

CURRICULUM VITAE

Dubcovsky Jorge

Date: February 2009

Born in Buenos Aires, Argentina, January 18, 1957

Citizenship: US citizen.

Status: married to Laura Kuperman. Two children.

EDUCATION

- Elementary teacher. Tertiary School Mariano Acosta, 1977.
- BS in Biological Sciences. University of Buenos Aires. 1984.
- PhD in Biological Sciences. University of Buenos Aires. 1989.
- Postdoctoral training. Molecular Biology Institute. INTA. 1991.
- Postdoctoral training. Dept. Agronomy and Range Sciences, Univ. Calif. Davis. 1992-1994.

Languages

- Spanish and English.

EMPLOYMENT

- National Research Council from Argentina (CONICET) fellowships. 1985-1991.
- Visiting Scientist, Dept. of Agronomy and Range Science. UC Davis. 1992-1993
- Postgraduate Researcher, Dept. of Agronomy and Range Science. UC Davis. 1994.
- Researcher at the National Research Council from Argentina (CONICET). 1994-1996.
- Assistant Professor, Dept. of Agronomy and Range Science. UC Davis. 1996-1999.
- Associate Professor, Dept. of Agronomy and Range Science. UC Davis. 1999-2002.
- Full Professor, Dept. of Plant Sciences. UC Davis. 2003-Continue.

Actual position

- Professor Step V, Dept. of Plant Sciences. UC Davis
- Leader of the UC Davis Wheat Breeding Program and Wheat Molecular Genetics Laboratory.
- International Curator of the Catalogue of Gene Symbols for Wheat

Editorial work

- Editor Crop Science Section C7 2003-2006
- Associate editor Theoretical and Applied Genetics. 2006-continue
- Board of Functional and Integrative Genomics. 2008-continue

AWARDS

- 1996. Argentine Natl. Acad. of Agr. & Vet. Award: "Best research in bread-making quality".
- 2001. National Association of Wheat Growers. Award: "Excellence in Research"
- 2007. USDA-NRI "Discovery Award" best research program 2007.

SOCIETIES

Fellow American Association for the Advancement of Science
Society of Experimental Botany
American Society of Agronomy
Crop Science Society of America.
American Society of Plant Biology

TEACHING

1982-1985 Teaching assistant in Biometry. Sciences Faculty, University of Buenos Aires.
1984 Teaching assistant in Systematic. Sciences Faculty, University of Buenos Aires.
1991 Professor for the Genetics Laboratory, University of Buenos Aires.
1995 Invited Professor. South American Course "Agricultural Biotechnology" U. Nations Univ.
1995 Coordinator course "Biotechnology Seminars", University of Buenos Aires.
1996 Invited Professor for the postgraduate course "Cereal genetics". Univ. of Buenos Aires.
2001 Invited Professor Int. Cell Research Organization (ICRO): "Biotechnological tools for Plant Improvement". Univ. Nac. Sur, Argentina.
1997-2004 Professor for "Plant genetics and biotechnology laboratory" (PLB161A, UC Davis)
1998-2009 Professor for "Experimental design and analysis" (PLS205, UC Davis).
2005-2008 Professor for "Applied Bioinformatics" (BIT150, UC Davis).

Graduate students

1990-1991 Co-director of MS Silvina Marta Lewis (Argentina).
1997-1999 Major Professor MS Martha Jimenez (UCD).
1999- 2002 Major Professor MS Chialing Chan (UCD).
1999-2001 Major Professor MS Boryana Stamova (UCD).
1999-2004 Co-director MS Laura Appendino (Argentina).
2000-2006 Major Professor PhD Gabriela Tranquilli (UCD-Argentina).
2002-2005 Major Professor MS thesis Andrea Miller (UCD).
2001-2005 Co-director PhD thesis Sofia Olmos (UCD-Argentina).
2002-2006 Major Professor. Ph D thesis. Cristobal Uauy. (UCD).
Allen G. Marr Prize for best UC Davis dissertation for 2006.
Gerald O. Motte Scholarship from the Crop Science Society of America
Distinguished Dissertation Award 2006-2007 in Biological and Life Sciences. Council of Graduate Schools
2004-2008 Major Professor Ph D thesis. Juan Brevis. (UCD) In progress.
2005-2009 Major Professor Ph D thesis. Malena Faricelli. (UCD) In progress.
2006-2010 Major Professor Ph D thesis. Iago Lowe. (UCD) In progress.
2008-2010 Major Professor MS thesis. Kati Wu (UCD) In progress.

PATENTS

1. 2001 Qualset C., H. Vogt, J. Heaton, L. Jackson, D. Gillchrist, and, **J. Dubcovsky**. HRS wheat variety Kern. Accepted 8/2/01. PVP No. 2000-00047.
2. 2003 **Dubcovsky, J.**, Liuling Yan, and Artem Loukoianov. Genes responsible for vernalization regulation temperate grasses and uses thereof. Accepted 10/28/04 No. WO/2004/091287
3. 2004 **Dubcovsky, J.**, O. Chicaiza, L. Jackson. HWS wheat variety Clear White. Accepted 11/24/04. PVP No. 2004-00244.
4. 2005 **Dubcovsky, J.**, O. Chicaiza, L. Jackson. Durum variety Desert King. Accepted 7/26/06. PVP No. 2005-00187.

5. 2005 **Dubcovsky, J.**, T. Fahima, C. Uauy, A. Distelfeld. Gene responsible for grain protein content in grasses and uses thereof. UC Case 2005-619. National Phase.
6. 2006 **Dubcovsky, J.**, O. Chicaiza, L. Jackson. PVP for HWS wheat variety “Patwin”. PVP No. 200600297.
7. 2008 **Dubcovsky, J.**, O. Chicaiza, L. Jackson. PVP for HRS wheat variety “Lassik”. PVP No. 200800176.
8. 2009 **Dubcovsky, J.**, T. Fahima, C. Uauy, A. Distelfeld. A novel kinase-START gene conferring resistance to plant disease and transgenic plants comprising it. Patent application 61/153,773

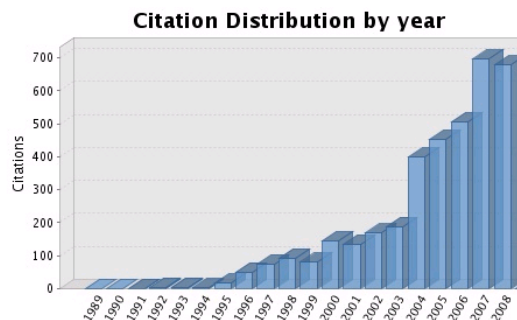
PEER REVIEWED PUBLICATIONS (2009-1987)

145 publications

* 99 first or senior author

Cited 3,874 times

H-index 34.



2009

- * 145. Brevis, J.C., and J. Dubcovsky. 2009. Effects of the chromosome region including the grain protein content locus *Gpc-B1* on wheat grain and protein yield. [Crop Science](#). In press.
- 144. Bainotti, C., J. Frascina, J. H. Salines, J. E. Nisi, **J. Dubcovsky**, S. M. Lewis, L. Bullrich, L. Vanzetti, M. Cuniberti, P. Campos, M. B. Formica, B. Masiero, E. Alberione and M. Helguera. 2009. Registration of 'BIOINTA 2004' wheat. [Journal of Plant Registration](#). In press.
- 143. Garbus, I., A.D. Carrera, **J. Dubcovsky**, and V. Echenique. 2009. Physical mapping of durum wheat lipoxigenase genes. [Journal of Cereal Science](#) In press.
- * 142. Fu, D., C. Uauy, A. Distelfeld, A. Blechl, L. Epstein, X. Chen, H. Sela, T. Fahima, and **J. Dubcovsky**. 2009. A kinase-START gene confers temperature-dependent resistance to wheat stripe rust. [Science](#). 323:1357-1360.
- *141 Distelfeld A., C. Li, and **J. Dubcovsky**. 2009. Regulation of flowering in temperate cereals. [Current Opinion in Plant Biology](#) 12:178-184.
- *140. Pidal B., L. Yan, D. Fu, F. Zhang, G. Tranquilli, **J. Dubcovsky**. 2009. The *CArG*-box in the promoter region of wheat vernalization gene *VRN1* is not necessary to mediate the vernalization response, [J. Hered.](#) doi:10.1093/jhered/esp002

- *139 Distelfeld A., G. Tranquilli, C. Li, L. Yan, **J. Dubcovsky**. 2009. Genetic and molecular characterization of the *VRN2* loci in tetraploid wheat. [Plant Physiology](#) 149:245-257.
- *138. Galiba G., A. Vágújfalvi, C. Li, A. Soltész, **J. Dubcovsky**. 2009. Regulatory genes involved in the determination of frost tolerance in temperate cereals. [Plant Science](#). 176:12-19.
- *137. Chao S., W. Zhang, E. Akhunov, J. Sherman, Y. Ma, M. Luo, and **J. Dubcovsky**. 2009. Analysis of gene-derived SNP marker polymorphism in wheat (*Triticum aestivum* L.). [Molecular Breeding](#). 23:23-33.

2008

- *136. Zhang, W., S. Chao, F. Manthey, O. Chicaiza, J.C. Brevis, V. Echenique, **J. Dubcovsky**. 2008. QTL analysis of pasta quality using a composite microsatellite - SNP map of durum wheat. [Theor. Appl. Genet.](#) 117:1361–1377.
- *135. Lewis S., M.E. Faricelli, M.L. Appendino, M. Valarik, and **J. Dubcovsky**. 2008. The chromosome region including the earliness *per se* locus *Eps-A^m1* affects the duration of early developmental phases and spikelet number in diploid wheat, [J. Exp. Bot.](#) 59: 3595-3607.
- *134. Li, C. and **J. Dubcovsky**. 2008. Wheat FT protein regulates *VRN1* transcription through interactions with FDL2. [The Plant Journal](#) 55:543-554.
- *133. Bonafede, M., O. Chicaiza, G. Tranquilli, and **J. Dubcovsky**. 2008. Registration of an hexaploid wheat translocation line carrying a short segment of chromosome 5A^m including softness genes *Pina* and *Pinb* from *Triticum monococcum*. [Journal of Plant Registration](#). 2:165-166.
- *132. Brevis, J.C., I.A. Khan, O. Chicaiza, C.F. Morris, L. Jackson, and **J. Dubcovsky**. 2008. Agronomic and quality evaluation of common wheat near-isogenic lines carrying the leaf rust resistance gene *Lr47*. [Crop Science](#). 48:1441-1451.
- 131. Vágújfalvi, A., A. Soltész, T. Kellős, **J. Dubcovsky**, L. Cattivelli, and G. Galiba. 2008. Frost tolerance in cereals – from a molecular point of view. [Current Topics in Plant Biology](#). 8:71-80.
- 130. Distelfeld A., A. Korol, **J. Dubcovsky**, C. Uauy, T. Blake, and T. Fahima. 2008. Colinearity between the barley grain protein content (GPC) QTL on chromosome arm 6HS and the wheat *Gpc-B1* region. [Molecular Breeding](#) 22:25-38.
- *129. Zhang, W. and **J. Dubcovsky**. 2008. Association between allelic variation at the *Phytoene synthase 1* gene and yellow pigment content in the wheat grain. [Theoretical and Applied Genetics](#). 116:635-645.
- * 128. Knox, A.K., C. Li, A. Vágújfalvi, G. Galiba, E.J. Stockinger, and **J. Dubcovsky**. 2008. Identification of candidate *CBF* genes for the frost tolerance locus *Fr-A^m2* in *Triticum monococcum*. [Plant Molecular Biology](#). 67:257-270.
- 127. Zhang X.K., X. C. Xia, Y.G. Xiao, **J. Dubcovsky**, and Z. H. He. 2008. Allelic variation at the vernalization genes *Vrn-A1*, *Vrn-B1*, *Vrn-D1* and *Vrn-B3* in Chinese common wheat cultivars and their association with growth habit. [Crop Science](#) 48:458–470.

2007

- * 126 Fu D., C. Uauy, A. Blechl, and **J. Dubcovsky**. 2007. RNA Interference for Wheat Functional Gene Analysis. [Transgenic Research](#) 16: 689-701.
- *125 **Dubcovsky J**, and J Dvorak. 2007. Genome plasticity a key factor in the success of polyploid wheat under domestication. **Science** 316: 1862-1866
- 124 Chao S., W. Zhang, **J. Dubcovsky**, and M. Sorrells. 2007. Evaluation of genetic diversity and genome-wide linkage disequilibrium among US wheat (*Triticum aestivum* L.) germplasm representing different market classes. [Crop Science](#) 47:1018–1030.
- *123 Carrera A., V. Echenique, W. Zhang, M. Helguera, F. Manthey, A. Schragger, A. Picca, G. Cervigni and **J. Dubcovsky**. 2007. A deletion at the *Lpx-B1* locus is associated with low lipoxygenase activity and improved pasta color in durum wheat (*Triticum turgidum* ssp. *durum*). [Journal of Cereal Science](#) 45:67-77.
- *122 Fu, D., M. Dunbar, **J. Dubcovsky**. 2007. Wheat *VIN3*-like PHD finger genes are up-regulated by vernalization. [Mol. Gen. Genomics](#) 277: 301-313.
- *121 Bonafede, M., L. Kong, G. Tranquilli, H. Ohm, and **J. Dubcovsky**. 2007. Reduction of a *Triticum monococcum* chromosome segment carrying the softness genes *Pina* and *Pinb* translocated to bread wheat. [Crop Science](#) 47: 821-826

2006

- *120 Uauy C., A. Distelfeld, T. Fahima, A. Blechl, **J. Dubcovsky**. 2006. A NAC gene regulating senescence improves grain protein, zinc and iron content in wheat. **Science** 314:1298-1300.
- *119 Yan, L., D. Fu, C. Li, A. Blechl, G. Tranquilli, M. Bonafede, A. Sanchez, M. Valarik, and **J. Dubcovsky**. 2006. The wheat and barley vernalization gene *VRN3* is an orthologue of *FT*. **Proc. Natl. Acad. Sci. U.S.A.** 103: 19581-19586.
- *118 Uauy C., J.C. Brevis, and **J. Dubcovsky**. 2006. The high grain protein content gene *Gpc-B1* accelerates senescence and has pleiotropic effects on protein content in wheat. [Journal of Experimental Botany](#). 57: 2785-2794.
- *117 Bregitzer P., D. Fiedler, A.E. Blechl, J. Lin, P. Sebesta, J. Fernandez De Soto, O. Chicaiza, **J. Dubcovsky**. 2006. Changes in high molecular weight glutenin subunit composition can be genetically engineered without impacting wheat agronomic performance. [Crop Sci.](#) 46:1553–1563.
- 116 Chao, S., G.R. Lazo, F. You, C.C. Crossman, D.D. Hummel, N. Lui, D. Laudencia-Chinguanco, J.A. Anderson, T.J. Close, **J. Dubcovsky**, B.S. Gill, K.S. Gill, J.P. Gustafson, S.F. Kianian, N.L.V. Lapitan, H.T. Nguyen, M.E. Sorrells, P.E. McGuire, C.O. Qualset, and O.D. Anderson. 2006. Use of a large-scale *Triticeae* EST resource to reveal gene expression profiles in hexaploid wheat (*Triticum aestivum* L.). [Genome](#). 49:531-544.
- *115. Valárik, M., A. M. Linkiewicz, and **J. Dubcovsky**. 2006. A microcolinearity study at the *earliness per se* gene *Eps-A^m1* region reveals an ancient duplication that preceded the wheat - rice divergence. [Theor Appl Genet](#) 112: 945 – 957.
- *114 Distelfeld A., C. Uauy, T. Fahima, and **J. Dubcovsky**. 2006. Physical map of the wheat

- high-grain protein content gene *Gpc-B1* and development of a high-throughput marker. [New Phytologist](#). 169:753-763.
- *113 Miller A. K., G. Galiba, and **J. Dubcovsky**. 2006. A cluster of eleven *CBF* transcription factors is located at the frost tolerance locus *Fr-A^m2* in *Triticum monococcum*. [Mol. Gen. Genomics](#). 275: 193–203.
- 2005**
- *112 **Dubcovsky, J.**, A. Loukoianov, D. Fu, M. Valarik, A. Sanchez & L. Yan. 2005. Effect of photoperiod on the regulation of wheat vernalization genes *VRN1* and *VRN2*. [Plant Molecular Biology](#). 60:469-480.
- *111 Uauy, C., J.C. Brevis, X. Chen, I.A. Khan, L. Jackson, O. Chicaiza, A. Distelfeld, T. Fahima, and **J. Dubcovsky**. 2005. High-temperature adult plant (HTAP) stripe rust resistance gene *Yr36* from *Triticum turgidum* ssp. *dicoccoides* is closely linked to the grain protein content locus *Gpc-B1*. [Theor Appl Genet](#). 112: 97-105.
- 110 Vágújfalvi, A., A. Aprile, A. Miller, **J. Dubcovsky**, G. Delugu, G. Galiba, L. Cattivelli. 2005. The expression of several *Cbf* genes at the *Fr-A2* locus is linked to frost resistance in wheat. [Mol. Gen. Genomics](#). 274: 506-514.
- 109 vonZitzewitz J., P. Szűcs, **J. Dubcovsky**, L. Yan, E. Francia, N. Pecchioni, A. Casas, T. H.H. Chen, P.M. Hayes, J.S. Skinner. 2005. Molecular and structural characterization of barley vernalization genes. [Plant Molecular Biology](#). 59:449-467.
- *108 Loukoianov, A, L Yan, A Blechl, A Sanchez, and **J Dubcovsky**, 2005. Regulation of *VRN-1* vernalization genes in normal and transgenic polyploid wheat. [Plant Physiol](#). 138:2364-2373.
- *107 Chicaiza, O., I.A. Khan, X. Zhang, J.C. Brevis, L. Jackson, X. Chen, and **J. Dubcovsky**. 2005. Registration of five wheat isogenic lines for leaf rust and stripe rust resistance genes. *Crops Science* 46: 485-487.
- *106 Zhang W., A. Lukaszewski, J. Kolmer, M. Soria, S. Goyal, **J. Dubcovsky**. 2005. Molecular characterization of durum and common wheat recombinant lines carrying leaf rust resistance (*Lr19*) and yellow pigment (*Y*) genes from *Lophopyrum ponticum*. [Theoretical & Applied Genetics](#) 111: 573 – 582.
- *105 Chicaiza O., L. Jackson, and **J. Dubcovsky**. 2005. Registration of “Clear White” wheat. [Crop Science](#) 45: 2652-2653.
- *104. Yan L., J. von Zitzewitz, J. Skinner, P.M. Hayes, and **J. Dubcovsky**. 2005. Molecular characterization of the duplicated meristem identity genes *HvAP1a* and *HvAP1b* in barley. [Genome](#). 48:905-912.
- *103. Kade, M. A. J. Barneix, S. Olmos and **J. Dubcovsky**. 2005. Nitrogen uptake and remobilization in tetraploid Langdon durum wheat and a recombinant substitution line with the high grain protein gene *Gpc-B1*. [Plant Breeding](#). 124: 343-349.
- *102. Fu D, P. Szucs, L. Yan, M. Helguera, J. S. Skinner, P. Hayes P, and **J. Dubcovsky**. 2005. Large deletions in the first intron of the *VRN-1* vernalization gene are associated with spring growth habit in barley and polyploid wheat. [Mol. Gen. Genomics](#). 273: 54 - 65.
- *101. Helguera, M., L. Vanzetti, M. Soria, I. A. Khan, J. Kolmer, **J. Dubcovsky**. 2005. PCR markers for *Triticum speltoides* leaf rust resistance gene *Lr51* and their use to develop isogenic hard red spring wheat lines. [Crop Science](#). 45: 728-734.

