

Helen Donis-Keller Publications

Journal Articles

Hatfull, G.F., D. Jacobs-Sera, J.G. Lawrence, W.H. Pope, D.A. Russell, C-C. Ko, R.J. Weber, M.C. Patel, K.L. Germane, R.H Edgar, N.N. Hoyte, C.A. Bowman, A.T. Tantoco, E.C. Paladin, M.S. Myers, A.L. Smith, M.S. Grace, T.T. Pham, M.B. O'Brien, A.M. Vogelsberger, A.J. Hryckowian, J.L. Wynalek, H. Donis-Keller, M.W. Bogel, C.L. Peebles, S.G. Cresawn, R.W. Hendrix (2010). Comparative Genomic Analysis of 60 Mycobacteriophage Genomes: Genome clustering, Gene Acquisition and Gene Size. *Journal of Molecular Biology*, 397(1): 119 - 143.

Donis-Keller, H. (2009). A Course in Communication and Creativity for Undergraduates in Engineering: Seeing and Hearing: Communicating with Photographs, Video and Sound. 2009 American Society for Engineering Education Annual Meeting, June 14-17, Austin, TX, DVD meeting publication.

Somerville, M., D. Anderson, H. Berbeco, J.R. Bourne, J. Crisman, D. Dabby, H. Donis-Keller, S. Holt, D.V. Kerns, Jr., S.E. Kerns, R. Martello, R.K. Miller, M. Moody, G. Pratt, J.C. Pratt, C. Shea, S. Schiffman, S. Spence, L.A. Stein, J.D. Stolk, B.D. Storey, B. Tilley, B. Vandiver, and Y. Zastavker (2005). The Olin Curriculum: Thinking toward the future. *IEEE Transactions on Education*, 48(1): 198 – 205.

Oriola, J., I. Halperin, F. Rivera-Fillat, and H. Donis-Keller (2002). The finding of a somatic deletion in RET exon 15 clarified the sporadic nature of a medullary thyroid carcinoma suspected to be familial. *Journal of Endocrinology Investigation*, 25(1): 25-31.

Glass, A.G., H. Donis-Keller, C. Mies, J. Russo, B. Zehnbauer, S. Taube, and R. Aamodt (2001). The Cooperative Breast Cancer Tissue Resource: archival tissue for the investigation of tumor markers. *Clinical Cancer Research*, 7: 1843-1849.

Ghiasvand, N.M., A.B. Kanis, C. Helms, V.C. Sheffield, E.M. Stone, and H. Donis-Keller (2000). Nonsyndromic congenital retinal nonattachment gene maps to human chromosome band 10q21. *American Journal of Medical Genetics*, 90(2): 165-168.

Ghiasvand, N.M., T.P. Fleming, C. Helms, A. Avisa, and H. Donis-Keller (2000). Genetic fine mapping of the gene for nonsyndromic congenital retinal nonattachment. *American Journal of Medical Genetics*, 92(3): 220-223.

Wang, J.C., D.M. Radford, M.S. Holt, C. Helms, A. Goate, W. Brandt, M. Parik, N.J. Phillips, K. DeSchryver, M.E. Schuh, K.I. Fair, J. H. Ritter, P. Marshall, and H. Donis-Keller (1999). Sequence-ready contig for the 1.4-cM ductal carcinoma *in situ* loss of heterozygosity region on chromosome 8p22-p23. *Genomics*, 60(1): 1-11.

Doll, J.A., X. Zhu, J. Furman, Z. Kaleem, C. Torres, P.A. Humphrey, and H. Donis-Keller (1999). Genetic analysis of prostatic atypical adenomatous hyperplasia (adenosis). *American Journal of Pathology*, 155(3): 967-971.

Urban, Z., V.V. Michels, S.N. Thibodeau, H. Donis-Keller, K. Csiszar, and C.D. Boys (1999). Supravalvular aortic stenosis: a splice site mutation within the elastin gene results in reduced expression of two aberrantly spliced transcripts. *Human Genetics*, 104(2): 135-142.

Bacher, J.W., J.W. Schumm, C. Helms, and H. Donis-Keller (1999). Chromosome localization of codis loci and new pentanucleotide repeat loci. Proceedings of the 18th International ISFH Congress

Bacher, J.W., L.F. Hennes, T. Gu, A. Tereba, K.A. Micka, C.J. Sprecher, A.M. Lins, E. A. Amiott, D.R. Rabbach, J. A. Taylor, C. Helms, H. Donis-Keller, and J.W. Schumm (1998). Pentanucleotide Repeats: highly polymorphic genetic markers displaying minimal stutter artifact. Proceedings from the Ninth International Symposium on Human Genetics pgs 24-37.

Inoue, H., Y. Tanizawa, J. Wasson, P. Behn, K. Kalidas, E. Bernal-Mizrachi, M. Mucckler, H. Marshall, H. Donis-Keller, P. Crock, D. Rogers, M. Mijuni, H. Kumashira, K. Higashi, G. Sobue, Y. Oka, and M. A. Permutt (1998). A gene encoding a transmembrane protein is mutated in patients with diabetes mellitus and optic atrophy (Wolfram syndrome). *Nature Genetics*, 20(2): 143-148.

