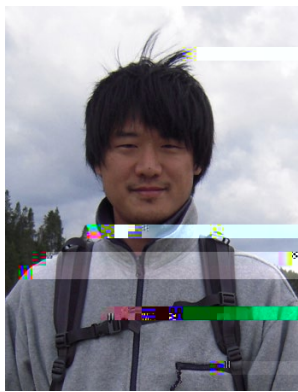


## CURRICULUM VITAE

Personal Information			
Name	Kenichi Tsuda	Gender	Male
Position Title		Professor	
Working Department		Plant Pathology College of Plant Science and Technology	
Email	tsuda@mail.hzau.edu.cn		



Research Interest
<p>Details can be found in <a href="https://publons.com/researcher/1425356/kenichi-tsuda/">https://publons.com/researcher/1425356/kenichi-tsuda/</a> or <a href="https://www.mpipz.mpg.de/tsuda">https://www.mpipz.mpg.de/tsuda</a></p> <ul style="list-style-type: none"> <li>● Plant immunity and abiotic stress</li> <li>● Phytohormones (salicylic acid, jasmonate, ethylene, abscisic acid)</li> <li>● Plant microbiota</li> <li>● Plant evolution</li> </ul>

Professional Memberships
<ul style="list-style-type: none"> <li>● Research Group Leader at Max Planck Institute for Plant Breeding Research, Cologne, Germany</li> <li>● The Advisory Board of Review Commons</li> <li>● Editorial board members of Journal of Plant Research</li> <li>● Associate Editor of Frontiers in Microbiology</li> <li>● Associate Editor of Frontiers in Plant Science</li> <li>● Guest Editor of eLife</li> <li>● Scientific Advisory Board for DynaMo Center of Excellence at University of Copenhagen</li> <li>● Reviewers for international journals including <i>Nature</i>, <i>PNAS</i>, <i>Curr Biol</i>, <i>EMBO J</i>, <i>Nature Plants</i>, <i>PLoS Biol</i>, <i>Nature Comm</i>, <i>eLife</i>, <i>Plant Cell</i>, <i>EMBO Rep</i>, <i>Nucl Acids Res</i>, <i>Curr Opin Plant Biol</i>, <i>Plant J</i>, <i>Plant Physiol</i>, <i>New Phytol</i>, <i>Mol Plant</i></li> </ul>

Other Roles
<ul style="list-style-type: none"> <li>● Research Group Leader at Max Planck Institute for Plant Breeding Research, Cologne, Germany</li> <li>● The Advisory Board of Review Commons</li> <li>● Editorial board members of Journal of Plant Research</li> <li>● Associate Editor of Frontiers in Microbiology</li> <li>● Associate Editor of Frontiers in Plant Science</li> <li>● Guest Editor of eLife</li> <li>● Scientific Advisory Board for DynaMo Center of Excellence at University of Copenhagen</li> <li>● Reviewers for international journals including <i>Nature</i>, <i>PNAS</i>, <i>Curr Biol</i>, <i>EMBO J</i>, <i>Nature Plants</i>, <i>PLoS Biol</i>, <i>Nature Comm</i>, <i>eLife</i>, <i>Plant Cell</i>, <i>EMBO Rep</i>, <i>Nucl Acids Res</i>, <i>Curr Opin Plant Biol</i>, <i>Plant J</i>, <i>Plant Physiol</i>, <i>New Phytol</i>, <i>Mol Plant</i></li> </ul>

Education & Working Experience	
● 2019/09~	<b>Professor</b> , College of Plant Science and Technology, HZAU, China
● 2011/12~	<b>Group Leader</b> , Max Planck Institute for Plant Breeding Research, Germany
● 2005/04-2011/11	<b>Postdoc</b> , University of Minnesota, USA
● 2001/04-2004/09	<b>Ph.D.</b> , Hokkaido University, Japan
● 1999/04-2001/03	<b>M.S.</b> , Hokkaido University, Japan
● 1995/04-1999/03	<b>B.S.</b> , Hokkaido University, Japan