*100. **Dubcovsky, J.**, C.-L. Chen, and L. Yan. 2005. Molecular characterization of the allelic variation at the *VRN-H2* vernalization locus in barley. *Mol Breeding*. 15:395-407.

2004

*99. Yan, L., M. Helguera, K. Kato, S. Fukuyama, J. Sherman, and **J. Dubcovsky**. 2004. Allelic variation at the *VRN-1* promoter region in polyploid wheat. *Theoretical and Applied Genetics*. 109: 1677–1686.

98. Gieco, J. O.; **J. Dubcovsky** and L. E. A. Camargo. 2004. Aggressiveness and physiological specialization among isolates of *Septoria tritici* Rob. *Scientia Agricola*: 61: 414-421.

97. Adhikari, T.B., J.R. Cavaletto, **J. Dubcovsky**, J. Gieco, A.R. Schlatter, and S.B Goodwin. 2004. Molecular mapping of the *Stb4* gene for resistance to septoria tritici blotch in wheat. *Phytopathology*. 94:1198-1206.

96. Zhang D, D.W. Choi, S. Wanamaker, R.D. Fenton, A. Chin, M. Malatrasi, Y. Turuspekov, H. Walia, E. D. Akhunov, P. Kianian, C. Otto, K. Simons, K.R. Deal, V. Echenique, B. Stamova, K. Ross, G.E. Butler, L. Strader, S.D. Verhey, R. Johnson, S. Altenbach, K. Kothari, C. Tanaka, M.M. Shah, D. Laudencia-Chinguanco, P. Han, R.E. Miller, C.C. Crossman, S. Chao, G.R. Lazo, N. Klueva, J.P. Gustafson, S.F. Kianian, **J. Dubcovsky**, M.K. Walker-Simmons, K.S. Gill, J. Dvorak, O.D. Anderson, M.E. Sorrells, P.E. McGuire, C.O. Qualset, H.T. Nguyen, and T.J. Close. 2004. Construction and Evaluation of cDNA Libraries for Large-Scale Expressed Sequence Tag Sequencing in Wheat (*Triticum aestivum* L.) *Genetics* 168: 595-608.

95. Lazo, G.R., S. Chao, D. H. Hummel, H. Edwards, C.C. Crossman, N. Lui, D. E. Matthews, V.L. Carollo, D. Hane, F.M. You, E. Butler, R. Miller, T. Close, J.H. Peng, N.L.V. Lapitan, J.P. Gustafson, L.L. Qi, B. Echaliier, B.S. Gill, M. Dilbirligi, D. Sandhu, K. S. Gill, R.A. Greene, M.E. Sorrells, E.D. Akhunov, J. Dvorak, A.M. Linkiewicz, **J. Dubcovsky**, K. Hossain, S.F. Kianian, A. Mohmand, Miftahudin, E. Wennerlind, J.A. Anderson, M.S. Pathan, H.T. Nguyen, and O. D. Anderson. 2004. Development of a 16,009 loci wheat (*Triticum aestivum* L.) bin-delineated map: Expressed Sequence Tag (EST) generation, unigene analysis, probe selection, and bioinformatics. *Genetics* 168: 585-593.

94. Peng, J.H., H. Zadeh, G. Lazo, J.P. Gustafson, S. Chao, O.D. Anderson, L.L. Qi, B. Echaliier, B.S. Gill, M. Dilbirligi, D. Sandhu, K. S. Gill, R.A. Greene, M.E. Sorrells, E.D. Akhunov, J. Dvorak, A.M. Linkiewicz, **J. Dubcovsky**, K. Hossain, S.F. Kianian, A. Mohmand, Miftahudin, E. Wennerlind, J.A. Anderson, M.S. Pathan, H.T. Nguyen, P.E. McGuire, C.O. Qualset, and N.L.V. Lapitan. 2004. Chromosome Bin Map of Expressed Sequence Tags in Homoeologous Group 1 of Hexaploid Wheat and Homoeology with Rice and Arabidopsis. *Genetics* 168: 609-623.

93. Conley E.J., V. Nduati, J.L. Gonzalez-Hernandez, A. Mesfin, M.Trudeau-Spanjers, S. Chao, G.R. Lazo, D.D. Hummel, O.D. Anderson, L.L. Qi, B.S. Gill, B. Echaliier, A.M. Linkiewicz, **J. Dubcovsky**, E.D. Akhunov, J. Dvorák, J.H. Peng, N.L.V. Lapitan, M.S. Pathan, H.T. Nguyen, X.-F. Ma, Miftahudin, J.P. Gustafson, R.A. Greene, M.E. Sorrells, K.G. Hossain, V. Kalavacharla, S.F. Kianian, D. Sidhu, M. Dilbirligi, K.S. Gill, D.W. Choi, R.D. Fenton, T.J. Close, P.E. McGuire, C.O. Qualset, and J.A. Anderson. 2004. A

2600-Locus Chromosome Bin Map of Wheat Homoeologous Group 2 Reveals Interstitial Gene-Rich Islands and Colinearity With Rice. *Genetics* 168: 625-637.

92. Munkvold, J.D., R.A. Greene, C.E. Bermudez-Kandianis, C.M. La Rota, H. Edwards, S.F. Sorrells, T. Dake, D. Benscher, R. Kantety, A.M. Linkiewicz, **J. Dubcovsky**, E.D. Akhunov, J. Dvorak, Miftahudin, J.P. Gustafson, M.S. Pathan, H.T. Nguyen, D.E. Matthews, S. Chao, G.R. Lazo, D. Hummel, O.D. Anderson, J.A. Anderson, J.L. Gonzalez-Hernandez, J.H. Peng, N.L.V. Lapitan, L.L. Qi, B. Echaliier, B.S. Gill, K. Hossain, V. Kalavacharla, S.F. Kianian, D. Sandhu, M. Eryman, K.S. Gill, P.E. McGuire, C.O. Qualset, and M.E. Sorrells. 2004. Group 3 Chromosome Bin Maps of Wheat and Their Relationship to Rice Chromosome 1. *Genetics*. 168: 639-650.
91. Miftahudin, K. Ross, X.-F. Ma, A. Mahmoud, J. Layton, M. Rodriguez, T. Chikmawati, J. Ramalingam, O. Feril, M.S. Pathan, G. Surlan Momirovic, S. Kim, K. Chema, P. Fang, L. Haule, H. Struxness, J. Birkes, C. Yaghoubian, R. Skinner, V. Nguyen, A.M. Linkiewicz, **J. Dubcovsky**, E.D. Akhunov, J. Dvorak, M. Dilbirligi, K.S. Gill, J.H. Peng, N.L.V. Lapitan, C.E. Bermudez-Kandianis, M.E. Sorrells, K.G. Hossain, V. Kalavacharla, S.F. Kianian, G. Lazo, S. Chao, O.D. Anderson, L. Qi, B.S. Gill, J. Gonzalez, E. Wennerlind, J.A. Anderson, D-W. Choi, D. Fenton, T.J. Close, P.E. McGuire, C.O. Qualset, H. T. Nguyen, and J.P. Gustafson. Analysis of Wheat EST Loci on Wheat Chromosome Group 4. *Genetics* 168: 651-663.
- *90. Linkiewicz, A.M., L.L. Qi, B.S. Gill, B. Echaliier, S. Chao, G.R. Lazo, D. Hummel, O.D. Anderson, E.D. Akhunov, J. Dvorak, M.S. Pathan, H.T. Nguyen, J.H. Peng, N.L.V. Lapitan, Miftahudin, J.P. Gustafson, C.M. La Rota, M.E. Sorrells, K. Hossain, V. Kalavacharla, S.F. Kianian, M. Dilbirligi, K.S. Gill, E. Wennerlind, J.A. Anderson, R.D. Fenton, T.J. Close, P.E. McGuire, C.O. Qualset, and **J. Dubcovsky**. 2004. A 2500-loci bin map of wheat homoeologous group 5 provides insights on gene distribution and colinearity with rice. *Genetics* 168: 665–676.
89. Randhawa, H.S., M. Dilbirligi, D. Sidhu, M. Erayman, D. Sandhu, S. Bondareva, S. Chao, G. Lazo, O.D. Anderson, Miftahudin, J.P. Gustafson, B.Echaliier, L.Qi, B.S. Gill, E.D.Akhunov, J.Dvorak⁵, A.M. Linkiewicz, **J. Dubcovsky**, C.E. Bermudez-Kandianis, R.A. Greene, M.E. Sorrells, E. Wennerlind, J.A. Anderson, J.H. Peng, N.L.V. Lapitan, K. Hossain, S.F. Kianian, M.S. Pathan, H.T. Nguyen, T.R. Endo, T.J. Close, P. Mcguire, C.O. Qualset¹¹, and Kulvinder S.Gill. 2004. Deletion mapping of homoeologous group 6-specific wheat ESTs. *Genetics* 168: 677-686.
88. Hossain, K.G., V. Kalavacharla, G. Lazo, J. Hegstad, M.J. Wentz, K. Simons, S. Gehlhar, R.R. Syamala, K. Obeori, B. Suresh, P. Karunadharma, S. Chao, O.D. Anderson, L. Qi, B.S. Gill, A.M. Linkiewicz, **J. Dubcovsky**, E.D. Akhunov, J. Dvorak, Miftahudin, J.P. Gustafson, M. Dilbirligi, K.S. Gill, J.H. Peng, N.L.V. Lapitan, T. Dake, C.E. Bermudez-Kandianis, M.E. Sorrells, O. Feril, M.S. Pathan, H.T. Nguyen, J.L. Gonzalez-Hernandez, E. Wennerlind, J.A. Anderson, D. Fenton, T.J. Close, P.E. McGuire, C.O. Qualset, and S.F. Kianian. 2004 A Chromosome Bin Map of 2148 Expressed Sequence Tag Loci of Wheat Homoeologous Group 7. *Genetics* 168: 687-699.
87. Qi, L., B. Echaliier, S. Chao, G. Lazo, O.D. Anderson, E.D. Akhunov, J. Dvorak, A.M. Linkiewicz, A. Ratnasiri, **J. Dubcovsky**, C.E. Bermudez-Kandianis, R.A. Greene, R.

- Kantety, M. La Rota, J.D. Munkvold, S.F. Sorrells, M.E. Sorrells, M. Dilbirligi, D. Sidhu, M. Eryman, H.S. Randhawa, D. Sandhu, S. Bondareva, K.S. Gil⁵, A. Mahmoud, X-F. Ma, Miftahudin, J.P. Gustafson, E.J. Wennerlind, V. Nduati, J.L. Gonzalez-Hernandez, J.A. Anderson, J.H. Peng, N.L.V. Lapitan, K. Hossain, V. Kalavacharla, S.F. Kianian, M.S. Pathan, D. Zhang, H.T. Nguyen, D.W. Choi, T.J. Close, P.E. McGuire, C.O. Qualset, and B.S. Gill. 2004 A chromosome bin map of 16,000 EST loci and distribution of genes among the three genomes of polyploid wheat. *Genetics* 168: 701-712.
86. Gieco, J. O.; **J. Dubcovsky** and L. E. A. Camargo. 2004. Interaction between resistance to *Septoria tritici* and phenological stages in wheat. *Scientia Agricola* 61: 422-426.
- *85. **Dubcovsky, J.** 2004. Marker Assisted Selection in Public Breeding Programs: The Wheat Experience. *Crop Science* 44: 1895-1898.
- *84. Sherman, J.D., L. Yan, L. Talbert, and **J. Dubcovsky**. 2004. A PCR marker for growth habit in common wheat based on allelic variation at the *Vrn-A1* gene. *Crop Science* 44:1832-1838.
83. Cenci, A., S. Somma, N. Chantret, **J. Dubcovsky**, and A. Blanco. 2004. PCR identification of durum wheat BAC clones containing genes coding for carotenoid biosynthesis enzymes and their chromosome localization. *Genome* 47:911-917.
- *82. Chantret, N., A. Cenci, F. Sabot, O.D. Anderson, and **J. Dubcovsky**. 2004. Sequencing of *Triticum monococcum* Hardness locus reveals good microcolinearity with rice. *Molecular Genetics and Genomics*. 271:377-386.
81. Gu, Y.Q., C. Crossman, X. Kong, M. Luo, F.M. You, D. Coleman-Derr, **J. Dubcovsky**, and O.D. Anderson 2004. Genomic organization of the complex a-gliadin gene loci in wheat. *Theoretical & Applied Genetics*. 109: 648-657.
- *80. Yan, L., A. Loukoianov, A. Blechl, G. Tranquilli, W. Ramakrishna, P. SanMiguel, J.L. Bennetzen, V. Echenique, and **J. Dubcovsky**. 2004. The wheat *VRN2* gene is a flowering repressor down-regulated by vernalization. *Science* 303:1640-1644.
79. Kong, X.Y., Y.Q. Gu, F.M. You, **J. Dubcovsky**, and O.D. Anderson. 2004. Dynamics of the evolution of orthologous and paralogous portions of a complex locus region in two genomes of allopolyploid wheat. *Pl. Mol. Biol.* 54:55-69.
- *78. Distelfeld A, C Uauy, S Olmos, AR Schlatter, **J Dubcovsky** and T Fahima. 2004. Microcolinearity between a 2-cM region encompassing the grain protein content locus *Gpc-6B1* on wheat chromosome 6 and a 350-kb region on rice chromosome 2. *Functional and Integrative Genomics*. 4: 59-66.

2003

77. Crosatti, C., C. Marè, E. Mazzucotelli, S. Belloni, S. Barilli, R. Bassi, **J. Dubcovsky**, G. Galiba, A.M. Stanca, and L. Cattivelli. 2003. Genetic analysis of the expression of the cold-regulated gene *cor14b*: a way toward the identification of components of the cold response signal transduction in *Triticeae*. *Canadian Journal of Botany*. 81:1162-1167.
76. Akhunov E.D., A.R. Akhunov, A.M. Linkiewicz, **J. Dubcovsky**, D. Hummel, G. Lazo, S. Chao, O.D. Anderson, J. David, L. Qi, B. Echalièr, B.S. Gill, Miftahudin, J.P. Gustafson, M. La Rota, M.E. Sorrells, D. Zhang, H.T. Nguyen, V. Kalavacharla, K. Hossain, S.F. Kianian, J. Peng, N.L.V. Lapitan, E.J. Wennerlind, V. Nduati, J.A. Anderson, D. Sidhu,

- K.S. Gill, P.E. McGuire, C.O. Qualset, and J. Dvorak. 2003. Synteny perturbations between wheat homoeologous chromosomes caused by locus duplications and deletions correlate with recombination rates along chromosome arms. [Proc. Natl. Acad. Sci. US](#). 100:10836-10841.
- *75. Olmos S., A. Distelfeld, O. Chicaiza, A.R. Schlatter, T. Fahima, V. Echenique, and **J. Dubcovsky**. 2003. Precise mapping of a locus affecting grain protein content in durum wheat. [Theor. Appl. Genet.](#) 107:1243-1251.
74. Sorrells, M.E., C. M. La Rota, C. E. Bermudez-Kandianis, R. A. Greene, R. Kantety, J. D. Munkvold, Miftahudin, A. Mahmoud, P. P. Gustafson, L. L. Qi, B. E. Echalié, B. S. Gill, D. E. Matthews, G. R. Lazo, S. Chao, O. D. Anderson, H. Edwards, A. M. Linkiewicz, **J. Dubcovsky**, E. D. Akhunov, J. Dvorak, D. Zhang, H. T. Nguyen, J. Peng, N. L.V. Lapitan, J. L. Gonzalez-Hernandez, J. A. Anderson, K. G. Hossain, V. Kalavacharla, S. F. Kianian, D. W. Choi, T. J. Close, M. Dilbirligi, K. S. Gill, C. Steber, M. K. Walker-Simmons, P. E. McGuire, and C. O. Qualset. 2003. Comparative DNA Sequence Analysis of Wheat and Rice Genomes. [Genome Research](#). 13:1818-1827.
- *73. Helguera, M., I. A. Khan, J. Kolmer, D. Lijavetzky, L. Zhong-qi, **J. Dubcovsky**. 2003. PCR assays for the *Lr37-Yr17-Sr38* cluster of rust resistance genes and their use to develop isogenic hard red spring wheat lines. [Crop Science](#). 43:1839-1847.
- *72. Chen, X., M.A. Soria, G. Yan, J. Sun, and **J. Dubcovsky**. Development of user-friendly PCR markers for wheat stripe rust resistance gene *Yr5*. 2003. [Crop Science](#) 43:2058-2064.
71. Wicker T., N. Yahiaoui, R. Guyot, E. Schlagenhauf, Z.-D. Liu, **J. Dubcovsky**, and B. Keller. 2003. Rapid genome divergence at orthologous LMW Glutenin loci of the A and A^m genomes of wheat. [The Plant Cell](#) 15: 1186-1197.
70. Akhunov E.D., J.A. Goodyear, S. Geng, L. Qi, B. Echalié, B.S. Gill, G. Lazo, S. Chao, O.D. Anderson, A.M. Linkiewicz, **J. Dubcovsky**, M. La Rota, M.E. Sorrells, Miftahudin, D. Zhang, H.T. Nguyen, J.P. Gustafson, V. Kalavacharla, K. Hossain, S.F. Kianian, J. Peng, N.L.V. Lapitan, J.L. Gonzalez-Hernandez, J.A. Anderson, D.-W Choi, T.J. Close, M. Dilbirligi, K.S. Gill, M.K. Walker-Simmons, C. Steber, P.E. McGuire, C.O. Qualset, and J. Dvorak. 2003. The organization and rate of evolution of wheat genomes are correlated with recombination rates along chromosome arms. [Genome Research](#). 13: 753-763.
- *69. Yan, L., A. Loukoianov, G. Tranquilli, M. Helguera, T. Fahima, and **J. Dubcovsky**. 2003. Positional cloning of wheat vernalization gene *VRN1*. [Proc. Natl. Acad. Sci. US](#) 100:6263-6268.
- *68. Cenci, A., N. Chantret, K. Xy, Y. Gu, O.D. Anderson, T. Fahima, A. Distelfeld, and **J. Dubcovsky**. 2003. Construction and characterization of a half million clones Bacterial Artificial Chromosome (BAC) library of durum wheat. [Theor Appl Genet](#) 107:931-939.
- *67. Vágújfalvi A., G. Galiba, L. Cattivelli, **J. Dubcovsky**. 2003. The cold regulated transcriptional activator *Chf3* is linked to the frost-tolerance gene *Fr-A2* on wheat chromosome 5A. [Mol Gen Genomics](#). 269:60-67.

