Curriculum vitae

Prof. Hanna Jańska
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Education: University of Wrocław
1977 M.Sc. degree in biochemistry
1982 Ph.D. degree in biochemistry
1998 Habilitation

Current Position and Address
Professor
Department of Biotechnology, University of Wrocław
Przybyszewskiego 63-77, 51-148 Wrocław, Poland

Professional positions

2000	Professor, Department of Biotechnology, University of Wrocław, Poland
1997-1999	Associate Professor, Institute of Biochemistry and Molecular Biology, University of Wrocław, Poland
1993-1997	Assistant Professor, Institute of Biochemistry and Molecular Biology, University of Wrocław, Poland
1990-1993	Postdoctoral Research Associate, Department of Agronomy, Purdue University, USA
1987-1990	Postdoctoral Research Associate, Department of Chemistry, Purdue University, USA
1982-1987	Assistant Professor, Institute of Biochemistry, University of Wrocław
1978-1982	Graduate student, Institute of Biochemistry, University of Wrocław
1977-1978	Teaching and Research Assistant, Institute of Biochemistry, University of Wrocław

Research interest
Biology of plant mitochondria; mitochondrial biogenesis; role of mitochondrial proteases and chaperons in plant growth and development; involvement of mitochondria in plant thermotolerance; cross-talk between nucleus, mitochondria and chloroplasts.

Service – professional
Author or co-author of 44 full-length original scientific publications
Reviewer for Professional Journals: Trends in Plant Science, PNAS, Plant Physiology, Plant Molecular Biology, Current Genetics, Physiologia Plantarum, Acta Biochimica Poloniae, Cellular @ Molecular Biology Letters, Genome letters, Acta Soc.Bot. Polon
2004-present Member of the Editorial Board of Acta Physiologia Plantarum

2003-2007	Member of the National Committee of Biochemistry and Biophysics, Polish Academy of Sciences
2004-2009	Head of the regional branch (Wrocław) of the Polish Biochemical Society
2009-present	Member of the National Committee of the Polish Biochemical Society

Service –academic

1999-present	Head of the Molecular Cell Biology Laboratory, Department of Biotechnology, University of Wrocław
2002-present	Member of the Polish University Accreditation Commission for Biotechnology
1999-present	Member of the Senate Commissions, University of Wrocław
2008-present	Member of the Senate, University of Wrocław
2002-present	Head of the Molecular Biology Section of Graduate Studies at Department of Biotechnology, University of Wrocław
2001-present	Supervisor of the Student Scientific Biotechnology Association, University of Wrocław

10 selected publications

1. **Janska H**, Sarria R, Wołoszyńska M, Arrieta-Montiel M, Mackenzie S **(1998)** „Stoichiometric Shifts in the Common Bean Mitochondrial Genome Leading to Male Sterility and Spontaneous Reversion to Fertility." Plant Cell 10 (7): 1163-1180

2. Arrieta-Montiel M, Lyznik A, Woloszyńska M, **Janska H**, Tohme J, Mackenzie S **(2001)** „Tracing evolutionary and developmental implications of mitochondrial stoichiometric shifting in the common bean." Genetics 158: 851-64

3. Kołodziejczak M, Kołaczkowska A, Szczęsny B, Urantówka A, Knorpp C, Kieleczawa J, **Janska H (2002)**"A higher plant mitochondrial homologue of the yeast m-AAA protease." J Biol Chem, 277: 43792-43798

4. Woloszynska M, Bocer T, Mackiewicz P, **Janska H** (**2004**) " A fragment of chloroplast DNA was transferred horizontally, probably from non-edicots, to mitochondrial genome of *Phaseolus.*" Plant Mol Biol 56 (5): 811-820

4. **Janska H (2005)** „ ATP-dependent proteases in plant mitochondria: What do we know about them today ?" Physiol Plantarum 123 (4): 399 - 405

5. Urantowka A, Knorpp C, Olczak T, Kolodzejczak M, **Janska H (2005)** „Plant mitochondria contain at least two *i*-AAA-like complexes." Plant Mol Biol 59 (2): 239-252

6. Kmiec B, Woloszynska M**, Janska H** (**2006**) "Heteroplasmy as a common state of mitochondrial genetic information in plants and animals." Curr Genet 50:149-59

7.Kolodziejczak M, Gibala M, Urantowka A. **Janska H** (**2007**) "The significance of *Arabidopsis* AAA proteases for activity and assembly/stability of mitochondrial OXPHOS complexes." Physiol Plantarum 129: 135–142

8.Kmiec B, Katrin K, Urantowka A, Sakamoto W, Pratje E, **Janska H (2008)** "Plant mitochondrial rhomboid, AtRBL12, has different substrate specificity form its yeast counterpart." Plant Mol Biol 68:159-171

9. Majewski P. Woloszynska M, **Janska H (2009)** „ Developmentally early and late onset of *Rps10* silencing in Arabidopsis thaliana: genetic and environmental regulation „ J Exp Bot. 60(4):1163-78

10. Gibala M, Kicia M, Sakamoto W, Gola EM, Kubrakiewicz J, Smakowska E, **Janska H (2009)** „The lack of mitochondrial AtFtsH4 protease alters Arabidopsis leaf morphology at the late stage of rosette development under short-day photoperiod." Plant J. 59(5):685-99

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