins modulate auxin-induced organogenesis in plants via regulation of the auxin efflux. *Proceedings of the National Academy of Sciences of the U.S.A.*, **106**, 3609-3614. IF₂₀₀₈= 9.380
37. Kuderová, A. and **Hejátko, J.** (2009) Spatiotemporal aspect of cytokinin-auxin interaction in hormonal regulation of the root meristem. *Plant Signaling and Behavior*, **4**, 156-157.
38. Benková, E. and **Hejátko, J.** (2009) Hormone interactions at the root apical meristem, *Plant Molecular Biology*, **69**, 383-396. IF₂₀₀₈= 3.541
39. Kuderová, A., Urbánková, I., Válková, M., Malbeck, J., Brzobohatý, B., Némethová, D. and **Hejátko, J.** (2008) Effects of conditional IPT-dependent cytokinin overproduction on root architecture of *Arabidopsis* seedlings. *Plant and Cell Physiology*, **49**, 570-582. IF₂₀₀₈= 3.542
40. Friml, J., Benfey, P., Benková, E., Bennett, M., Berleth, T., Geldner, N., Grebe, M., Heisler, M., **Hejátko, J.**, Jurgens, G., Laux, T., Lindsey, K., Lukowitz, W., Luschnig, C., Offringa, R., Scheres, B., Swarup, R., Torres-Ruiz, R., Weijers, D., Zazimalova, E. (2006) Apical-basal polarity: why plant cells don't stand on their heads. *Trends Plant Sci.*, **11**, 12-14. IF₂₀₀₈= 9.210
41. **Hejátko, J.**, Blilou, I., Brewer, P.B., Friml, J., Scheres, B. and Benková, E. (2006) *In situ* hybridisation technique for mRNA detection in whole mount *Arabidopsis* samples. *Nature Protocols*, **1**, 1939 – 1946. IF₂₀₀₈= 4.170
42. Brewer, P., Heisler, M., **Hejátko, J.**, Friml, J., Benková, E. (2006) *In situ* hybridization for mRNA detection in *Arabidopsis* tissue sections. *Nature Protocols*, **1**, 1462 – 1467. IF₂₀₀₈= 4.170
43. **Hejátko, J.**, Pernisová, M., Eneva, T., Palme, K. and Brzobohatý, B. (2003) The putative sensor histidine kinase CKI1 is involved in female gametophyte development in *Arabidopsis*. *Molecular Genetics and Genomics*, **269**, 443-453. IF₂₀₀₈=2.838
44. **Hejátko, J.** and Šmarda, J. (1997) Temporary desorption of colicin during the process of its adsorption on sensitive bacteria. *Scripta Medica*, **71**, 25-38

Books and Book Chapters

1. Szmitkowska, A., Pekarova, B., and **Hejatko, J.** (2020). A High-Throughput Strategy for Recombinant Protein Expression and Solubility Screen in *Escherichia coli* : A Case of Sensor Histidine Kinase. *Methods Mol Biol*, 2077, 19-36.

2. **Hejátko, J.**, Hakoshima, T. (2018) Plant structural biology: hormonal regulations. Springer, Cham. ISBN 978-3-319-91351-3 ISBN 978-3-319-91352-0 (eBook); <https://doi.org/10.1007/978-3-319-91352-0>
3. Dobisová, T. and **Hejátko, J.** Automated microscopy in forward genetic screening of *Arabidopsis* (2014), in *Methods in Molecular Biology* (ed. John M. Walker), pp. 53 – 66. *Plant Cell Morphogenesis: Methods and Protocols*. Springer Humana Press, Springer Science + Business Media, New York
4. Dubová J. , **Hejátko J.**, Friml J. (2005) Reproduction of Plants, in *Encyclopedia of Molecular Cell Biology and Molecular Medicine* (ed, R. A. Meyers), pp. 249 – 295. Wiley-VCH, Weinheim, Germany

Patents

1. Didi V, Vasickova J, Mansfield, **Hejátko J**, SD (2016) The way of influencing lignification in plants. Czech Patent No. 306073. In CRaTUoBCV Masaryk University (Brno, Canada) ed, Czech Republic
2. **Hejátko, J.**, Dobešová R., Dubová J., Hwang, I., Ryu, H. (2009) Method of regulation of biomass production in plants. Czech patent No. 300145, Granted on January 15, 2009. Applicants: Masaryk University and POSTECH Academy Industry Foundation

Invited Lectures

1. **Hejátko, J.** (2017) Who's Talking? The Signal Integration and Signaling Specificity in Plants. University of Tuebingen, October 5, 2017
2. **Hejátko, J.** (2016) Multistep Phosphorelay - Signal Integration, Specificity and Activation. SEB Annual Meeting in Brighton, UK from 4 – 7 July 2016 at the Brighton Centre
3. **Hejátko, J.** (2016) Multistep Phosphorelay - Signal Integration and Specificity in Plant Development. 11th Workshop and Conference on Advanced Multiphoton and Fluorescence Lifetime Imaging Techniques, Vestec near Prague, June 13-15, 2016
4. **Hejátko, J.** (2015) Multistep Phosphorelay - Signal Integration and Specificity in Plant Development. Californian Institute of Technology (CALTECH), Pasadena, CA, U.S.A., February 17, 2015
5. **Hejátko, J.** (2016) Multistep Phosphorelay - Signal Integration and Specificity in Plant Development. 11th Workshop and Conference on Advanced Multiphoton and Fluorescence Lifetime Imaging Techniques, Vestec near Prague, June 13-15, 2016
6. **Hejátko, J.** (2010) Hormonal regulations of plant development-from multistep phosphorelay to the auxin transport. Seminar of the Department of Molecular biology, Faculty of Science, University of South Bohemia in České Budějovice
7. **Hejátko, J.** (2010) Specificity of plant multistep phosphorelay signalling and cytokinin action at the protein level. Department of Life Sciences, POSTECH Biotech Center, Pohang University of Science and Technology, Pohang, Korea

8. **Hejátko, J.** (2010) Molecular aspects of cytokinin and auxin interaction during de novo organogenesis and root growth in *Arabidopsis* In: Book of Abstracts, IPGSA, 20th International Conference on Plant Growth Substances, pp. 43. 28.6.-2.7. 2010, Tarragona, Spain.
9. **Hejátko, J.** (2007) Brno - The Centre of Excellence in Plant Biotechnology? In: Second Annual International Biotechnology Conference Gate2Biotech, Brno, Czech Republic-Exhibition Center, pp. 39-46. 17.10. 2007, Brno, Czech Republic.
10. **Hejátko, J.,** Pernisová, M., Eneva, T., Palme, K. and Brzobohatý, B. (2003) The gametophytic expression of the gene for sensor histidine kinase *CK11* is essential for embryo sac formation in *Arabidopsis*. in Book of Abstracts, Plant reproduction: from Mendel to molecular biology. 1.-3. 10., pg. 67
11. **Hejátko, J.,** Pernisová, M., Dobešová, R., Horák, J. and Brzobohatý, B. (2003) Inzerční mutagenese ve funkční genomice *Arabidopsis thaliana*. in Kniha abstrakt, 3. metodické dny, Žďárske vrchy, Milovy, 20.-24. 10., pg. 23

International Conference Organization

- [EMBO conference on "Signalling in plant development"](#), 2015, Brno, Czech Republic
- [Plant Vascular Development 2012](#), Vienna, Austria
- [Auxins and Cytokinins in Plant Development - International Symposium](#). 2009, Prague, Czech Republic