2002

- *66. Yan L., V. Echenique, C. S. Busso, P. SanMiguel, W. Ramakrishna, J.L. Bennetzen, S. Harrington, and **J. Dubcovsky**. 2002. Cereal genes similar to *Snf2* define a new

- subfamily that includes human and mouse genes. [Molecular and General Genomics](#) 268:488-499.
65. Ramakrishna W., **J. Dubcovsky**, Park Y.-J., Busso C. S., Emberton J., SanMiguel P., and Bennetzen J. L. 2002. Different types and rates of genome evolution detected by comparative sequence analysis of orthologous segments from four cereal genomes. [Genetics](#) 162:1389-1400.
- *64. Gianibelli, M.C., M. Echaide, O.R. Larroque, J.M. Carrillo, and **J. Dubcovsky**. 2002. Molecular Characterisation of *Glu-1* Loci in Argentinean Wheat Cultivars. [Euphytica](#) 128:61-73.
- *63. Tranquilli G., J. Heaton, O. Chicaiza and **J. Dubcovsky**. 2002. Substitutions and deletions of genes related to grain hardness in wheat and their effect on grain texture. [Crop Science](#). 42:1812-1817.
- *62. Bullrich L., M.L. Appendino, G. Tranquilli, S. Lewis, and **J. Dubcovsky**. 2002. Mapping of a thermo-sensitive earliness *per se* gene on *Triticum monococcum* chromosome 1A^m. [Theor. Appl. Genet.](#) 105: 585-593.
- *61. SanMiguel, P., W. Ramakrishna, J. L. Bennetzen, C. Busso, and **J. Dubcovsky**. 2002. Transposable elements, genes and recombination in a 215-kb contig from wheat chromosome 5A. [Functional and Integrative Genomics](#). 2: 70-80.
60. Gupta, P.K., H.S. Balyan, K.J. Edwards, P. Isaac, V. Korzun, M. Röder, M. Gautier, P. Joudrier, A.R. Schlatter, **J. Dubcovsky**, R.C. De la Peña, M. Khairallah, G. Penner, M. Jordan, M.J. Hayden, P. Sharp, B. Keller, R.C.C. Wang, J.P. Hardouin, P. Jack, B. Charef, P. Leroy. 2002. Genetic mapping of sixty-three new microsatellite loci in bread wheat. [Theor. & Appl. Genet](#) .105: 413-422.
- *59. Tranquilli, G., M. Cuniberti, M. C. Gianibelli, L. Bullrich, O. Larroque, F. MacRitchie and **J. Dubcovsky**. 2002. Effect of *Triticum monococcum* glutenin loci on bread-making and cookie quality. [J. of Cereal Science](#). 36: 9-18.
- *58. Echenique, V.C., B. Stamova, P. Wolters, G. R. Lazo, V. L. Carollo, and **J. Dubcovsky**. 2002. Frequencies of Ty1-*copia* and Ty3-*gypsy* retroelements within the *Triticeae* EST databases. [Theor. Appl. Genet.](#) 104: 840-844.
57. Lagudah, E., **J. Dubcovsky**, and W. Powell. 2001. Wheat Genomics. [Plant Physiology and Biochemistry](#). 39:335-344.
- 2001**
56. Galiba, G., I. Kerepesi, A. Vagujfalvi, G. Kocsy, L. Cattivelli, **J. Dubcovsky**, J.W. Snape, and J. Sutka. 2001. Mapping of genes involved in glutathione, carbohydrate and COR14b cold induced protein accumulation during cold hardening in wheat. [Euphytica](#) 119: 173-177.
55. Rousset, M., P. Brabant, R.S. Kota, **J. Dubcovsky**, and J. Dvorak. 2001. Use of recombinant substitution lines for gene mapping and QTL analysis of bread making quality in wheat. [Euphytica](#) 119: 81-87.
- *54. **Dubcovsky, J.**, W. Ramakrishna, P. SanMiguel, C. S. Busso, L. Yan, B. A. Shiloff, and J. L. Bennetzen. 2001. Comparative sequence analysis of colinear barley and rice BACs. [Plant Physiology](#). 125:1342-1353.
- *53. Manifesto, M. M., A.R. Schlatter, H.E. Hopp, E.Y. Suárez, and **J. Dubcovsky**. 2001.

Quantitative evaluation of genetic diversity in wheat germplasm using molecular markers. *Crop Science*. 41: 682-690.

2000

- *52. **Dubcovsky, J.**, L. Bullrich, M. Echaide, A. R. Schlatter, M. Manifesto, G. Tranquilli, L. Pflüger, S. Feingold, A. J. Barneix, E. H. Hopp, E. Y. Suárez. 2000. Genetic determinants of bread making quality of Argentinean wheats. *RIA* 29: 1-30.
- *51. Tranquilli, G., and **J. Dubcovsky**. 2000. Epistatic interaction between vernalization genes *Vrn-A^{m1}* and *Vrn-A^{m2}* in *Triticum monococcum*. *The J. of Heredity*. 91:304-306.
- 50. Vágúfalvi, A., C. Crosatti, G. Galiba, **J. Dubcovsky**, and L. Cattivelli. 2000. Two loci on wheat chromosome 5A regulate the differential cold-dependent expression of the *cor14b* gene in frost tolerant and sensitive genotypes. *Mol. Gen. Gen.* 263: 194-200.
- *49. Helguera, M., I. A Khan, and **J. Dubcovsky**. 2000. Development of PCR markers for wheat leaf rust resistance gene *Lr47*. *Theor. Appl. Genet.* 100: 1137-1143.
- *48. Khan, I. A., J. D. Procnier, D. G. Humphreys, G. Tranquilli, A. R. Schlatter, S. Marcucci-Poltri, R. Froberg, and **J. Dubcovsky**. 2000. Development of PCR based markers for a high grain protein content gene from *Triticum turgidum* ssp. *dicoccoides* transferred to bread wheat. *Crop Science* 40: 518-524.
- *47. **Dubcovsky, J.**, G. Tranquilli, I. A. Khan, L. A. Pflüger, E. Suárez, M. Rousset, and J. Dvorak. 2000. Comparisons of recombination frequencies in hybrids involving telocentric and bibrachial wheat chromosomes. *Theor. Appl. Genet.* 100: 308-314.
- *46. Lukaszewski, A. J., D.R. Porter, E. F. Antonelli, and **J. Dubcovsky**. 2000. Registration of two germplasms of common wheat with interstitial translocations of *Triticum speltoides* carrying leaf rust and greenbug resistance genes. *Crop Science*. 40:590.

1999

- *45. Tranquilli, G., D. Lijavetzky, G. Muzzi, and **J. Dubcovsky**. 1999. Genetic and physical characterization of grain texture-related loci in diploid wheat. *Molecular and General Genetics*. 262: 846-850.
- *44. Jimenez, M. and **J. Dubcovsky**. 1999. Chromosome location of genes affecting polyphenol oxidase activity in seeds of common and durum wheat. *Plant Breeding*. 118: 395-398.
- *43. Lijavetzky, D., G. Muzzi, T. Wicker, B. Keller, R. Wing, and **J. Dubcovsky**. 1999. Construction and characterization of a bacterial artificial chromosome (BAC) library for the A genome of wheat. *Genome*. 42:1176-1182.
- 42. Devos, K.M., M.E. Sorrells, J.A. Anderson, T.E. Miller, S. M. Reader, A.J. Lukaszewski, **J. Dubcovsky**, P. Sharp, J. Faris, M.D. Gale. 1999. Chromosome aberrations in wheat nullisomic-tetrasomic and ditelosomic lines. *Cereal Research Communications*. 27: 231-239.

1998

- *41. **Dubcovsky, J.**, A. J. Lukaszewski, M. Echaide, E. F. Antonelli and D.R. Porter. 1998. Molecular characterization of two *Triticum speltoides* interstitial translocations carrying leaf rust and green bug resistance genes. *Crop Science*. 38:1655-1660.
- *40. **Dubcovsky, J.**, D. Lijavetzky, L. Appendino, and G. Tranquilli. 1998. Comparative RFLP mapping of *Triticum monococcum* genes controlling vernalization requirement. *Theor. & Appl. Genet.* 97: 968-975.

- *39. Tranquilli G., M. Cuniberti, C. Gianibelli, L. Bullrich, O. Larroque, F. MacRitchie and **J. Dubcovsky**. 1998. Effect of *Triticum monococcum* glutenin loci on bread making quality. [Proceedings of the 9th International Wheat Genetic Symposium](#). Saskatoon, Canada. 4:282-284.
- *38. Manifesto, M.M., S. Feingold, H.E. Hopp, A.R. Schlatter, and **J. Dubcovsky**. 1998. Molecular markers associated with differences in breadmaking quality in a cross between bread wheat cultivars with the same high M_r glutenins. [Journal of Cereal Science](#). 27: 217-227.

1997

37. Santa-María, G., F. Rubio, **J. Dubcovsky**, and A. Rodríguez-Navarro. 1997. The HAK1 gene of barley is a member of a large gene family and encodes a high-affinity potassium transporter. [Plant Cell](#). 9: 2281-2289.
36. Gorham, J., J. Bridges, **J. Dubcovsky**, J. Dvorak, P.A. Hollington, M.-C. Luo, and J. A. Khan. 1997. Genetic analysis and physiology of a trait for enhanced K⁺/Na⁺ discrimination in wheat. [The New Phytologist](#). 137-109-116
35. Sorrells, ME; O.D. Anderson; P. S. Baenziger; R. J. Cook; P. B. Cregan; **J. Dubcovsky**; J. Dvorak; B.S. Gill; G.E. Hart; P.M. Hayes; E.M. Herman; A. Kleinhofs; R.F. Line; C.O. Qualset; and P.E. McGuire. 1997. Corn genome initiative. [Science](#) 277: 884-885. (letter)
- *34. **Dubcovsky, J.**, M. Echaide, S. Giancola, M. Rousset, M.-C. Luo, and J. Dvorak. 1997. Seed storage protein loci in RFLP maps of diploid, tetraploid, and hexaploid wheat. [Theoretical & Applied Genetics](#). 95:1169-1180.
- *33. **Dubcovsky, J.**, A. R. Schlatter, and M. Echaide. 1997. Genome analysis of South American *Elymus* (Triticeae) and *Leymus* (Triticeae) species based on variation in repeated nucleotide sequences. [Genome](#). 40: 505-520.

1996

32. Resta, P., H.-B. Zhang, **J. Dubcovsky** and J. Dvorák. 1996. The origin of the genomes of *Triticum biunciale*, *T. ovatum*, *T. neglectum*, *T. columnare*, and *T. rectum* based on variation in repeated nucleotide sequences. [Am. J. Bot.](#) 83: 1556-1565.
31. Luo, M.-C., **J. Dubcovsky**, S. Goyal, and J. Dvorak. 1996. Engineering of interstitial foreign chromosome segments containing the K⁺/ Na⁺ selectivity gene *Kna1* by sequential homoeologous recombination in durum wheat. [Theor. & Appl. Genet.](#) 93: 1180-1184
30. Luo, M.-C., **J. Dubcovsky**, and J. Dvorak. 1996. Recognition of homoeology by the wheat *Ph1* locus. [Genetics](#). 144: 1195-1203.
- *29. Manifesto, M. M., B. E. Tanos, S. Feingold, M. Echaide, H. E. Hopp, and **J. Dubcovsky**. 1996. Association between RFLP and SSR markers and bread -making quality parameters in Argentine wheats. [Annual Wheat Newsletter](#), Vol 42: 42.
- *28. Manifesto, M. M., A. R. Schlatter, M. Echaide, H. E. Hopp, and **J. Dubcovsky**. 1996. Use of SSR markers in Argentine wheat germplasm characterization. [Annual Wheat Newsletter](#), Vol 42. 41-42.
- *27. **Dubcovsky, J.**, M. C. Luo, G. Y. Zhong, R. Bransteitter, A. J. Desai, A. Kilian. A. Kleinhofs, and J. Dvorak. 1996. Genetic map of diploid wheat, *Triticum monococcum* L., and its comparison with maps of *Hordeum vulgare* L. [Genetics](#). 143: 983-999.

- *26. Lewis, S. M., A. J. Martínez, and **J. Dubcovsky**. 1996. Karyotype variation in South American *Elymus* (*Triticeae*). *Int. J. Plant Sci.* 157(1): 142-150.
- *25. **Dubcovsky, J.**, G. E. Santa María, E. Epstein, M.-C. Luo, and J. Dvorak. 1996. Mapping of the K⁺/Na⁺ discrimination locus *Kna1* in wheat. *Theor. Appl. Genet.* 92 (3-4): 448-454.

1995

24. Dvorak, J., **J. Dubcovsky**, M.-C. Luo, K. M. Devos, and M. D. Gale. 1995. Differentiation between wheat chromosomes 4B and 4D Genome. *Genome.* 38:1139-1147.
- *23. **Dubcovsky, J.**, M.-C. Luo, and J. Dvorak. 1995. Linkage relationships among stress-induced genes in wheat. *Theor. Appl. Genet.* 91: 795-801.
22. Devos, K. M., **J. Dubcovsky**, J. Dvorak, C. N. Chinoy, and M.D. Gale. 1995. Structural evolution of wheat chromosomes 4A, 5A, and 7B and its impact on recombination. *Theor. & Appl. Genet.* 91: 282-288.
- *21. **Dubcovsky, J.**, and J. Dvorak. 1995. Ribosomal DNA multigene loci are nomads in the *Triticeae* genomes. *Genetics.* 140: 1367-1377.
20. Van Deynze, A. E., **J. Dubcovsky**, K. S. Gill, J. C. Nelson., M. E. Sorrells, J. Dvorak, B. S. Gill, E. S. Lagudah, S. R. McCouch, and R. Appels. 1995. Molecular-genetic maps for chromosome 1 in *Triticeae* species and their relation to chromosomes in rice and oats. *Genome* 38: 45-59.
- *19. **Dubcovsky, J.**, M.-C. Luo, and J. Dvorak. 1995. Differentiation between homoeologous chromosomes 1A of wheat and 1Am of *Triticum monococcum* and recognition of homology by the Ph1 locus of wheat. *Proc. Natl. Acad. Sci. USA.* 92: 6645-6649.

1994

- *18. **Dubcovsky, J.**, and J. Dvorak. 1994. Genome identification of the *T. crassa* complex with the restriction patterns of repeated nucleotide sequences. *Am. J. Bot.* 82(2): 131-140..
- *17. **Dubcovsky, J.**, and J. Dvorak. 1994. Genome origins of *T. cylindricum*, *T. triunciale*, and *T. ventricosum*. (Poaceae) inferred from variation in restriction patterns of repeated nucleotide sequences: a methodological study. *Am. J. Bot.* 81:1327-1335.
- *16. **Dubcovsky, J.**, A. F. Galvez, and J. Dvorak. 1994. Comparison of the genetic organization of the early salt stress response gene system in salt-tolerant *L. elongatum* and salt-sensitive wheat. *Theor. & Appl. Genet.* 87: 957-964.

1993

- *15. Oliva, G., A. Martínez, M. Collantes, and **J. Dubcovsky**. 1993. Phenotypic plasticity and contrasting habitat colonization in *F. palleescens*. *Can. J. Bot.* 71: 970-977.
- *14. Bertoni, M. D., D. Cabral, N. Romero, and **J. Dubcovsky**. 1993. Endofitos fungicos en especies sudamericanas de *Festuca* (Poaceae). *Bol. Soc. Argent. Bot.* 29(1-2): 25-34.
- *13. Morrone, O., T. S. Filgueiras, F. O. Zuloaga, and **J. Dubcovsky**. 1993. Revision of *Anthaenantiopsis* (Poaceae: Panicoideae: Paniceae). *Systematic Botany.* 18(3): 434-453.

1992

- *12. **Dubcovsky, J.**, and A. J. Martínez. 1992. Distribución geográfica de los niveles de ploidía en *Festuca*. *Parodiana* 7: 91-99.
11. Zuloaga, F. O., **J. Dubcovsky**, and O. Morrone. 1993. Infrageneric phenetic relations in new world *Panicum* (Poaceae: Panicoideae: Paniceae): a numerical analysis. *Can. J. Bot.* 71:

1312-1327.

- *10. **Dubcovsky, J.**, S. M. Lewis, and E. H. Hopp. 1992. Variation in the restriction fragments of 18S -26S rRNA loci in South American *Elymus* (Triticeae). *Genome* 35: 881-885.
- *9. **Dubcovsky, J.**, and A. J. Martínez. 1992. Cytotaxonomy of the *Festuca* spp. from Partagonia. *Can. J. Bot.* 70: 1134-1140.

1991

- *8. **Dubcovsky, J.**, and F. O. Zuloaga. 1991. Números cromosómicos en especies sudamericanas de *Panicum* (Poaceae: Paniceae). *Bol. Soc. Arg. de Botánica.* 27: 201-206
- *7. **Dubcovsky, J.**, and A. Martínez. 1991. Chromosome complement and nucleolar variation in the *Festuca pallescens* alliance. *Can. J. Bot.* 69: 2756-2761.

1990

- *6. **Dubcovsky, J.**, and Z. E. Rúgolo de Agrasar. 1990. *Festuca roigii* (Poaceae) nov. sp. Diferencias morfológicas y citológicas con *F. simpliciuscula*. *Bol. Soc. Arg. de Botánica* 26(3-4): 235-242.

1989

- *5. **Dubcovsky, J.**, M. A. Soria and A. Martínez. 1989. Karyotype analysis of the Patagonian *Elymus* (Poaceae). *Botanical Gazette* 150(4): 462-468.
- *4. Zuloaga, F. O., O. Morrone and **J. Dubcovsky**. 1989. Exomorphological, anatomical and cytological studies in *Panicum validum* (Poaceae : Panicoideae : Paniceae). Its systematic position within the genus. *Systematic Botany* 14(2): 220-230.

1988

- *3. **Dubcovsky, J.**, and A. Martínez. 1988. Cariotipos y comportamiento meiótico de las especies de *Festuca* (Poaceae) endémicas de Sierra de la Ventana. *Bol. Soc. Arg. de Botánica* 25 (3-4): 415-423.
- *2. **Dubcovsky, J.**, and A. Martínez. 1988. Phenetic relationships in the *Festuca* spp. from Patagonia. *Can. J. Bot.* 66: 468-478.

1987

- *1. **Dubcovsky, J.**, and A. J. Martínez. 1987. Cariotipos y comportamiento meiótico de los cromosomas de *Festuca pallescens* (Poaceae). *Darwiniana* 28(1-4) : 153-161.

Chapters in books

1. Dvorak, J. and **J. Dubcovsky**. 1995. Recombination patterns between homoeologous chromosomes in wheat. In: Classical and Molecular Cytogenetic Analysis. Proceedings of the US-Japan Symposium. Ed W. J. Raupp and B. S. Gill. Kansas State University, Manhattan, USA.
2. Dvorak, J. and **J. Dubcovsky**. 1996. Genome Analysis of Polyploid Species Employing variation in Repeated Nucleotide Sequences. In: Methods of genome analysis in plants. Ed. P. P. Jauhar. CRC Press, New York. 386 pp.
3. Nelson, C. J., **J. Dubcovsky**, S. R. McCouch, and M. E. Sorrells. 1996. Genome Mapping in temperate grain and grasses in the family *Gramineae* (Poaceae) . In Genome Mapping in Plants. Ed. R. G. Landes, Academic Press. Texas, USA.