## Publications

61. Wang Y, Garrido-Oter R, Wu J, Winkelmueller TM, Agler M, Colby T, Nobori T, Kemen E, **Tsuda K**: Site-specific cleavage of bacterial MucD by secreted proteases mediates antibacterial resistance in Arabidopsis. *Nature Communications*, 10: 2853 (2019)
60. Nobori T, **Tsuda K**: The plant immune system in heterogeneous environments. *Curr Opin Plant Biol*, 50: 58-66 (2019)
59. Adachi H, **Tsuda K**: Convergence of cell-surface and intracellular immune receptor signalling. *New Phytol*, 221: 1676-1678 (2019)
58. Uemura T, Nakano RT, Takagi J, Wang Y, Kramer K, Finkemeier I, Nakagami H, **Tsuda K**, Ueda T, Schulze-Lefert P, Nakano A: A Golgi-released subpopulation of the *trans*-Golgi network mediates constitutive and pathogen-inducible protein secretion in Arabidopsis. *Plant Physiol*, 179: 519-532 (2019)
57. Berens ML, Wolinska KW, Spaepen S, Ziegler J, Nobori T, Nair A, Krüler V, Winkelmueller TM, Wang Y, Mine A, Becker D, Garrido-Oter R, Schulze-Lefert P, **Tsuda K**: Balancing trade-offs between biotic and abiotic stress responses through leaf age-dependent variation in stress hormone crosstalk. *PNAS*, 116: 2364-2373 (2019)
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55. Nobori T and **Tsuda K**: *In planta* Transcriptome Analysis of *Pseudomonas syringae*. *Bio-protocol*, 8: 2987 (2018)
54. Mine A, Seyfferth C, Kracher B, Berens ML, Becker D, **Tsuda K**: The Defense Phytohormone Signaling Network Enables Rapid, High-amplitude Transcriptional Reprogramming During Effector-Triggered Immunity. *Plant Cell*, 30: 1199-1219 (2018)
53. Nobori T, Mine A, **Tsuda K**: Molecular networks in plant-pathogen holobiont. *FEBS Lett*, 592: 1937-1953 (2018)
52. Nobori T, Velásquez AC, Wu J, Kvitko BH, Kremer JM, Wang Y, He SY, **Tsuda K**: Transcriptome landscape of a bacterial pathogen under plant immunity. *PNAS*, 115: E3055-E3064 (2018)
51. Jacob F, Kracher B, Mine A, Seyfferth C, Blanvillain-Baufume S, Parker JE, **Tsuda K**, Schulze-Lefert P, Maekawa T: A dominant-interfering *camta3* mutation compromises primary transcriptional outputs mediated by both cell surface and intracellular immune receptors in *Arabidopsis thaliana*. *New Phytol*, 217: 1667-1680 (2018)
50. **Tsuda K**: Division of Tasks: Defense by the Spatial Separation of Antagonistic Hormone Activities. *Plant Cell Physiol*, 59: 3-4 (2018)
49. Huot B, Castroverde CDM, Velásquez AC, Hubbard E, Pulman JA, Yao J, Childs KL, **Tsuda K**, Montgomery BL, He SY: Dual impact of elevated temperature on plant defence and bacterial virulence in Arabidopsis. *Nature Comm*, 8: 1808 (2017)
48. Berens ML, Berry HM, Mine A, Argueso CT, **Tsuda K**: Evolution of Hormone Signaling Networks in Plant Defense. *Annu Rev Phytopathol*, 55: 401-425 (2017)
47. Mine A, Berens ML, Nobori T, Anver S, Fukumoto K, Winkelmueller TM, Takeda A, Becker D, **Tsuda K**:

Pathogen exploitation of an abscisic acid- and jasmonate-inducible MAPK phosphatase and its interception by *Arabidopsis* immunity. *PNAS*, 114: 7456-7461 (2017)

46. Shigenaga AM, Berens ML, **Tsuda K**, Argueso CT: Towards Engineering of Hormonal Crosstalk in Plant Immunity. *Curr Opin Plant Biol*, 38: 164-172 (2017)

45. Hillmer R, **Tsuda K**, Rallapalli G, Asai S, Truman W, Papke MD, Sakakibara H, Jone JDG, Myers CL, Katagiri F: The Highly Buffered Arabidopsis Immune Signaling Network Conceals the Functions of its Components. *PLoS Genet*, 13: e1006639 (2017)

44. Mine A, Nobori T†, Salazar-Rondon MC†, Winkelmüller TM, Anver S, Becker D, **Tsuda K**: An incoherent feed-forward loop mediates robustness and tunability in a plant immune network. *EMBO Rep*, 18: 464-476 (2017)

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robustness and tunability in a plant immune signaling network. *Cell Host & Microbe*, 15: 84-94 (2014)

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26. Igarashi D, Bethke G, Xu Y, **Tsuda K**, Glazebrook J, Katagiri F: Pattern-Triggered Immunity Suppresses Programmed Cell Death Triggered by Fumonisin B1. *PLoS One*, 8: e60769 (2013)

25. Igarashi D, **Tsuda K**, Katagiri F: The Peptide Growth Factor, Phytosulfokine, Attenuates Pattern-Triggered Immunity. *Plant J*, 71: 194-204 (2012)

24. Di Mauro MF, Iglesias MJ, Arce DP, Valle EM, Arnold RB, **Tsuda K**, Yamazaki K, Casalongue CA and Godoy AV: MBF1s regulate ABA-dependent germination of *Arabidopsis* seeds. *Plant Sig Behav*, 7: 188-192 (2012)

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22. **Tsuda K**, Qi Y, Nguyen LV, Bethke G, Tsuda Y, Glazebrook J, Katagiri F: An efficient Agrobacterium-mediated transient transformation of *Arabidopsis*. *Plant J*, 69: 713-719 (2012)

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17. Wen Y, Wang W, Feng J, Luo MC, **Tsuda K**, Katagiri F, Bauchan G, Xiao S: Identification and utilization of a



**Additional Information**

**Invited talk**

2019 Nov

**Shanghai Center for Plant Stres**

2009 April

**Hokkaido University**, Sapporo Japan

2009 Feb

**University of Minnesota**, St. Paul, MN, USA