4. Manifesto, M.M., A.R. Schlatter, H.E. Hopp, E.Y. Suarez, **J. Dubcovsky**. Microsatellites in wheat: a useful tool for identification and breeding. 2000. In: Applications of biotechnology to wheat breeding. Ed. M. M. Kohli and M. Francis. Proceedings of a conference at La estanzuela, Uruguay, November 19-20, 1998. Montevideo, Uruguay: CIMMYT, p 85-101
5. **Dubcovsky, J.**, G. Tranquilli, D. Lijavetzky, I. A. Khan, A. R. Schlatter, M.M. Manifesto, S. Marcucci-Poltri. 2000. Advances in Molecular Markers for Breadmaking quality. In: Applications of biotechnology to wheat breeding. Ed. M. M. Kohli and M. Francis. Proceedings of a conference at La estanzuela, Uruguay, November 19-20, 1998. Montevideo, Uruguay: CIMMYT, p 57-69
6. Vágujfalvi, A., C. Croasatti, G. Galiba, **J. Dubcovsky**, and L. Cativelli. 2000. Mapping of regulatory loci controlling the accumulation of cold-regulated Cor14b mRNA in wheat. In: Developments in Plant Breeding Volume 9. Wheat in a Global Environment, Proceedings of the 6th International Wheat Conference, 5-9 June 2000, Budapest Hungary pp.:457-462.
7. **Dubcovsky, J.**, A. Loukoianov, and M. D. Bonafede. 2007. Regulation of flowering time in wheat. In Wheat Production in Stressed Environments. Series Development in Plant Breeding. Ed. Buck H.T., Nissi J.E., and N. Salomon. Springer. Vol. 12:659-665.

RESEARCH PROJECTS (Cumulative \$17 M)

1. **PI** 1994 -1995. Evolution and origin of the genomes of South American *Triticeae* based on variation in repeated nucleotide sequences. Antorchas: \$6.800.
2. **PI** 1995-1996. Wheat National Program - INTA. Marker assisted quality improvement: \$12.000.
3. **PI** 1996. Antorchas Foundation. "Identification and molecular characterization of Argentine wheat cultivars. Genetic diversity in old and new cultivars: \$6.000.
4. **PI** 1997-1998 Development of molecular markers for new rust resistance genes in wheat. Faculty Research Grant Program, UCD: \$10,000
5. **PI** 1997-1998. Characterization of the ITMI mapping population using microsatellite markers. ITMI: \$9,600.
6. **PI** 1997-2000. Positional cloning of *Triticum monococcum* vernalization genes. NRI-USDA: \$250,000.
7. **PI** 1998-2002. Bringing Biotechnology to the Wheat Fields. Fund for Rural America. USDA: \$220,000.
8. **coPI** 1999-2001. Meiotic recombination in plant interspecies crosses. Grant funded by the Systemwide Biotechnology Research and Education Program: \$30,000.
9. **coPI** 1999-2003. The Structure and Function of the Expressed Portion of the Wheat Genomes. NSF-9975989: \$7,300,000, JD: \$330,000.
10. **coPI** 1999-2001. Assessment of Genome Content, Colinearity and Evolution in Barley, Maize, Rice, Sorghum, and Wheat. NSF-9975793: \$2,000,000, JD: \$153,117.
11. **PI** 2000-2003. Positional cloning of wheat and barley vernalization genes NRI-USDA, Plant Genome Program: \$290,000.

12. **PI** 2001. Pyramiding rust resistance genes in wheat. Supplemental Hatch Proposal: \$9,728.
13. **PI** 2001-2002. High density mapping of genes responsible for frost tolerance in wheat. NSF: \$38,786.
14. **PI** 2001. Construction of a BAC library of tetraploid wheat. INRA: \$29,600.
15. **PI** (2 laboratories). 2001-2004. Positional cloning of a gene responsible for high protein content in tetraploid wheat. BARD: \$218,000.
16. **PI**. (12 laboratories). 2001-2005. Bringing Genomics to the Wheat Field. USDA-IFAFS: \$500,000.
17. **PI** 2003-2006. Verification of the identity and functionality of candidate DNA sequences for wheat vernalization genes *Vrn1* and *Vrn2*. NRI-USDA, Plant Genome Program: \$295,000.
18. **PI** 2003-2006. Positional cloning of *earliness per se* gene *Eps1* from *T. monococcum*. NRI-USDA, Plant Genome Program: \$320,000.
19. **coPI** 2003-2005. DEALING in the wheat genome: development and application of large-scale reverse genetic tools for crop plants. NSF: \$324,418.
20. **coPI** 2003-2005. Haplotype polymorphism in polyploid wheats and their diploid ancestors. NSF: \$244,797.
21. **PI** 1997-2004. Development of wheat varieties for California. California Wheat Commission and California Crop Improvement Association: \$940,545 (\$110,000/year)
22. **PI** (4 laboratories) 2004-2007. Validation of a candidate gene for increased grain protein content in wheat. BARD: \$125,000.
23. **coPI** 2003-2006. Identification of genetic factors conferring cold tolerance in winter wheat NRI-USDA, Plant Genome Program: \$186,900.
24. **PI** 2004-2006. International Molecular genetic analysis of lipoxygenase activity in pasta wheat. NSF-AMERICAS: \$35,322.
25. **PI** 2004-2005. Planning conference for a 2005 Coordinated Agricultural Project (CAP) on wheat translational genomics NRI-USDA, Plant Genome Program: \$12,000.
26. **coPI** 2005-2007. Mapping and cloning High Temperature Adult Plant stripe rust resistance genes in wheat NRI-USDA, Plant Genetic Mechanisms: \$150,000.
27. **PI**. 2005-2007. Regulation of the initiation of reproductive development in barley by the *VRN-H3* vernalization gene. NRI-USDA, Developmental Proc. of Crop Plants: \$234,900.
28. **PI**. 2005-2009. Wheat Applied Genomics. NRI-USDA, CAP: \$5,000,000.
29. **PI**. 2006-2009. Characterization of the gene network that regulates vernalization in wheat NRI-USDA, Genetic Mechanisms: \$360,000.
30. **PI**. 2006-2010. Molecular tools to engineer California wheat varieties resistant to stripe rust (*Puccinia striiformis*). UC-Discovery Grant with the California Wheat Commission: \$300,000.
31. **PI**. 2007-2010. Map-based cloning of high-temperature adult plant stripe rust resistance gene *Yr36* from wheat. BARD. \$113,000.

32. **PI.** 2007-2010. Regulation of the initiation of reproductive development in barley by the *VRN-H3* vernalization gene. USDA-NRI. \$275,000.
33. **coPI** 2007-2010. Chevron-UCD. Improving wheat straw for efficient biofuel production. \$345,000.
34. **PI.** 2007-2010. Dissecting the regulatory network for nitrogen and nutrient remobilization in rice. USDA-NRI. \$275,000.
35. **coPI.** 2008-2012. Developing New Sources of Durable Wheat Rust Resistance. Melinda and Bill Gates Foundation. \$325,338
36. **coPI.** 2008-2009. Training Plants Breeders for the 21st century. USDA-CSREES. \$36,000.
37. **coPI.** 2008-2010. Efficient identification of induced mutations in crop species by ultra-high throughput DNA sequencing. \$142,000.
- 38: **coPI.** 2008-2012. Functional characterization of wheat *GPC-1* and *GPC-2* mutants and their effect on transcriptional regulation during senescence. \$90,000.

Reports

1. McIntosh, R.A., K.M. Devos, **J. Dubcovsky**, and W.J. Rogers. Catalogue of gene symbols for wheat: 2000 supplement. <http://wheat.pw.usda.gov/ggpages/wgc/2000upd.html>. Wheat Information Service 91: 33-70
2. Jackson, L.F., **J. Dubcovsky**, L.W. Gallagher, R.L. Wennig, J. Heaton, H. Vogt, L.K. Gibbs, T. Kearney, D. Kirby, D. Marcum, M.C. Mathews, D. Munier, C. Mutters, S. Orloff, B. Snaden, S. Scardaci, M. Smith, R. Vargas, J. Williams, and S. Wright. 1998. Regional barley, common and durum wheat, triticale, and oat performance tests in California. Agronomy Progress Report 262.
3. Jackson, L. F., **J. Dubcovsky**, L. W. Gallagher, R. L. Wennig, J. Heaton, H. Vogt, L. K. Gibbs, T. Kearney, D. Kirby, D. Marcum, M. C. Mathews, D. Munier, C. Mutters, S. Orloff, B. Sanden, S. Scardaci, M. Smith, R. Vargas, J. Williams, and S. Wright. 1999 Regional barley, common and durum wheat, triticale, and oat performance tests in California. Agronomy Progress Report, Agricultural Experiment Station, Cooperative Extension. No. 262: 1-59.
4. Jackson, L.F., **J. Dubcovsky**, L.W. Gallagher, R.L. Wennig, J. Heaton, H. Vogt, L.K. Gibbs, D. Kirby, M. Canevari, H. Carlson, T. Kearney, B. Marsh, D. Munier, C. Mutters, S. Orloff, J. Schmierer, R. Vargas, J. Williams, and S. Wright. 2000 Regional barley and common and durum wheat performance tests in California. Agronomy Progress Report 272: 1-56.
5. **Dubcovsky J.** 2001. Plant gene cloning may lead to better timing of flowering. NRI Research Highlights. NRI-CGP USDA CSREES. No. 2.
6. McIntosh, R.A., K.M. Devos, **J. Dubcovsky**, and W.J. Rogers. 2001. Catalogue of gene symbols for wheat: 2001 supplement. Wheat Information Service 93: 40-60
7. Jackson, L.F., **J. Dubcovsky**, L.W. Gallagher, O. Chicaiza, D. Stewart, H. Vogt, L.K. Gibbs, D. Prato-Mayo, D. Kirby, M. Canevari, H. Carlson, S. Garcia, T. Kearney, D.

- Marcum, B. Marsh, D. Munier, C. Mutters, S. Orloff, J. Schmierer, R. Vargas, and S. Wright. 2001. 2001 Regional barley, common and durum wheat, triticale, and oat performance tests in California. *Agronomy Progress Report* 276: 1-56.
8. Ramakrishna W., J. Ma, P. SanMiguel, J. Emberton, **J. Dubcovsky**, B. A. Shiloff, Z. Jiang, N. Rostoks, C. S. Busso, M. Ogden, E. Linton, A. Kleinhofs, K. M. Devos, J. Messing & J. L. Bennetzen. 2002. Frequent genic rearrangements in two regions of grass genomes identified by comparative sequence analysis. *Comparative and Functional Genomics* 3: 165-166.
 9. McIntosh, R.A., K.M. Devos, **J. Dubcovsky**, and W.J. Rogers. 2002. Catalogue of gene symbols for wheat: 2002 supplement. *Wheat Information Service* 95: 50-80.
 10. Jackson, L.F., **J. Dubcovsky**, L.W. Gallagher, O. Chicaiza, D. Stewart, H. Vogt, L.K. Gibbs, D. Prato-Mayo, D. Kirby, K. Brittan, H. Carlson, S. Garcia, B. Marsh, D. Munier, C. Mutters, S. Orloff, B. Roberts, R. Vargas, and S. Wright. 2002. 2002 Regional barley, common and durum wheat, triticale, and oat performance tests in California. *Agronomy Progress Report* 279: 1-67.
 11. McIntosh, R.A., Y. Yamazaki, K.M. Devos, J. Dubcovsky, W.J. Rogers, and R. Appels. 2003. Catalogue of Gene Symbols for Wheat. *In Proceedings of the 10th International Wheat Genetics Symposium*. Volume 4., Instituto Sperimentale per la Cerealicoltura, Rome, Paestum, Italy.
 12. Jackson, L.F., **J. Dubcovsky**, L.W. Gallagher, O. Chicaiza, D. Stewart, L.K. Gibbs, D. Prato-Mayo, D. Kirby, H. Carlson, M. Canevari, B. Marsh, H. Meister, D. Munier, S. Orloff, B. Roberts, J. Schmierer, R. Vargas, and S. Wright. 2003. 2003 Regional barley, common and durum wheat, triticale, and oat performance tests in California. *Agronomy Progress Report* 286: 1-69.
 13. Jackson, L.F., **J. Dubcovsky**, L.W. Gallagher, O. Chicaiza, D. Stewart, L.K. Gibbs, D. Prato-Mayo, D. Kirby, H. Carlson, M. Canevari, B. Marsh, H. Meister, D. Munier, S. Orloff, B. Roberts, J. Schmierer, R. Vargas, and S. Wright. 2004. 2004 Regional barley, common wheat and triticale, and durum wheat performance tests in California. *Agronomy Progress Report* 288: 1-60.
 14. McIntosh, R.A., K.M. Devos, **J. Dubcovsky**, and W.J. Rogers. 2004. Catalogue of gene symbols for wheat: 2004 supplement. <http://wheat.pw.usda.gov/ggpages/wgc/2004upd.html> .
 15. Vanzetti, L. S., J.C. Brevis, **J. Dubcovsky**, M. Helguera. 2006. Identification of microsatellites linked to *Lr47*. *Electronic Journal of Biotechnology* 3: 267-271. <http://www.ejbiotechnology.cl/content/vol9/issue3/full/23/>).
 16. McIntosh, R.A., K.M. Devos, J. Dubcovsky, W.J. Rogers, C.F. Morris, R. Appels, and O.D. Anderson. 2005. Catalogue of gene symbols for wheat: 2005 Supplement. <http://wheat.pw.usda.gov/ggpages/wgc/2005upd.html>.
 17. Jackson, L.F., **J. Dubcovsky**, L.W. Gallagher, O. Chicaiza, D. Stewart, F.T. Maciel, D. Prato-Mayo, D. Kirby, H. Carlson, M. Canevari, B. Marsh, D. Munier, S. Orloff, J. Schmierer, R. Vargas, and S. Wright. 2006 Regional barley, common wheat and triticale, and durum wheat performance tests in California. *Agronomy Progress Report* 293: 1-52.

18. McIntosh, R.A., K.M. Devos, **J. Dubcovsky**, W.J. Rogers, C.F. Morris, R. Appels, and O.D. Anderson. 2007. Catalogue of gene symbols for wheat: 2007 Supplement.
19. Jackson, L.F., **J. Dubcovsky**, L.W. Gallagher, O. Chicaiza, D. Stewart, D. Prato-Mayo, F.T. Maciel, J. Fraser, D. Kirby, H. Carlson, M. Canevari, B. Marsh, D. Munier, S. Orloff, J. Schmierer, and S. Wright. 2004. 2007 Regional barley, common wheat and triticale, and durum wheat performance tests in California. *Agronomy Progress Report* 295: 1-47.
20. McIntosh, R.A., Y. Yamazaki, **J. Dubcovsky**, W.J. Rogers, C.F. Morris, D. J. Somers, R. Appels, and K. Devos. 2008. Catalogue of gene symbols for wheat: 2008. Edited by McIntosh RA; 2008. <http://wheat.pw.usda.gov/GG2/Triticum/wgc/2008/> .
21. Jackson, L.F., **J. Dubcovsky**, L.W. Gallagher, O. Chicaiza, P. Mayo, F.T. Maciel, J. Fraser, D. Prato-Mayo, D. Kirby, H. Carlson, M. Canevari, D. Marcum, B. Marsh, D. Munier, S. Orloff, J. Schmierer, and S. Wright. 2008 Regional barley, common wheat and triticale, and durum wheat performance tests in California. *Agronomy Progress Report* 296 (48 Tables).

CONFERENCES AND INVITED TALKS

1. **Dubcovsky J.** 1991. Molecular genetic markers in native *Triticeae* spp. Conference at Arg. Symposium of Plant Biotechnology. Vaquerías, Córdoba, Argentina.
2. **Dubcovsky J.** 1993. Methods of genome analysis based on variation in the restriction patterns of repetitive sequences. Workshop: Methods of genome analysis in plants: their merits and pitfalls. Seventeenth International Congress of Genetics. Birmingham, United Kingdom.
3. **Dubcovsky J.** 1994. RFLP maps of *Triticum monococcum*. International Meeting of the International Triticeae Mapping Initiative (ITMI). San Diego. USA.
4. **Dubcovsky J.** 1994. Homoeologous recombination between wheat chromosomes and wild *Triticeae* chromosomes. Tools and mechanisms. Lecture at Washington State University, Pullman, Washington. USA.
5. **Dubcovsky J.** 1995. Comparative mapping between *Triticum monococcum* and other *Triticeae*: structural and nonstructural variation. International Meeting of the International Triticeae Mapping Initiative (ITMI). Norwich, United Kingdom
6. **Dubcovsky J.** 1995. Comparative molecular maps: a powerful tool for the understanding and manipulation of wheat genome. Davis, CA. USA
7. **Dubcovsky J.** 1996. Mapping of vernalization genes in *Triticum monococcum*. International Meeting of the International Triticeae Mapping Initiative (ITMI). Sydney, Australia.
8. **Dubcovsky J.** 1996. Comparative wheat -barley RFLP maps. Adelaide. Australia.
9. **Dubcovsky J.** 1996. Molecular markers for bread-making quality. Argentina-Chile Genetic Symposium. Viña del Mar, Chile.
10. **Dubcovsky J.** 1998. Molecular genetics in variety development- A role for Universities. National Wheat Industry Research Forum, San Diego, California.

11. **Dubcovsky J.** 1998. Genomic tools for the diploid A genome of wheat. Plant Genome VI, International Triticeae Mapping Initiative (ITMI) workshop. San Diego, California
12. **Dubcovsky J.** 1998. Integration of traditional wheat breeding programs with marker assisted selection techniques. Instituto de Recursos Biologicos, INTA. (7/8/98) Argentina.
13. **Dubcovsky J.** 1998. Comparative mapping and genomics in wheat. University of San Martín, (7/16/98) Argentina.
14. **Dubcovsky J.** 1998. Progress in Wheat Genomics. University of Buenos Aires, (7/20/98) Argentina.
15. **Dubcovsky, J., G. Tranquilli, M. Helguera, G. Muzzi, D. Lijavetzky.** 1999. Development and status of a *Triticum monococcum* BAC library and its use to estimate the relationship between genetic and physical distances in three regions of chromosome 5A^m. Proceedings of the International Triticeae Mapping Initiative Public Workshop, Viterbo, Italy.
16. **Dubcovsky, J., L. Yan, G. Muzzi, G. Tranquilli, M. Helguera.** 2000. Insights into the wheat genome from the A genome BACs. International Triticeae Mapping Initiative Public Workshop, Plant Genome VIII, San Diego, USA.
17. **Dubcovsky, J.,** 2000. Potential impact of Wheat Genomics for California Agriculture. Agronomy and Range Science Continuing Conference. Session on Genomics. Davis, CA Feb 22/24, 2000
18. **Dubcovsky, J.** 2000 Transfer of alien chromosome segments to wheat by homoeologous recombination. Theoretical and applied aspects. Mismatch Repair Workshop, Marconi Center, CA July 1st to 2nd 2000
19. **Dubcovsky, J., W. Ramakrishna, P. SanMiguel, C. S. Busso, and J. Bennetzen.** Sequence comparison between rice and *Triticeae* colinear regions as a tool for gene discovery and gene structure annotation. 2001. International Triticeae Mapping Initiative Public Workshop, Plant Genome IX, January 14-17, San Diego, USA.
20. **Dubcovsky, J.** 2001. Advances in molecular markers for quality and disease resistance genes in wheat. Invited speaker at the Fifth Arg. Wheat Symposium. Villa Carlos Paz, Córdoba, Argentina. September 25-28.
21. **Dubcovsky, J.** 2002. "Constructing the bridge between genomics and wheat breeding". Invited talk at the Agricultural Institute of the Hungarian Academy of Sciences. June 26, Martonvasar, Hungary
22. **Dubcovsky, J.,** 2002. M. A. Soria, and I. A. Khan. 2002 Bringing genomics to the wheat fields. ASA-CSSA-SSSA Annual Meeting Indianapolis, Indiana, November 10-14, 2002
23. **Dubcovsky, J.,** 2003. Characterization of the promoter region of the *Vrn1* vernalization gene in diploid and polyploid wheat. Plant Industry, CSIRO and Australian National University. October 16, 2003, Melbourne, Australia.
24. **Dubcovsky, J., L. Yan, A. Loukoianov.** 2003. Positional cloning of wheat vernalization genes. ASA-CSSA-SSSA Annual Meeting Denver, Colorado, November 3, 2003.

25. **Dubcovsky J.**, 2004. Molecular characterization of wheat vernalization genes. ITMI Workshop. Plant and Animal Genome XII Conference, January 2004, San Diego, CA. Approximately 400 participants.
26. **Dubcovsky, J.**, 2004. Breeding with molecular markers: Marker-assisted selection, UC Davis Extension Course for Professional and Continuing Education, 75 students, February 10-11, 2004.
27. **Dubcovsky, J.** 2004. Marker Assisted Selection in public wheat-breeding programs: bringing genomics to the wheat fields. Invited Talk at the National Wheat Workers Workshop Kansas City February 22-23. Approximately 200 participants.
28. **Dubcovsky, J.** 2004. "New genomic tools for wheat improvement". National Institute of Agricultural Technology (INTA) 100 participants. Argentina 04/06/2004.
29. **Dubcovsky, J.** 2004. "Marker assisted selection in wheat: current status". National Institute of Agricultural Technology (INTA) Argentina 04/06/2004. 100 participants.
30. **Dubcovsky, J.** 2004. "Positional cloning of wheat vernalization genes" National Academy of Agronomy. Argentina, Capital Federal 04/06/2004. 60 participants.
31. **Dubcovsky, J.** 2004. "Positional cloning of wheat vernalization genes" University of San Martin (INTI). 04/07/2004. 20 participants.
32. **Dubcovsky, J.** 2004. "From flowering time QTLs in wheat to the positional cloning of the vernalization genes" GGG 297 Seminar Series "Dissection of quantitative traits in plants". May 1st, 2004
33. **Dubcovsky, J.** 2004. "Regulation of wheat and barley flowering time by vernalization" Washington State University, Pullman WA. 06/28/2004. 80 participants.
34. **Dubcovsky, J.** 2004. "Regulation of flowering time in wheat and barley". Colorado State University, Fort Collins, Colorado. August 18,2004.
35. **Dubcovsky, J.** What and barley adaptations to low temperatures. 1st Annual ACPFG Research Symposium, Adelaide, Australia. October 5-8, 2004
36. **Dubcovsky, J.** 2004. Genomic tools for positional cloning in the large Triticeae genomes. Buenos Aires Plant Biology Lectures, Buenos Aires October 25-27 2004.
37. **Dubcovsky, J.** 2004. Regulation of flowering time in temperate cereals. Buenos Aires Plant Biology Lectures, Buenos Aires October 25-27 2004.
38. **Dubcovsky, J.** 2005. A National Program of Marker Assisted Improvement of Wheat. North American Grain Congress. Reno Nevada, February 19-22, 2005.
39. **Dubcovsky, J.** 2005. Molecular characterization of wheat and barley vernalization genes. Invited seminar speaker. John Innes Institute, Norwich UK, July 1, 2005.
40. **Dubcovsky, J.** 2005. Molecular characterization of wheat and barley vernalization genes. Invited seminar speaker. Scottish Crop Research Institute (SCRI), Dundee, Scotland, July 4, 2005.
41. **Dubcovsky, J.** 2005. Molecular characterization of wheat and barley vernalization genes. Invited seminar speaker. Mac Planck Institute, Cologne, Germany, July 13, 2005.
42. **Dubcovsky, J.** 2005. Molecular characterization of wheat and barley vernalization genes. Invited speaker. Society of Experimental Biology Conference, Barcelona, Spain, July 15, 2005.

43. **Dubcovsky, J.** 2005. "Frontiers in Genetics" Plant Science Symposium. September 27. Regulation of flowering in temperate cereals" September 27, 2005.
44. **Dubcovsky, J.** 2005. Wheat Lines Developed with Pyramided Stripe Rust Resistance Genes. Small grain workgroup meeting. UC Davis, September 28, 2005
45. **Dubcovsky, J.** 2005. Regulation of Flowering Time in Wheat. Keynote speaker, 7th International Wheat Conference, Mar del Plata Argentina, 11/27 – 12/2 2005.
46. **Dubcovsky J.** 2006. Cloning QTLs for frost tolerance and vernalization in wheat. Plant and Animal Genome XIV Conference, January 14, 2006, San Diego, CA.
47. **Dubcovsky J.** 2006. The US Wheat Marker Assisted Selection Project (CAP-USADA)
 - August 22, 2006. Inst. of Crop Sci., Chinese Acad. of Agric. Sci. Beijing. China.
 - August 28, 2006. NW Agric. & Forestry Univ., Yangling, Shaanxi, China.
 - September 1, 2006. Shandong Agricultural Univ., Tai'an, Shandong, China
 - September 5, 2006. China Agricultural University, Beijing, China
48. **Dubcovsky J.** 2006. Impact of the Wheat CAP program on resistance to stripe rust.
 - Small Grain Workgroup Meeting, September 15 2006, Davis CA.
 - Southern Sacramento Valley Wheat Meeting. 9/20/2006, Woodland CA.
49. **Dubcovsky, J.** 2006. Organizer of the C7 Symposium on Marker Assisted Selection at the Indianapolis ASA-CSSA-SSSA Annual Meeting. November 12-16, 2006.
50. **Dubcovsky, J.** 2007. Interactions between photoperiod and vernalization in wheat and barley. The Aaronsohn-ITMI International Conference, Tiberias, Israel April 16-20, 2007
51. **Dubcovsky, J.** 2007. President's Symposium. The vernalization pathway in temperate cereals. American Association of Plant Biology, July 7-11, 2007, Chicago Illinois. **Keynote speaker.**
52. **Dubcovsky, J., C. Uauy, A. Distelfeld, and T. Fahima.** 2007. *GPC-B1*, a gene regulating wheat and barley grain protein content. Invited speaker at the Translational Seed Biology Symposium: From Model Systems to Crop Improvement. September 17-20, Davis, CA.
53. **Dubcovsky, J., C. Uauy, A. Distelfeld, and T. Fahima.** 2007. *GPC-B1*, a gene regulating wheat and barley grain protein content. Invited speaker at the Translational Seed Biology Symposium: From Model Systems to Crop Improvement. September 17-20, Davis, CA.
54. **Dubcovsky, J.** 2007. Engineering durum wheat pasta Quality. California Wheat Collaborator Meeting. This meeting was attended by more than 50 representatives of private breeding companies, grain handlers, millers, and bakers. Davis, CA. October 3, 2007.
55. **Dubcovsky, J.** 2007. The Wheat CAP project. U.S. National Wheat Genomics Conference, Kansas City MO, December 2, 2007.
56. **Dubcovsky, J.** 2008. Genomic tools for disease resistance in wheat. Western Wheat Workers, UC Davis CA, May 12, 2008.

- 57 **Dubcovsky, J.** 2008. Positional cloning of the temperature-dependent stripe rust resistance gene *Yr36*. 11th Int. Wheat Genetics Symp. Brisbane, Australia, August 24-29.
- 58 **Dubcovsky, J.** 2008. Genes and gene networks regulating wheat development. 11th Int. Wheat Genetics Symp. Brisbane, Australia, August 24-29. **Keynote speaker.**
- 59 **Dubcovsky, J.** 2009. Positional cloning of a QTL for slow rusting in wheat. Invited speaker QTL cloning workshop. Plant and Animal Genome XVII Conference, January 2009, San Diego, CA.
- 60 **Dubcovsky, J.** 2009. Non - GMO biotechnology tools for wheat improvement – Plant Sciences Combined Continuing Conference, UC Davis , January 28, 2009.

COMMUNICATIONS IN MEETINGS AND SYMPOSIA

1. **Dubcovsky, J.** and A. Martínez. 1986. Phenetic and chromosomic relationships among Patagonian *Festuca* spp. XVII Arg. Congress of Genetics. Río Cuarto, Córdoba, Argentina.
2. **Dubcovsky, J.** and A. Martínez. 1987. Karyotype variation in Patagonian fescues. XVIII Arg. Congress of Genetics. Buenos Aires, Argentina.
3. **Dubcovsky, J.** and A. Martínez. 1988. Numerical analysis of the karyotypes and meiotic behaviour of *Festuca* (Poaceae) section Ovina from Patagonia. XIX Arg. Congress of Genetics. Jujuy, Argentina.
4. Oliva, G.; **J. Dubcovsky**; A. Martínez and M. Collantes. 1988. Morphological and breeding system variation in *Festuca pallescens* and *F. gracillima*. XIX Arg. Congress of Genetics. Jujuy, Argentina.
5. Zuloaga, F. O.; O. Morrone and **J. Dubcovsky**. 1989. *Panicum sabulorum* (Poaceae: Paniceae) and related species. Taxonomy, morphology, anatomy and cytology. XXII Arg. Botanical Congress. Córdoba, Argentina.
6. Bertoni, M. D., D. Cabral and **J. Dubcovsky**. 1989. Fungic endophytes in *Festuca* spp. XXII Jornadas Argentinas de Botánica. Córdoba, Argentina.
7. **Dubcovsky, J.** and A. Martínez. 1989. Numerical analysis of the karyotypes of Patagonian *Festuca* spp. Congruence with phenetic classifications. XXII Arg. Botanical Congress. Córdoba, Argentina.
8. **Dubcovsky, J.**, M. A. Soria and A. Martínez. 1989. Karyotype analysis of the tetraploid South American *Elymus*. XXII Arg. Botanical Congress. Córdoba, Argentina.
9. Oliva, G.; A. Martínez; **J. Dubcovsky** and M. Collantes. 1989. Morphological variation among *F. pallescens* (St-Yves) Parodi populations. XXII Arg. Botanical Congress. Córdoba, Argentina.
10. Zuloaga, F. O.; **Dubcovsky J.** and Morrone O. 1990. Chromosomic and nucleolar variation in subgenus *Dichanthelium* (Panicum: Paniceae). V South American Botanical Congress. Cuba.

11. **Dubcovsky J.** and A. Martínez. 1990. Unusual variation in nucleolar number in South American *Festuca* spp. V South American Botanical Congress. Cuba.
12. **Dubcovsky J.** Molecular genetic markers in plants. Conference at Simposio Argentino de Biotecnología en plantas. Vaquerías, Córdoba. 1991.
13. Lewis S., **J. Dubcovsky**, A. Martínez and S. Feingold. 1991. Ribosomal genes evolution in *Elymus*. XXIII Jornadas Argentinas de Botánica.
14. **Dubcovsky J.** and J. Dvorak. 1992. Comparison of *Triticum monococcum* and *T. aestivum* chromosome 1A linkage maps based on homologous and homoeologous recombination. Proceedings of the 3rd International Meeting of the International Triticeae Mapping Initiative (ITMI). CIMMYT. México.
15. Dvorak, J., **J. Dubcovsky**. 1992. Status of the mapping of chromosomes of the homoeologous group 4. Proceedings of the 3rd International Meeting of the International Triticeae Mapping Initiative (ITMI). CIMMYT. México.
16. Dvorak, J., **J. Dubcovsky** and H.-B. Zhang. 1993. The use of variation in repeated nucleotide sequences in genome analysis. Seventeenth International Congress of Genetics. Birmingham, United Kingdom.
17. **Dubcovsky J.**, and J. Dvorak. 1994. Effect of the Ph1 gene over recombination between RFLP markers in wheat chromosome 1A. Plant Genome II. San Diego. USA.
18. **Dubcovsky J.**, and J. Dvorak. 1994. The genome origin of the species of the *T. crassum* complex examined using variation in repeated nucleotide sequences. Triticeae 2nd International Symposium. Logan, Utah, USA.
19. **Dubcovsky J.**, and J. Dvorak. 1994. Transfer of alien chromosome segments to wheat by homoeologous recombination. Theoretical and applied aspects. Triticeae 2nd International Symposium. Logan, Utah, USA.
20. Van Deynze, A. E., **J. Dubcovsky**, K.S. Gill, J.C. Nelson, M.E. Sorrells, J. Dvorak, B.S. Gill, E.S. Lagudah, S.R. McCouch, R. Appels. 1995. Molecular-genetic maps for group 1 chromosomes of Triticeae species and their relation to chromosomes in rice and oat. Plant Genome III. San Diego USA.
21. **Dubcovsky J.**, M. C. Luo, G. Y. Zhong, A. J. Desai, and J. Dvorak. 1995. Genetic map of *Triticum monococcum*. Plant Genome III. San Diego USA.
22. Deal, K. R., **J. Dubcovsky**, and J. Dvorak. 1995. The mapping of the wheat K^+/Na^+ discriminator locus, *Kna1*, and the subsequent construction of molecular markers for its selection in segregating populations. Plant Genome III. San Diego USA.
23. Rousset, M, R. S. Kota, **J. Dubcovsky**, and J. Dvorak. 1995. Use of recombinant substitution lines for gene mapping and QTL analysis for bread making quality in wheat. Plant Genome III. San Diego USA.
24. **Dubcovsky J.**, M. C. Luo, and J. Dvorak. 1995. Comparative RFLP map of *Triticum monococcum* L. Encuentro Latinoamericano de Biotecnología Vegetal. REDBIO'95. Puerto Iguazú, Argentina
25. **Dubcovsky J.**, K. R. Deal, and J. Dvorak. 1995. Molecular mapping of the wheat K^+/Na^+ discriminator locus, *Kna1*. Encuentro Latinoamericano de Biotecnología Vegetal. REDBIO'95. Puerto Iguazú. Argentina.

26. **Dubcovsky J.**, and J. Dvorak. 1995. Nomadic multigene loci and chromosome colinearity. The Society of Experimental Biology, 50th Symposium. "Unifying Plant Genomes: Comparisons, Conservation, and Collinearity". Cambridge, U.K.
27. Dvorak, J., **J. Dubcovsky**, M.-C. Luo, and G.Y. Zhong. 1995. Chromosome differentiation and its recognition by the Ph1 gene in wheat. The Society of Experimental Biology, 50th Symposium. "Unifying Plant Genomes: Comparisons, Conservation, and Collinearity". Cambridge, U.K.
28. Dvorak, M.-C. Luo, and **J. Dubcovsky**, 1995. progress in mapping chromosomes of homoeologous group 4. International Meeting of the International Triticeae Mapping Initiative (ITMI). Norwich, United Kingdom
29. Tanos, B., M. M. Manifesto, S. Feingold., E. H. Hopp, and **J. Dubcovsky**. 1995. Correlation between restriction fragment length polymorphisms (RFLP) and bread making quality in argentinean wheats. XXVI Congreso Argentino de Genética. Bariloche, Argentina.
30. Manifesto, M. M., A. R. Schlatter, A. R. Echaide, and **J. Dubcovsky**. 1995. Utilization of microsatellites as molecular markers in wheat. XXVI Congreso Argentino de Genética. Bariloche, Argentina.
31. Rousset, M, M.-R Perretant, J. Dvorak, and **J. Dubcovsky**. 1996. Use gene mapping and QTL analysis to interpret correlations between SDS sedimentation test and bread-making characteristics in bread wheat. Plant Genome IV. San Diego USA.
32. **Dubcovsky J.**, Manifesto, M. M., A. R. Schlatter, H. E. Hopp, and S. Feingold. 1996. Association between molecular markers and breadmaking quality parameters in Argentine wheats. Proceedings of the 6th International Gluten Workshop. Sydney Australia
33. Bullrich, L., G. Tranquilli, L. Pflüger, E. Suárez, A. Barneix, and **J. Dubcovsky**. 1996. Bread-making quality and yield performance of 1BL/1RS Argentinean germplasm. Proceedings of the 6th International Gluten Workshop. Wrigley, C.W. (Editor), Sydney, Australia. September 1-6, 1996.
34. **Dubcovsky J.**, A. R. Schlatter, M. Echaide. 1996. Genome analysis of South American *Elymus* (Triticeae) and *Leymus* (Triticeaea) species based on variation in repeated nucleotide sequences. II Argentina-Chile Genetic Symposium. Viña del Mar, Chile.
35. Dvorak, M.-C. Luo, and **J. Dubcovsky**, 1996. Progress in mapping chromosomes of homoeologous group 4. International Meeting of the International Triticeae Mapping Initiative (ITMI). Sydney, Australia.
36. Marcucci Poltri, S., H. E. Hopp, and **J. Dubcovsky**. 1996. Utilización de "Bulk segregant analysis" y AFLPS no radioactivos en la detección de marcadores moleculares ligados a un nuevo gen de vernalización en *Triticum monococcum*. Plant Biotechnology Workshop: Use of molecular markers in breeding., Mar del Plata, Argentina.
37. Schlatter, A. R., M. M. Manifesto, M. Echaide, H. E. Hopp, and **J. Dubcovsky**. 1996. Plant Biotechnology Workshop: Use of molecular markers in breeding, Mar del Plata, Argentina.

38. Giancola, S., H. E. Hopp, and **J. Dubcovsky**. 1996. Identificación de variedades argentinas de soja (*Glycine max*) mediante técnicas moleculares. Plant Biotechnology Workshop: Use of molecular markers in breeding, Mar del Plata, Argentina.
39. **Dubcovsky, J.**, S. Marcucci-Poltri, L. Appendino, M.-C. Luo M., and J. Dvorak. RFLP and AFLP maps of a new vernalization gene in wheat. 1997. Plant Genome V. Poster 161. San Diego, CA, USA.
40. Luo, M.-C. , J. Dvorak, and **J. Dubcovsky**, 1997. Recognition of chromosome homoeology by the wheat *ph1* locus. Plant Genome V. Poster 172. San Diego, CA, USA.
41. **Dubcovsky, J.** 1997. Chairman of the session National Mapping Efforts. International Triticeae Mapping Initiative (ITMI). Clermont Ferrand, France. June 25 -27th .
42. **Dubcovsky, J.**, M.-C. Luo, and J. Dvorak. 1997. Current status of mapping efforts in the A genome. Clermont Ferrand, France. International Triticeae Mapping Initiative (ITMI). June 25 -27th .
43. Rousset, M., **J. Dubcovsky**, and J. Dvorak. 1997. Use of QTL analysis for bread-making parameters in wheat to interpret predictive tests in a breeding program for quality improvement. International Triticeae Mapping Initiative (ITMI). June 25 -27th .
44. Giancola, S., **J. Dubcovsky**, and H. E. Hopp. 1998. Characterization of soybean germplasm by combination of morphological and molecular markers. Plant Genome VI. San Diego, California, USA.
45. Giancola, S., **J. Dubcovsky**, H. E. Mitidieri, H. E. Hopp. 1998. Comparison of different markers techniques for Argentinian soybean varieties identification ISTA, 25th Congress of the International Seed Testing Association. 15-24 April 1998. Pretoria South Africa.
46. **Dubcovsky, J.**, D. Lijavetzky, G. Muzzi, A. R. Schlatter. 1998. Progress report on the development of genomic tools for diploid wheat. International Triticeae Mapping Initiative (ITMI) workshop at the 9th International Wheat Genetics Symposium. Saskatoon, Saskatchewan, Canada, 2-7 August 1998. Ed Slinkard A. E.
47. Schlatter, A.R, M.M. Manifesto, M. Echaide, H.E. Hopp and **J. Dubcovsky**. 1998. Microsatellites: markers as a tool for identification of wheat cultivars (*Triticum aestivum*) with property in Argentina. REDBIO 98. La Habana,. Cuba. June 1-5
48. Manifesto, M. M., A. R. Schlatter, M. Echaide, H. E. Hopp, and **J. Dubcovsky**. 1998. SSR markers as a tool for identification of wheat cultivars with property in Argentina. Annual Wheat Newsletter. In press.
49. Helguera, M., M. Echaide, S. Lewis, A.R. Schlatter, E. Hopp, and **J. Dubcovsky**. 1998. Development of a PCR marker for a *Triticum speltoides* translocation carrying leaf rust resistance gene *Lr47*. IV National Wheat Congress and II National Symposium of Winter Cereals, buenos Aires, Argentina.
50. Marcucci, Poltri, S., A.R. Schlatter, M. Helguera, E. Suarez, and **J. Dubcovsky**. 1998. Development of molecular markers associated with a gene for high grain protein content. IV National Wheat Congress and II National Symposium of Winter Cereals, Buenos Aires, Argentina.
51. Feingold, S., M. M. Manifesto, A. Díaz Paleo, M. Helguera, E. Y. Suárez, **J. Dubcovsky**, and H. E. Hopp. 1998. Biotecnología: Aplicación al mejoramiento genético, sanidad

- y calidad. IV National Wheat Congress and II National Symposium of Winter Cereals, Buenos Aires, Argentina.
52. Manifesto, M.M., A.R. Schlatter, H.E. Hopp, E.Y. Suarez and **J. Dubcovsky**. 1999. Bread wheat (*Triticum aestivum*) fingerprinting using microsatellites. Plant Genome VII. San Diego, California, USA.
 53. Tranquilli, G. E. and **J. Dubcovsky**. 1999. Interactions between vernalization genes of *Triticum monococcum*. Plant Genome VII. San Diego, California, USA.
 54. Helguera, M., M. Echaide, S. Lewis, A. R. Schlatter, E. Y. Suárez, E. Hopp, **J. Dubcovsky**. 1999. Development of a PCR marker associated with wheat leaf rust resistance gene *Lr47*. Plant Genome VII. San Diego, California, USA.
 55. Lijavetzky, D., G. Muzzi, R. Wing, and **J. Dubcovsky**. 1999. Construction and characterization of a bacterial artificial chromosome (BAC) library for the A genome of wheat. Plant Genome VII. San Diego, California, USA.
 56. Lijavetzky, D., Z.-Q. Liu, and **J. Dubcovsky**. 1999. Development of a PCR marker for a chromosome translocation of *Triticum ventricosum* carrying leaf rust, stripe rust and stem rust resistance genes. Plant Genome VII. San Diego, California, USA.
 57. Schlatter, A. R.; M. Manifesto; M. Helguera, L. Bullrich, G. Tranquilli, S. Lewis, S. Marcucci Poltri, H.E. Hopp, E.Y. Suárez, and **J. Dubcovsky**. 1999. Use of molecular markers in wheat pre-breeding. Argentine Genetic Symposium.
 58. Papa, D., G. R. Anderson, C. A. Miller, **J. Dubcovsky**, E. S. Lagudah, N. L.V. Lapitan. 2000. Fish physical mapping of DNA sequences associated with RWA resistance in wheat and barley. Plant Genome VIII, San Diego Jan 9-12, USA Poser 36. Pg. 60.
 59. Vágújfalvi, A., C. Croasatti, G. Galiba, **J. Dubcovsky**, and L. Cattivelli. 2000. Mapping of regulatory loci controlling the accumulation of cold-regulated Cor14b mRNA in wheat. 6th International Wheat Conference, Budapest, Hungary. June 2000.
 60. Rousset, M., M. Brabant, R. S. Kota, **J. Dubcovsky**, and J. Dvorak. 2000. Use of recombinant substitution lines for gene mapping and qtl analysis of bread making quality in wheat. 6th International Wheat Conference, Budapest, Hungary. June 2000.
 61. Cenci, A., N. Chantret, O. Anderson, and **J. Dubcovsky**. 2000. Construction of a Bacterial Artificial Chromosome (BAC) library of durum wheat. Proc. of Italian Soc. of Agricultural Genetic. September 20-23, 2000.
 62. Cenci, A., N. Chantret, O. Anderson, and **J. Dubcovsky**. 2000. Construction of a Bacterial Artificial Chromosome (BAC) library of durum wheat. International Triticeae Mapping Initiative (ITMI). Delaware, IN, USA. June 14th-16th.
 63. Stamova, B. and **J. Dubcovsky**. 2000. Identification of mismatch repair gene homologues in wheat. Mismatch Repair Workshop, Marconi Center, CA July 1st to 2nd 2000.
 64. Anker, C. C., **J. Dubcovsky**, and R. E. Niks. 2000. QTLs for prehaustorial and posthaustorial resistance in diploid wheat. Conference on 'Durable Disease Resistance, key to sustainable agriculture', Wageningen, The Netherlands, November 28 - December 1, 2000
 65. Appendino, M.L., L. Bullrich, G. Tranquilli, G. A. Salfer, and **J. Dubcovsky**. 2000. *Earliness per se* in wheat: differences based on a *T. monococcum* locus. XXIII

- Argentine Symposium on Plant Physiology. 11/29/00 - 12/1/00. Río Cuarto, Córdoba, Argentina.
66. Stamova, B., V. C. Echenique, P. Wolters, G. R. Lazo, and **J. Dubcovsky**. 2001. Frequency of retroelements within the *Triticeae* EST databases. Plant and Animal Genome IX Conference, January 13-17, 2001 San Diego, CA
 67. Cenci, A., N. Chantret, O. D. Anderson, and **J. Dubcovsky**. 2001. A half million clones bacterial artificial chromosome (BAC) library of durum wheat. Plant and Animal Genome IX Conference, January 13-17, 2001 San Diego, CA.
 68. **Dubcovsky, J.**, W. Ramakrishna, P. SanMiguel, C. Busso, L. Yan, B. Shiloff, and J. Bennetzen. 2001. Comparative sequence analysis of homeologous barley and rice BACs. Plant and Animal Genome IX Conference, January 13-17, 2001 San Diego, CA.
 69. Yan, L., G. Muzzi, C. Busso, D. Lijavetzki, G. Tranquilli, and **J. Dubcovsky**. 2001. High-density genetic and physical map of vernalization gene *Vrn2* in the *Triticeae*. Plant and Animal Genome IX Conference, January 13-17, 2001 San Diego, CA.
 70. Ramakrishna W., **J. Dubcovsky**, P. SanMiguel, J. Ma, B. Shiloff, J. Emberton, C. S. Busso, L. Yan, N. Rostoks, K. Devos, A. Kleinhofs, C. Bell and J. L. Bennetzen. 2001. Comparative Sequence Analysis of Grass Genomes using Orthologous Regions from Barley, Maize, Pearl Millet, Sorghum, Rice and Wheat. Plant and Animal Genome IX Conference, January 13-17, 2001 San Diego, CA.
 71. Cenci A., N. Chantret, X.-Y., O. Anderson, **J. Dubcovsky**. A half million clones bacterial artificial chromosome (BAC) library of durum wheat. Proc. of Italian Soc. of Agricultural Genetic. Salsomaggiore September 26-29, 2001
 72. Schlatter, A. R, M. M. Manifesto; M. C. Gianibelli and **J. Dubcovsky**. 2001. Relationship between protein and microsatellite alleles located within seed storage protein loci. Proc. of the Fifth Arg. Wheat Symposium. Villa Carlos Paz, Córdoba, Argentina. September 25-28.
 73. Tranquilli, G., J. Heaton, O. Chicaiza, and J. Dubcovsky. 2001. New allelic variants in grain texture related genes expand the range of variation in bread wheat hardness. Proc. of the Fifth Arg. Wheat Symposium. Villa Carlos Paz, Córdoba, Argentina. September 25-28.
 74. **Dubcovsky, J.** 2001. Advances in molecular markers for quality and disease resistance genes in wheat. Proc. of the Fifth Arg. Wheat Symposium. Villa Carlos Paz, Córdoba, Argentina. September 25-28.
 75. Ma, J., P. SanMiguel, **J. Dubcovsky**, B. A. Shiloff, N. Rostoks, Z. Jiang, C. S. Busso, A. Kleinhofs, K. M. Devos, W. Ramakrishna, and J. L. Bennetzen. 2002. Comparative sequence analysis of homologous *wx1* regions in barley, maize, pearl millet, rice, sorghum and wheat. Plant and Animal Genome X Conference, January, 2002 San Diego, CA.
 76. Ramakrishna, W., **J. Dubcovsky**, P. SanMiguel, Y.J. Park, C. S. Busso, L. Yan, J. Emberton and J. L. Bennetzen. 2002. Genic and genomic evolution in a colinear region of four cereal species. Plant and Animal Genome X Conference, January, 2002 San Diego, CA.

77. Ramakrishna, W., J. Ma, P. SanMiguel, J. Emberton, **J. Dubcovsky**, B. A. Shiloff, Z. Jiang, N. Rostoks, C. S. Busso, M. Ogden, E. Linton, A. Kleinhofs, K. M Devos, J. Messing and J. L. Bennetzen. 2002. Frequent genic rearrangements in two regions of grass genomes identified by comparative sequence analysis. Plant and Animal Genome X Conference, January, 2002 San Diego, CA.
78. Adhikari, T., S. B. Goodwin, **J. Dubcovsky**, and Jorge Gieco. 2002. An AFLP marker linked to the *stb4* gene for resistance to septoria tritici leaf blotch in wheat. Plant and Animal Genome X Conference, January, 2002 San Diego, CA.
79. Yan, L., V. Echenique, C. S. Busso, W. Ramakrishna, P. SanMiguel, J. L. Bennetzen, S. Harrington, and **J. Dubcovsky**. 2002. Organization, structure and expression of the genes encoding SNF2-like proteins in cereal plants. Plant and Animal Genome X Conference, January, 2002 San Diego, CA.
80. Olmos, S., A.R. Schlatter, A. Barneix, A. Distelfeld, T. Fahima, V. Echenique, and **J. Dubcovsky**. 2002. Towards a high-density map of the high grain protein content gene in durum wheat. Plant and Animal Genome X Conference, January, 2002 San Diego, CA.
81. Rousset, M., P. Brabant, **J. Dubcovsky**, and J. Dvorak. 2002. Study of the role of chromosome 1D on bread-making characteristics in bread wheat: use of recombinant substitution lines for gene mapping and QTL analysis. 12th Meeting of the European Wheat Aneuploid Co-operative (EWAC). Norwich, July 1 to 6 2002.
82. Cenci, A., S. Somma, N. Chantret, **J. Dubcovsky**, and A. Blanco. 2002. PCR selection of BAC clones containing durum wheat genes for carotenoid biosynthetic pathway. EUCARPIA Cereal Section Meeting "From Biodiversity to Genomics: Breeding Strategies for Small Grain Cereals in the Third Millennium", 21-25 November, Salsomaggiore - Italy
83. Adhikari, T, S.B. Goodwin, and **J. Dubcovsky**. 2003. Molecular markers linked to two Septoria tritici leaf blotch resistance genes in wheat. Plant and Animal Genome XI Conference, January, 2003 San Diego, CA.
84. Distelfeld A., S. Olmos, A.R. Schlatter, A. Barneix, V. Echenique, **J. Dubcovsky**, and Tzion Fahima. 2003. High-density map of the high grain protein content gene in durum wheat. Plant and Animal Genome XI Conference, January, 2003 San Diego, CA.
85. Linkiewicz A., L. Qi, B.S. Gill, S. Chao, O.D. Anderson, and **Jorge Dubcovsky**. 2003. A thousand loci physical map of wheat chromosomes 5A, 5B and 5D. Plant and Animal Genome XI Conference, January, 2003 San Diego, CA.
86. Akhunov, E.D., J. A. Goodyear, S. Geng, L.L. Qi, B. Echaliier, B.S. Gill, J.P. Gustafson, G. Lazo, S. Chao, O.D. Anderson, A.M. Linkiewicz, **J. Dubcovsky**, M. La Rota, M.E. Sorrells, D. Zhang, H.T. Nguyen, V. Kalavacharla, K. Hossain, S.F. Kianian, J. Peng, N.L.V. Lapitan, J.L. Gonzalez-Hernandez, J.A. Anderson, D.-W. Choi, T.J. Close, M. Dilbirligi, K.S. Gill, M.K. Walker-Simmons, C. Steber, P.E. McGuire, C.O. Qualset, & J. Dvorak. 2003. The organization and rate of evolution of wheat genome are correlated with recombination rates along chromosome arms. Plant and Animal Genome XI Conference, January, 2003 San Diego, CA.

87. Anderson O.D., J.A. Anderson, T.J. Close, **J. Dubcovsky**, J. Dvorak, B.S. Gill, K.S. Gill., J.P. Gustafson, S. F. Kianian, N. Lapitan, H. Nguyen, M. Sorrells, C.M. Steber¹², P.E. McGuire, C.O. Qualset. 2003. BIN-mapping in wheat: toward a physical map of wheat using ESTs and deletion stocks. Plant and Animal Genome XI Conference, January, 2003 San Diego, CA.
88. Peng J., H. Zadeh, L. Qi, B. Echaliier, B.S. Gill, S. Chao, G.R. Lazo, O.D. Anderson, E.D. Akhunov, J. Dvorak, A.M. Linkiewicz, J. Dubcovsky, Miftahudin, J.P. Gustafson, T. Dake, M. E. Sorrells, K. Hossain, V. Kalavacharla, S.F. Kianian, M. Dilbirligi, K. S. Gill, D. Zhang, H.T. Nguyen, E. Wennerlind, J.A. Anderson, R.D. Fenton, T.J. Close, P. E. McGuire, C.O. Qualset, N. Lapitan. 2003. Deletion mapping of Expressed Sequence Tags and functional genomics in the group 1 chromosomes of wheat, *Triticum aestivum*. Plant and Animal Genome XI Conference, January, 2003 San Diego, CA.
89. Galiba G., A. Vágújfalvi, I. Kerepesi, C. Crosatti, L. Cattivelli, **J. Dubcovsky**, G. Kocsy, J. Sutka. 2003. Mapping of traits affecting the cold acclimation of wheat. EUCARPIA (European Association for Research on Plant Breeding) Cereal Section Meeting 21-25 November 2002 Salsomaggiore (Italy) "From biodiversity to genomics: breeding strategies for small grain cereals in the third Millenium"
90. Chen, X., M.A. Soria, G. Yan, J. Sun, and **J. Dubcovsky**. Development of molecular markers for the *Yr5* and *Yr15* resistance to wheat stripe rust. *In* Abstracts of 8th Int. Cong. of Plant Pathology. Vol. 2. 2-7 Feb. 2003, Christchurch, New Zealand. p. 297.
91. Blechl, A.E. , P. Bregitzer, **J. Dubcovsky**, P. Sebesta, S. Nguyen, O.D. Anderson, D. Fiedler, O. Chicaiza, J. Fernandez de Soto. 2003. Field Evaluations of Wheats Containing HMW-Glutenin Transgenes. X International Wheat Genetics Symposium. Paestum, Italy. September 1-6.
92. Distelfeld, A., S. Olmos, C. Uauy, A.R. Schlatter, **J. Dubcovsky**, T. Fahima. 2003 Microcolinearity between the grain protein content region in wheat 6B short chromosome arm and rice chromosome 2. X International Wheat Genetics Symposium. Paestum, Italy. September 1-6.
93. Linkiewicz A.M., L. Qi, B. Echaliier, B. S. Gill, S. Chao, G. R. Lazo, O. D. Anderson, E. D. Akhunov, J. Dvorak, Miftahudin, J. P. Gustafson, T. Dake, M. E. Sorrells, K. Hossain, V. Kalavacharla, S. F. Kianian, M. Dilbirligi, K. S. Gill, D. Zhang, H. T. Nguyen, E. Wennerlind, J.Peng, N. Lapitan, J. A. Anderson, R. D. Fenton, T. J. Close, P. E. McGuire, C. O. Qualset, **J. Dubcovsky**. 2003. A two-thousand loci physical map of wheat homoeologous group 5. . X International Wheat Genetics Symposium. Paestum, Italy. September 1-6.
94. Dvorak J., E.D. Akhunov, A.R. Akhunov, M.-C. Luo, A.M. Linkiewicz, **J. Dubcovsky**, D. Hummel, G. Lazo, S. Chao, O.D. Anderson, J. David, L.L. Qi, B. Echaliier, B.S. Gill, Miftahudin, J.P. Gustafson, M. La Rota, M.E. Sorrells, D. Zhang, H.T. Nguyen, V. Kalavacharla, K. Hossain, S.F. Kianian, J. Peng, N.L.V. Lapitan, E.J. Wennerlind, V. Nduati, J.A. Anderson, D. Sidhu, K.S. Gill, D.W. Choi, T.J. Close, P.E. McGuire, C.O. Qualset 2003. New insights into the organization and evolution of wheat genomes. X International Wheat Genetics Symposium. Paestum, Italy. September 1-6.

95. Gill B.S., L. Qi, B. Echaliier, S. Chao, G. Lazo, O.D. Anderson, E.D. Akhunov, J. Dvorak, A.M. Linkiewicz, **J. Dubcovsky**, C.E. Bermudez-Kandianis, R.A. Greene, R. Kantety, M.E. Sorrells, M. Dilbirligi, D. Sidhu, M. Eryman, K.S. Gill, Miftahudin, X. Ma, A. Mahmoud, J.P. Gustafson, E.J. Wennerlind, V. Nduati, J.L. Gonzalez-Hernandez, J.A. Anderson, J. Peng, N.L.V. Lapitan, K. Hossain, V. Kalavacharla, S.F. Kianian, M.S. Pathan, H.T. Nguyen, D.W. Choi, T.J. Close, P.E. McGuire, and C.O. Qualset. 2003. Deletion bin map of EST loci of bread wheat. X International Wheat Genetics Symposium. Paestum, Italy. September 1-6.
96. **Dubcovsky J.**, and L. Yan. 2003. Allelic variation in the promoter of *Ap1*, the candidate gene for *Vrn-1*. . X International Wheat Genetics Symposium. Paestum, Italy. September 1-6.
97. Peng J.H., H. Zadeh, G. Lazo, L. Qi, B. Echaliier, B.S. Gill, S. Chao, O.D. Anderson, D. Sandhu, K.S. Gill, R.A. Greene, M.E. Sorrells, E.D. Akhunov, J. Dvorak, A.M. Linkiewicz, **J. Dubcovsky**, K. Hossain, S.F. Kianian, Miftahudin, J.P. Gustafson, E. Wennerlind, J.A. Anderson, M.S. Pathan, H.T. Nguyen, P.E. McGuire, C.O. Qualset & N.L.V. Lapitan. 2003. A Physical Map of Expressed Sequence Tags and Functional Genomics in the Group *1* Chromosomes of Wheat, *Triticum aestivum*. X International Wheat Genetics Symposium. Paestum, Italy. September 1-6
98. Akhunov E.D., J.L. David, S. Chao, G. Lazo, O.D. Anderson, L. Qi, B. Echaliier, B.S. Gill, A.M. Linkiewicz, **J. Dubcovsky**, Miftahudin, J.P. Gustafson, M. La Rota, M.E. Sorrells, D. Zhang, H.T. Nguyen, K. Hossain, S.F. Kianian, J. Peng, N.L.V. Lapitan, E.J. Wennerlind, V. Nduati, J.A. Anderson, D. Sidhu, K.S. Gill, P.E. McGuire, C.O. Qualset and J. Dvorak. 2003. GC composition and codon usage in genes of inbreeding and outcrossing Triticeae species. X International Wheat Genetics Symposium. Paestum, Italy. September 1-6.
99. Dvorak J., E.D. Akhunov, A.R. Akhunov, M.-C. Luo, A. M. Linkiewicz, **J. Dubcovsky**, D. Hummel, G. Lazo, S. Chao, O.D. Anderson, J. David, L-L. Qi, B. Echaliier, B.S. Gill, Miftahudin, J.P. Gustafson, M. La Rota, M.E. Sorrells, D. Zhang, H.T. Nguyen, V. Kalavacharla, K. Hossain, S. F. Kianian, J.H. Peng, N.L.. Lapitan, E.J. Wennerlind, V. Nduati, J.A. Anderson, D. Sidhu, K S. Gill, D.-W. Choi, T.J. Close, P.E. McGuire, C.O. Qualset. 2003. New Insights into the Organization and Evolution of Wheat Genomes. X International Wheat Genetics Symposium. Paestum, Italy. September 1-6.
100. **Dubcovsky J.**, A. Loukoianov and L. Yan. 2003. Positional cloning of vernalization genes from wheat. 2003. ASA-CSSA-SSSA Annual Meetings. Denver, Colorado November 2-6, 2003.
101. Galiba G., A. Vágújfalvi, B. Tóth, G. Kocsy, I. Kerepesi, L. Cattivelli., N. Pecchioni, E. Francia, **J. Dubcovsky**, J. Snape, and J. Sutka. 2003. Genetic regulation of cold acclimation in cereals. In "Functional genomics of cold tolerance in plants and integration of breeding strategies with plant genomics" workshop, Sapporo, Japan, August 26-27 2003.
102. Kade M., A. J. Barneix, S. Olmos, **J. Dubcovsky**. 2003. Utilization of nitrogen in tetraploid wheat *Triticum turgidum* var. *durum* cv. Langdon and recombinant

- substitution line Langdon durum-*dicoccoides* [LDN(DIC-6B)(#68)]. XXXII Argentine Genetics Symposium. Huerta Grande, Argentina. September 21-24, 2003
103. Olmos S., A. Distelfeld, O. Chicaiza, A. R. Schlatter, T. Fahima, V. Echenique and **J. Dubcovsky**. 2003. Mapping of a locus affecting protein content in the grain of pasta wheat. XXXII Argentine Genetics Symposium. Huerta Grande, Argentina. September 21-24, 2003
 103. Gill B.S., L.L. Qi, B. Echalié, S. Chao, G. Lazo, O.D. Anderson, E.D. Akhunov, J. Dvorak, A.M. Linkiewicz, **J. Dubcovsky**, C.E. Bermudez-Kandianis, R.A. Greene, M.La Cota, M.E. Sorrells, M. Dilbirligi, D. Sidhu, M. Eryman, K.S. Gill, Miftahudin, X.F. Ma, A. Mahmoud, J.P. Gustafson, E.J. Wennerlind, V. Nduati, J. L. Gonzalez-Hernandez, J.A. Anderson, J.H. Peng, N.L.V. Lapitan, K. Hossain, V. Kalavacharla, S.F. Kianian, M.S. Pathan, H.T. Nguyen, D.W. Choi, T.J. Close, P.E. McGuire, and C.O. Qualset. 2003. A transcriptome map of wheat. X International Wheat Genetics Symposium. Paestum, Italy. September 1-6.
 104. Vanzetti L, M. M. Nisi, M. B. Formica, M. L. Appendino, G. Tranquilli, M. M. Manifesto, L. Yan, **J. Dubcovsky**, M. Helguera. 2003. Use of genetic variation in the *GBSS* and *API* genes to characterize common wheat germoplasm. IV Symposium of Genetic Resources for Latin America and the Caribbean. November 10-14, 2003. Mar del Plata. Argentina.
 105. Miller A., A. Vágújfalvi, G. Galiba, L. Cattivelli, **J. Dubcovsky**. 2004. Characterization of the cold-regulated transcriptional activator *CBF* gene family in diploid wheat. Proceedings of the Plant and Animal Genome XII Conference, January, 2004 San Diego, CA. Poster 443, page 181.
 106. Uauy C., A. Distelfeld, T. Fahima, and **J. Dubcovsky**. 2004. Physical map of the high grain protein content locus in wheat. Proceedings of the Plant and Animal Genome XII Conference, January, 2004 San Diego, CA. Poster 435, Page 179.
 107. Zhang W., A.J. Lukaszewski, M.A. Soria, and **J. Dubcovsky**. 2004. Molecular characterization of recombinant lines of chromosome 7 between *L. elongatum* and wheat. Proceedings of the Plant and Animal Genome XII Conference, January, 2004 San Diego, CA.
 108. Loukoianov A., L. Yan, and **J. Dubcovsky**. 2004. Transcriptional analysis of the *VRN1* gene in diploid (*Triticum monococcum*) and hexaploid wheat (*Triticum aestivum*). Proceedings of the Plant and Animal Genome XII Conference, January 2004, San Diego, CA. Poster 439, Page 180.
 109. **Dubcovsky J.**, L. Yan and A. Loukoianov. 2004. Molecular characterization of wheat vernalization genes. Proceedings of the Plant and Animal Genome XII Conference, January 2004, San Diego, CA.
 110. Chantret, N., A. Cenci, O.D. Anderson, and **J. Dubcovsky**. 2004. The analysis of *Triticum monococcum* 101-kb at the *Ha* locus revealed partial conservation of microcolinearity between wheat and rice. Proceedings of the Plant and Animal Genome XII Conference, January 2004, San Diego, CA. Poster 434, Page 179.
 111. Soria M.A., I.A. Khan, J.A. Anderson, G. Brown-Guedira, K.G. Campbell, A.K. Fritz, B.S. Gill, K.S. Gill, S. Haley, S.F. Kianian, K. Kidwell, N.L.V. Lapitan, H. Ohm, J.D. Sherman, M.E. Sorrells, E. Souza, L. Talbert, and **J. Dubcovsky**. 2004. The MASwheat

- project: bringing genomics to the wheat fields. Proceedings of the Plant and Animal Genome XII Conference, January 2004, San Diego, CA. Poster 410, Page 173.
112. Yan L., J. Sherman, K. Kato, M. Helguera, and **J. Dubcovsky**. 2004. Allelic variation at the wheat *VRN-A1* promoter region. Proceedings of the Plant and Animal Genome XII Conference, January, 2004 San Diego, CA. Poster 44, Page 181.
 113. Gu Y.-Q., C. Crossman, X. Kong, M. Luo, F.M. You, **J. Dubcovsky** and O.D. Anderson. 2004. Genome complexity of the α -gliadin gene family in wheat. Proceedings of the Plant and Animal Genome XII Conference, January 2004, San Diego, CA..
 114. Hossain K.G., V. Kalavacharla, G. Lazo, J. Hegstad, M. J. Wentz, K. Simons, S. Gehlhar, R. R. Syamala, K. Obeori, B. Suresh, P. Karunadharma, S. Chao, O. D. Anderson, L. Qi, B. S. Gill, A. M. Linkiewicz, Jorge Dubcovsky, E. D. Akhunov, J. Dvorak, Miftahudin, J. P. Gustafson, M. Dilbirligi, K. S. Gill, J. Peng, N.L.V. Lapitan, T. Dake, M. E. Sorrells, O. Feril, M. S. Pathan, H. T. Nguyen, J. Gonzalez, E. Wennerlind, J. A. Anderson, .D. Fenton, T.J. Close, P. E. McGuire, C. O. Qualset, & S. F. Kianian. 2004. A 2100 EST loci map of group 7 chromosomes of wheat (*Triticum aestivum* L.). Proceedings of the Plant and Animal Genome XII Conference, January 2004, San Diego, CA..
 115. Miftahudin, K. Ross, X.-F. Ma, A. Mahmoud, J. Layton, M. Rodriguez, T. Chikmawati, J. Ramalingam, O. Feril, M. S. Pathan, G. Surlan Momorovic, H. T. Nguyen, K.G. Hossain, V. Kalavacharla, S.F. Kianian, G. Lazo, S. Chao, O.D. Anderson, L. Qi, B.S. Gill, A.M. Linkiewicz, **J. Dubcovsky**, E.D. Akhunov, J. Dvorak, M. Dilbirligi, K.S. Gill, J. Peng, N.L.V. Lapitan, T. Dake, M.E. Sorrells, , J. Gonzalez, E. Wennerlind, J.A. Anderson, D. Fenton, T.J. Close, P.E. McGuire, C.O. Qualset, & J.P. Gustafson. 2004. Physical Bin Map of EST on Wheat Homoeologous Group 4 Chromosomes. Proceedings of the Plant and Animal Genome XII Conference, January 2004, San Diego, CA.
 116. Yan L., G. Tranquilli, M. Helguera, and **J. Dubcovsky**. *Triticum monococcum* germplasm: a valuable source to study the allelic variation in the promoter of *Ap1*, the candidate gene for the vernalization gene *Vrn-1*. IV Symposium of Genetic Resources for Latin America and the Caribbean. November 10-14, 2003. Mar del Plata. Argentina.
 117. Kianian, S., O. Riera-Lizarazu, R. Yadegari, B. Gill, **J. Dubcovsky**, J. Nelson and W. Perrizo. (2003). Development of Diploid Wheat (*Triticum Monococcum*) Deletion Lines for Reverse Genetics. Proceedings of the International Genome Research on Wheat (IGROW) Consortium Workshop, November, 2003 Washington DC.
 118. **Dubcovsky J.**, and L. Jackson. 2004. "Marker-Assisted Selection for Disease Resistance in Wheat". Proceedings of the 2004 California Plant and Soil Conference. Feb 4, 2004, Visalia, CA.
 119. Blechl A, O. Chung, P. Bregitzer, **J. Dubcovsky**, and P. Sebesta. (2004) Kernel, mixing and baking characteristics of transgenic wheats with varying HMW-GS contents. American Association of Cereal Chemists, September 2004, San Diego
 120. Uauy C., A. Distelfeld, T. Fahima, **J. Dubcovsky**. 2004. Current status of the positional cloning of *Gpc-6B1*, a gene affecting grain protein content in wheat. International Triticeae Mapping Initiative Workshop Minneapolis, University of Minnesota. May 22-25, 2004

121. Díaz M., V. Echenique, N. Paniego, M. Helguera, **J. Dubcovsky**. 2004. Analysis and functional classification of transcripts from diploid wheat with different growth habits. REDBIO Conference. Punta Cana, Dominican Republic, 21-25 June 2004.
122. Picca A., V. Conti, A. Carrera, V. Echenique, W. Zhang, A. Schlatter, M. Díaz, F. Manthey, P. Polci, R. Miranda, M. Nisi, M. Helguera, **J. Dubcovsky**. Mapping genes involved in durum wheat quality. REDBIO Conference. Punta Cana, Dominican Republic, 21-25 June 2004.
123. Kianian S., O. Riera-Lizarazu, R. Yadegari, B. Gill, **J. Dubcovsky**, J. Nelson and W. Perrizo.(2004). DEALING in the wheat genome: development and application of a large-scale reverse genetic tools for crop plants. Proceedings of the International Triticeae Mapping Initiative 2004 Summer Workshop, May, 2004 Minneapolis, MN.
124. Helguera M., M. Nisi, L. Vanzetti, J. Frascina, Daolin Fu, L. Yan & **J. Dubcovsky**. 2004. Use of molecular markers to characterize the vernalization alleles in hexaploid wheats from Argentina. VI National Wheat Symposium, Bahía Blanca, Argentina, October 20-22, 2004.
125. Distelfeld A., C. Uauy, **J. Dubcovsky**, T. Fahima. 2005. Physical mapping of Gpc-B1, a gene affecting grain protein content in durum wheat (*Triticum turgidum* ssp. *durum*). Proceedings of the Plant and Animal Genome XIII Conference, January 2005, San Diego, CA
126. Fu D., P. Szûcs, L. Yan, M. Helguera, J.S. Skinner, J. von Zitzewitz, P..M. Hayes, **J. Dubcovsky**. 2005. Allelic variation of the *Vrn-1* gene is linked to growth habit in wheat and barley. Proceedings of the Plant and Animal Genome XIII Conference, January 2005, San Diego, CA.
127. Valarik M., A. Linkiewicz, and **J. Dubcovsky**. 2005. Microcolinearity between wheat and rice in the *EPS-A^{m1}* gene region. Proceedings of the Plant and Animal Genome XIII Conference, January 2005, San Diego, CA.
128. Soria M.A., J.A. Anderson, G. Brown-Guedira, K.G. Campbell , E.M. Elias, A.K. Fritz, B.S. Gill, K.S. Gill, S. Haley, S.F. Kianian, K. Kidwell, N.L.V. Lapitan, H. Ohm, J.D. Sherman, M.E. Sorrells, E. Souza, L. Talbert, **J. Dubcovsky**. 2005 The MASwheat project. Impact of genomics on wheat breeding. Proceedings of the Plant and Animal Genome XIII Conference, January 2005, San Diego, CA.
129. Vanzetti L., L. Pfluger, M. Rodríguez Quijano, J. M. Carrillo, **J. Dubcovsky**, M. Helguera. 2005. Genetic variability for the Waxy genes in Argentinean hexaploid wheats. 7th Int. Wheat Conference, Mar del Plata Argentina, 11/27 – 12/2 2005.
130. Vanzetti, L., J.C. Brevis, **J. Dubcovsky**, M. Helguera. 2005. Identification of microsatellite markers linked to the *Lr47* leaf rust resistance gene in wheat. VI Symposium Argentine-Chilean REDBIO, Buenos Aires, Argentina, 7-10 June 2005.
131. Olmos, S., A. Distelfeld, O. Chicaiza, A.R. Schlatter, T. Fahima, V. Echenique, **J. Dubcovsky**. 2005. Studies towards the positional cloning of a gene responsible for high grain protein content in tetraploid wheat. VI Symposium Argentine-Chilean REDBIO, Buenos Aires, Argentina, 7-10 June 2005. **Award best work in plant biotechnology**
132. Distelfeld, A., T.K. Blake, A. Korol, A.M. Fischer, **J. Dubcovsky**, C. Uauy, and T. Fahima. 2005. The barley grain protein content (GPC) QTL on chromosome arm 6HS is colinear

- with wheat *Gpc-B1* and co-localizes with barley QTLs associated with nitrogen metabolism. Plant Genomics European Meeting. Amsterdam 19-23, September 2005. (<http://www.plantgems.org/plantgems4/frameset.html>).
133. Kidwell, K., D. Santra, C. Uauy, X. Chen, K. Garland Campbell, **J. Dubcovsky**. 2005. Identifying and utilizing high-temperature adult-plant resistance to combat stripe rust in wheat. ASA-CSSA-SSSA International Annual Meeting. Salt Lake City, UT - November 6 - 10, 2005.
 134. Kong L., M. Bonafede, **J. Dubcovsky**, and H. Ohm. 2006. DNA markers linked to the grain texture locus in diploid wheat. Plant and Animal Genome XIV Conference, January 2006, San Diego, CA. Poster 120.
 135. Bonafede M., L. Kong, G. Tranquilli, H. Ohm, and **J. Dubcovsky**. 2006. Reduction of a *Triticum monococcum* chromosome segment carrying the softness genes *Pina* and *Pinb* translocated to bread wheat. Plant and Animal Genome XIV Conference, January 2006, San Diego, CA. Poster 319.
 136. Akunov, E.D., A.R. Akunova, O.D. Anderson, J.A. Anderson, N. Blake, M.T. Clegg, D. Coleman-Derr, E.J. Conley, C.C. Crossman, K.K. Deal, **J. Dubcovsky**, B.S. Gill, Y.Q. Gu, J.Hadam, H. Heao, N. Huo, G.R. Lazo, K.E. Lundy, M.C. Luo, Y.Q. Ma, D.E. Matthews, P.E. McGuire, P. Morrell, C.O. Qualset, J. Renfro, D. Tabanao, L.E. Talbert, C. Tian, D. Toleno, F.M. You, W. Zhanng, and J. Dvorak. 2006. SNP discovery and deployment in polyploid wheat. Plant and Animal Genome XIV Conference, January 2006, San Diego, CA. Poster 289.
 137. Uauy, C., J.C. Brevis, X. Chen, I. Khan, L. Jackson, O. Chicaiza, A. Distelfeld, T. Fahima, and **J. Dubcovsky**. 2006. High-temperature adult-plant (HTAP) stripe rust resistance gene *Yr36* from *Triticum turgidum* ssp. *dicoccoides* is closely linked to the grain protein content locus *Gpc-B1*. Plant and Animal Genome XIV Conference, January 2006, San Diego, CA. Poster 305.
 138. Valarik, M. and **J. Dubcovsky**. 2006. Wheat-rice microcolinearity at the earliness *per se* gene *EpsA^{m1}* region. Plant and Animal Genome XIV Conference, January 2006, San Diego, CA. Poster 310.
 139. Santra, D.K., M. Santra, C. Uauy, K. Garland-Campbell, X. Chen, **J. Dubcovsky**, and K.K. Kidwell. 2006. Identifying a QTL for High Temperature Adult Plant resistance to stripe rust in wheat (*Triticum aestivum* L.). Plant and Animal Genome XIV Conference, January 2006, San Diego, CA. Poster 313.
 140. Zhang, W., Chao, S., F. Manthey, A. Carrera, V. Echenique, G. Cervigni, M. Helguera, and **J. Dubcovsky**. 2006. QTLs mapping for semolina and pasta color in durum wheat. Plant and Animal Genome XIV Conference, January 2006, San Diego, CA. Poster 313.
 141. **Dubcovsky J.** 2006. Cloning QTLs for frost tolerance and vernalization in wheat. Plant and Animal Genome XIV Conference, January 2006, San Diego, CA. Workshop Abstract 370.
 142. Pidal B, L. Yan, D. Fu, G. Tranquilli, and **J. Dubcovsky**. 2006. Epistatic interactions between wheat vernalization genes *VRN1* and *VRN2*: effect of different *VRN1* regulatory sites. XXXV Argentinean Congress of Genetics – September 24-27, 2006, San Luis-Argentina.

143. Dvorak, J, E.D. Akhunov, A.R. Akhunova, O.D. Anderson, J.A. Anderson, N. Blake, M.T. Clegg, D. Coleman-Derr, E.J. Conley, C.C. Crossman, K.R. Deal, **J. Dubcovsky**, B.S. Gill, Y.Q. Gu, J. Hadam, H.Y. Heo, N. Huo, G. Lazo, K.E. Lundy, M.C. Luo, Y.-Q. Ma, D.E. Matthews, P.E. McGuire, P. Morrell, C.O. Qualset, J. Renfro, S. Raynolds, D. Tabanao, L.E. Talbert, C. Tian, D. Toleno, F.M. You, W. Zhang. 2006. SNPs, new generation high-throughput markers for wheat genetics and breeding. ITMI Workshop, Adelaide, Australia, August 27-31 2006.
144. Chengxia L., L. Yan, A. Blechl, M. Bonafede, A. Loukoianov, and **J. Dubcovsky**. 2006. Characterization of the interactions between vernalization genes in wheat. Plant Biology. Boston, US. August 5-9 2006.
145. Sade Johnson and **J. Dubcovsky**. 2006. Haplotype Polymorphism In Polyploid Wheats And Their Diploid Ancestors. Abstract No. 758. Annual Biomedical Research Conference for Minority Students (ABRCMS) November 8 - 11, 2006 in Anaheim, California. [African American female undergraduate student.
146. **Dubcovsky J.** 2007. Regulation of the Initiation of Reproductive Development in Barley and Wheat by the *VRN3* Vernalization Gene. USDA Awardees Meeting Washington DC, March 12-14, 2007.
147. Soria M., J. Anderson, P. Baenziger, B. Berzonsky, G. Brown-Guedira, K. Campbell, B. Carver, S. Chao, **Dubcovsky J.**, A. Fritz, C. Griffey, G. Bai, S. Haley, J. Johnson, S. Kianian, K. Kidwell, M. Mergoum, H. Ohm, J. Peterson, O. Riera Lizarazu, J. Rudd, L. Talbert, J. Sherman, M. Sorrells, E. Souza, R. Zemetra. Wheat Coordinated Agricultural Project: Applying Genomic Technologies to Wheat Improvement. 2nd International Conference on Plant Molecular Breeding (ICPMB), China, March 23-27, 2007.
148. Zhang, W., S. Chao, E.D. Akhunov, F. M. You, O. D. Anderson, J. Dvorak, J. Dubcovsky. 2007. Discovery of SNPs for wheat homoeologous group 5 and polymorphism among US adapted wheat germplasm. Plant and Animal Genome XV Conference, January 2007, San Diego, CA. Poster 184.
149. Soria M., J. Anderson, P. Baenziger, B. Berzonsky, G. Brown-Guedira, K. Campbell, B. Carver, S. Chao, **Dubcovsky J.**, A. Fritz, C. Griffey, G. Bai, S. Haley, J. Johnson, S. Kianian, K. Kidwell, M. Mergoum, H. Ohm, J. Peterson, O. Riera Lizarazu, J. Rudd, L. Talbert, J. Sherman, M. Sorrells, E. Souza, R. Zemetra. 2007. The Wheat CAP project: applying genomic technologies to wheat improvement. Plant and Animal Genome XV Conference, January 2007, San Diego, CA. Poster 262.
150. Chao S., W. Zhang, **J. Dubcovsky**, and M. Sorrells. 2007. Evaluation of genetic diversity and genome-wide linkage disequilibrium among US wheat (*Triticum aestivum* L.) germplasm representing different market classes. Plant and Animal Genome XV Conference, January 2007, San Diego, CA. Poster 267.
151. Fu D., M. Dunbar, **J. Dubcovsky**. 2007. Wheat *Vin3*-like PHD finger genes are up-regulated by vernalization. Plant and Animal Genome XV Conference, January 2007, San Diego, CA. Poster 292.
152. Valarik M., M. Faricelli, **J. Dubcovsky**. 2007. Walking towards the *Eps-A^m1* gene on *T. monococcum* and *Brachypodium*. Plant and Animal Genome XV Conference, January 2007, San Diego, CA. Poster 299.

153. Dvorak J., E.D. Akhunov, A.R Akhunova, O.D. Anderson, J.A Anderson, N. Blake, M.T. Clegg, D. Coleman-Derr, E.J Conley, C.C. Crossman, K.R. Deal, **J. Dubcovsky**, et al. 2007. Wheat SNP markers: mapping and deployment. Plant and Animal Genome XV Conference, January 2007, San Diego, CA. Poster. W229.
154. **J. Dubcovsky**, D. Fu, C. Li, A. Blechl, G. Tranquilli, L. Yan. Vernalization genes *VRN-B4* from wheat and *VRN-H3* from barley are the same gene. Plant and Animal Genome XV Conference, January 2007, San Diego, CA. Poster. W226.
155. Uauy C., A. Distelfeld, T. Fahima, A. Blechl, **J. Dubcovsky**. 2007. The wheat *Gpc-B1* QTL for grain protein, *Zn*, and *Fe* content is a transcription factor regulating senescence. Plant and Animal Genome XV Conference, January 2007, San Diego, CA. Poster. W357.
156. Distelfeld, A., C. Uauy, T. Fahima, A. Blechl, **J. Dubcovsky**. 2007. The wheat *Gpc-B1* QTL for grain protein content is a transcription factor associated with senescence and mineral remobilization. American Association of Plant Biology, July 7-11, 2007, Chicago Illinois.
157. Yan, L., D. Fu, C. Li, A. Blechl, G. Tranquilli, M. Bonafede, A. Sanchez, M. Valarik, and **J. Dubcovsky**. Wheat and Barley vernalization. NRI-USDA Cover Stories: Major Scientific Publications Featuring NRI-funded Research. 2007-N0.3
158. Valarik M., M. Faricelli, **J. Dubcovsky**. 2007. Microcolinearity between wheat, rice and *Brachypodium* in the *Eps-A^{m1}* region. The Aaronsohn-ITMI International Conference, Tiberias, Israel April 16-20, 2007.
159. **Dubcovsky, J.** 2007. Interactions between photoperiod and vernalization in wheat and barley. The Aaronsohn-ITMI International Conference, Tiberias, Israel April 16-20, 2007.
160. **Dubcovsky, J.**, L. Yan, L., C. Li, A. Blechl, D. Fu. 2007. Regulation of the initiation of reproductive development in barley and wheat by the *VRN3* vernalization gene. NRI Project Director (PD) meeting Washington D.C. March 12-14, 2007.
161. Tranquilli G., O. Chicaiza, J. C. Brevis, and **J. Dubcovsky**. 2007. *Pina-D1b* vs. *Pinb-1b*: effects associated to these wheat puroindoline alleles evaluated in near isogenic lines. International Conference on Cereals and Cereal Products. Quality and Safety, September 23-26, 2007, Rosario, Argentina.
162. Bonafede, M., G. Tranquilli, L. Pflüger, and **J. Dubcovsky**. 2007. Evaluation of wheat near isogenic lines to assess the effects of the LMW-GS microsatellite-based allelic variation on predictive tests for bread making quality. International Conference on Cereals and Cereal Products. Quality and Safety, September 23-26, 2007, Rosario, Argentina.
163. M. Soria, J. Anderson, P. Baenziger, B. Berzonsky, G. Brown-Guedira, K. Campbell, B. Carver, S. Chao, **J. Dubcovsky**, et al.. 2007. Wheat Coordinated Agricultural Project: Applying Genomic Technologies to Wheat Improvement. Genomics in Agricultural Research Conference at Purdue University, Sept 10-12, 2007 (www.entm.purdue.edu/conference)
164. Lewis S.M., M.L. Appendino, M.E. Faricelli, **J. Dubcovsky**. 2007. Variation at the wheat *Eps-A^{m1}* locus affects yield components. In Plant eco-physiology applied to the study of

- yield determination and quality of grain crops. “Raíces” Ecophysiology SECyT. 6-7 septiembre 2007, Mar de Plata, Argentina.
165. Uauy C., Distelfeld A., Fahima T., A. Blechl, and **Dubcovsky J.** 2007. Map-based cloning of *GPC-B1* reveals a NAC transcription factor affecting senescence and grain protein, zinc and iron content in wheat. Crop Science Society of America (CSSA) November 4-8, 2007, New Orleans, LA
 166. Garland Campbell K., A. Knox, C. Li, A. Vágújfalvi, G. Galiba, E.J. Stockinger L. Reddy, Q. Song, and **J. Dubcovsky.** 2008. Identification of Genetic Factors Conferring Cold Tolerance in Winter Wheat. Plant and Animal Genome XVI Conference, January 2008, San Diego, CA.
 167. Distelfeld A., G. Tranquilli, **J. Dubcovsky.** 2008. Genetic and molecular characterization of vernalization gene, *VRN2*, in tetraploid wheat. Plant and Animal Genome XVI Conference, January 2008, San Diego, CA.
 168. Uauy C., F. Paraiso, R. Tran, H. Tsai, S. Berardi, C. Wright, L. Comai, J. Dubcovsky. 2008. Wheat TILLING: a reverse genetics approach for functional gene analysis. Plant and Animal Genome XVI Conference, January 2008, San Diego, CA. Poster 257.
 169. Fu D., C. Uauy, A. Distelfeld, T. Fahima, X. Chen, **J. Dubcovsky.** 2008. High density map of wheat stripe rust resistance gene *Yr36*. Plant and Animal Genome XVI Conference, January 2008, San Diego, CA.
 170. Faricelli M.E., M. Valarik, S. Lewis, L. Appendino, and **J. Dubcovsky.** 2008. Cloning of *Eps-A^m1*, a gene affecting reproductive development, in *Triticum monococcum* L. Plant and Animal Genome XVI Conference, January 2008, San Diego, CA.
 171. Chao S., W. Zhang, E. Akhunov, J. Sherman, Y. Ma, M.C. Luo, and **J. Dubcovsky.** Analysis of gene-derived SNP marker polymorphism in wheat (*Triticum aestivum* L.) Plant and Animal Genome XVI Conference, January 2008, San Diego, CA.
 172. Soria M., J. Sherman, J. Anderson, S. Baenziger, G. Bai, B. Berzonsky, G. Brown-Guedira, K. Campbell, B. Carver, S. Chao, **J. Dubcovsky,** et al. 2008. WheatCAP: empowering wheat farmers with new breeding technologies. Plant and Animal Genome XVI Conference, January 2008, San Diego, CA.
 173. Akhunov E.D., A.R. Akhunova, O.D. Anderson, J.A. Anderson, N. Blake, M.T. Clegg, D. Coleman-Derr, E.J. Conley, C.C. Crossman, K.R. Deal, **J. Dubcovsky,** et al. 2008. Patterns of nucleotide diversity in polyploid wheat. Plant and Animal Genome XVI Conference, January 2008, San Diego, CA.
 174. Knox A., C. Li, A. Vágújfalvi G. Galiba, E. Stockinger, **J. Dubcovsky.** 2008. Identification of candidate *CBF* genes for the frost tolerance locus *Fr-A^m2* in *Triticum monococcum*. 11th Int. Wheat Genetics Symp. Brisbane, Australia, August 24-29.
 175. Dubcovsky J., C. Li, A. Distelfeld, B. Pidal, G. Tranquilli. 2008. Genes and gene networks regulating wheat development. 11th Int. Wheat Genetics Symp. Brisbane, Australia, August 24-29.

176. Yoshida T., H. Nishida, A. Distelfeld, **J. Dubcovsky**, and K. Kato. 2008. Genetic mapping of *Vrn-D4* gene in hexaploid wheat. 11th Int. Wheat Genetics Symp. Brisbane, Australia, August 24-29.
177. Brevis J.C., and **J. Dubcovsky**. 2008. Effect of the *Gpc-B1* region from *Triticum turgidum* ssp. *dicoccoides* on grain yield and thousand grain weight. 11th Int. Wheat Genetics Symp. Brisbane, Australia, August 24-29.
178. Faricelli M., M. Valarik, S. Lewis, L. Appendino, **J. Dubcovsky**. 2008. Physical map of the *Eps-A^m1* gene region in *Triticum monococcum* L. 11th Int. Wheat Genetics Symp. Brisbane, Australia, August 24-29.
179. Akhunov E.D., A.R. Akhunova, O.D. Anderson, J.A. Anderson, N. Blake, M.T. Clegg, D. Coleman-Derr, E.J. Conley, C.C. Crossman, K.R. Deal, **J. Dubcovsky**, B.S.Gill, Y.Q. Gu, J. Hadam, H.Y. Heo, N. Huo, G.R.Lazo, M.C. Luo, Y.Q. Ma, D.E. Matthews, P.E. McGuire, P. Morrell, C.O. Qualset, J. Renfro, S. Reynolds, D. Tabanao, L.E. Talbert, C. Tian, D. Toleno, M. Warburton, F.M. You, W. Zhang, and J. Dvorak. 2008. Purifying selection and gene conversion in polyploid wheat evolution. 11th Int. Wheat Genetics Symp. Brisbane, Australia, August 24-29.
180. Dvorak J, E.D. Akhunov, A.R. Akhunova, O.D. Anderson, J.A. Anderson, N. Blake, M.T. Clegg, D. Coleman-Derr, E.J. Conley, C.C. Crossman, K.R. Deal, **J. Dubcovsky**, B.S.Gill, Y.Q. Gu, J. Hadam, H.Y. Heo, N. Huo, G.R.Lazo, K.E. Lundy, S. Reynolds, D. Tabanao, L.E. Talbert, C. Tian, D. Toleno, M. Warburton, F.M. You, W. Zhang. 2008. Wheat diversity map. 11th Int. Wheat Genetics Symp. Brisbane, Australia, August 24-29.
181. Brevis J.C. and J. Dubcovsky. 2008. Effect of the *Gpc-B1* region from *Triticum turgidum* ssp. *dicoccoides* on grain and total protein yield. Crop Science Society of America (CSSA) October 5-9 Huston, TX.
182. Waters B.M., C. Uauy, J. Dubcovsky, M.A. Grusak. 2008. Effect of wheat *NAM* genes on remobilization of Fe and Zn and translocation of minerals to grain during grain fill. Crop Science Society of America (CSSA) October 5-9 Huston, TX.
183. Sorrells, M.E., J. Anderson, M. Baum, J. Dubcovsky, E. Lagudah, and R. Singh. 2008. Molecular markers for wheat stem rust resistance: current research and future plans. Ug99 Rust Workshop, 11th Int. Wheat Genetics Symp. Brisbane, Australia, August 24-29.
184. Bonafede, M., G. Tranquilli, L. Pflüger, D. Panichi, D. Lafiandra, and **J. Dubcovsky**. 2008. Evaluation of the effects of different LMW-GS alleles on breadmaking predictive quality tests using isogenic lines. VII National Wheat Congress, Santa Rosa, La Pampa, Argentina. July 2-4, 2008.
185. Garbus, I., A.D. Carrera, **J. Dubcovsky**, and V. Echenique. 2008. Identification and characterization of lipoxygenase genes from a pasta wheat BAC library. VII National Wheat Congress, Santa Rosa, La Pampa, Argentina. July 2-4, 2008.
186. Tranquilli, G., O. Chicaiza, J.C. Brevis, and **J. Dubcovsky**. 2008. Diferencias en la textura de grano de trigo asociadas a los alelos de puroindolinas *Pina-D1b* y *Pinb-D1b*. VII National Wheat Congress, Santa Rosa, La Pampa, Argentina. July 2-4, 2008.

187. Anderson J.A., P.S. Baenziger, G. Bai, B. Berzonsky, G. Brown-Guedira, K. Campbell, B.F. Carver, S. Chao, E. Elias, **J. Dubcovsky**, A. Fritz, C.A. Griffey, S.D. Haley, J.W. Johnson, S.F. Kianian, K.K. Kidwell, D.E. Matthews, M. Mergoum, H. Ohm, J. Peterson, O. Riera-Lizarazu, J. Rudd, J. Sherman, M.A Soria, L. Talbert, M.E. Sorrells, E. Souza, and R. Zemetra. 2008. WheatCAP: Bringing Genomics to the Wheat Fields. VIII International Oat Conference, Minneapolis MN, June 28 - July 2, 2008
188. Li C and **J. Dubcovsky**. 2008. Wheat FT protein regulates *VRN1* transcription through interactions with FDL2. Gordon Research Conference – Plant Molecular Biology, Holderness School in Holderness NH United States, July 13-20, 2008.
- *189. Galiba G., A. Vágújfalvi, C. Li, A. Soltész, I. Vashegyi, L. Cattivelli, and **J. Dubcovsky**. 2008. Interaction between vernalization and frost tolerance in cereal. COST Action FA0604 Conference "TritiGen" at Albena (Bulgaria) Sept. 22-24
- *190. Close T.J. et al. (47 co-authors including **J. Dubcovsky**). 2009. Coupling ESTs, SNPs, BACs, mapping populations, flow-sorting and synteny to access the barley genome. Plant and Animal Genome XVII Conference, January 2009, San Diego, CA.
- *191 Colasuonno P., C. Uauy, D. Beckles, F. Paraiso, W. Zhang, and **J. Dubcovsky**. 2009. TILLING *Starch Branching Enzyme-IIa* and *Iib* to produce high amylose wheat. Plant and Animal Genome XVII Conference, January 2009, San Diego, CA.
- *192 Zhang W., S. Chao, F. Manthey, O. Chicaiza, J.C. Brevis, V. Echenique, **J. Dubcovsky**. 2009. Pasta quality QTLs mapping and candidate genes identification in durum wheat. Plant and Animal Genome XVII Conference, January 2009, San Diego, CA.
- *193 Anderson J.A., P.S. Baenziger, G. Bai, B. Berzonsky, G. Brown-Guedira, K. Campbell, B.F. Carver, S. Chao, E. Elias, A. Fritz, C.A. Griffey, S.D. Haley, J.W. Johnson, S.F. Kianian, K.K. Kidwell, D.E. Matthews, M. Mergoum, H. Ohm, J. Peterson, O. Riera-Lizarazu, J. Rudd, J. Sherman, M.A Soria, L. Talbert, M.E. Sorrells, E. Souza, R. Zemetra, and **J. Dubcovsky**. 2009. The WheatCAP project delivers genomic resources for improved wheat breeding. Plant and Animal Genome XVII Conference, January 2009, San Diego, CA.
- *194. Faricelli M.E., S. Lewis, M.L. Appendino, M. Valarik, and **J. Dubcovsky**. 2009. The Chromosome Region Including the Earliness per se locus *Eps-A^{m1}* Affects Duration of Early Developmental Phases and Spikelet Number in Diploid Wheat. Plant and Animal Genome XVII Conference, January 2009, San Diego, CA.
- *195. Galiba G., A. Vágújfalvi, C. Li, A. Soltész, I. Vashegyi, L. Cattivelli, J. Dubcovsky. 2009. The role of vernalization gene *Vrn1* in the manifestation of frost tolerance in wheat. Plant Abiotic Stress Tolerance conference in Altes AKH, Hörsaal C1, Vienna, Austria. February 08 - 11, 2009

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