Ferrer, J., J. Wasson, K.D. Schoor, M. Mueckler, H. Donis-Keller, and M.A. Permutt (1997). Mapping novel pancreatic islet genes to human chromosomes. *Diabetes*, 46(3): 386-392.

Inoue, H., A. Rudnick, M. S. German, R. Veile, C. Helms, H. Donis-Keller, and M. A. Permutt (1997). Isolation, characterization, and chromosomal mapping of the human Nkx6.1 gene, a new pancreatic islet homeobox gene. *Genomics*, 40: 367-370.

Pandit, S. D., T. O'Hare, H. Donis-Keller, and L. J. Pike (1997). Functional characterization of an epidermal growth factor receptor/RET chimera. *Journal of Biological Chemistry*, 272: 2199-2206.

Aoki, M., L. Koranyi, A. C. Riggs, J. Wasson, K. C. Chiu, M. Vaxillaire, P. Froguel, S. Gough, L. Liu, H. Donis-Keller, and M. A. Permutt (1997). Identification of trinucleotide repeat containing genes in human pancreatic islets. *Diabetes*, 45(6): 789-794.

Iannotti, C.A., H. Inoue, E. Bernal, M. Aoki, L. Liu, H. Donis-Keller, M.S. German, and M.A. Permutt (1997). Identification of a human LMX1 (LMX1.1)-related gene, LMX1.2: tissue-specific expression and linkage mapping on chromosome 9. *Genomics*, 46(3): 520-524.

Morton, S. M., R. A. Veile, C. Helms, M. Lee, W-L. Kuo, J. Gray, and H. Donis-Keller (1997). Subregional localization of 23 chromosome 7-specific expressed sequence tags (ESTs) by FISH using newly identified YACs and P1s. *Genomics*, 46:491-494.

Doll, J. A., B. K. Suarez, and H. Donis-Keller (1996). Association between prostate cancer in Black Americans and an allele of the PADPRP pseudogene locus on chromosome 13. *American Journal of Human Genetics*, 58:425-428.

Inoue, H., A.C. Riggs, Y. Tanizawa, K. Ueda, A. Kuwano, L. Liu, H. Donis-Keller, and M.A. Permutt (1996). Isolation, characterization, and chromosomal mapping of the human insulin promoter factor 1 (IPF-1) gene. *Diabetes*, 45(6): 789-794.

Phillips, N. J., M. Ziegler, D. M. Radford, K. L. Fair, T. Steinbrueck, F. P. Xynos, and H. Donis-Keller (1996). Allelic deletion on chromosome 17p13.3 in early ovarian cancer. *Cancer Research* 56: 606-611.

Pandit, S., H. Donis-Keller, J. Tomich, and L. Pike (1996). The MEN 2B mutation alters long term regulation and enhances the transforming capacity of the EGF receptor. *Journal of Biological Chemistry*, 271(10): 5850-5858.

White, G. R. M., M. Stack, M. Santibanez-Koref, D. S. Liscia, T. Venesio, J-C. Wang, C. Helms, H. Donis-Keller, D. C. Betticher, H. J. Altermatt, P. R. Hoban, and J. Heighway (1996). High levels of loss at the 17p telomere suggest the close proximity of a tumour supressor. *British Journal of Cancer*, 74: 863-870.

Belloni, E., M. Muenke, E. Roessler, G. Traverso, J. Siegel-Bartelt, A. Frumkin, H. f. Mitchell, H. Donis-Keller, C. Helms, A. V. Hing, H. H. Q. Heng, B. Koop, D. Martindale, J. M. Rommens, L. C. Tsui , and S. W. Scherer (1996). Identification *sonic-hedgehog* as a candidate gene responsible for holoprosencephaly. *Nature Genetics*, 14: 353-356.

Urban, Z., C. Helms, G. Fekete, K. Csiszar, D. Bonnet, A. Munnich, H. Donis-Keller, and C. D. Boyd (1996). 7q11.23 deletions in Williams syndrome arise as a consequence of unequal meiotic crossing over. *American Journal of Human Genetics*, 59: 958-962.

Vocero-Akbani, A., C. Helms, J-C. Wang, F. J. Sanjurjo, J. Korte-Sarfaty, R. A. Veile, L. Liu, A. Jauch, A. K. Burgess, A. Hing, M. S. Holt, S. Ramachandra, A. J. Whelan, R. Anker, L. Ahrent, M. Chen, M. R. Gavin, K. Iannantuoni, S. M. Morton, S. D. Pandit, C. M. Read, T. Steinbrueck, C. Warlick, D. A. Smoller, and H. Donis-Keller (1996). Mapping human telomere regions with YAC and P1 clones: Chromosome specific markers for 27 telomeres including 149 STSs and 24 polymorphisms for 14 proterminal regions. *Genomics*, 36: 492-506.

Schrock, E., G. Thiel, T. Lozanova, S. SuManoir, M-C. Meffert, A. Jauch, M. R. Speicher, P. Nurnberg, S. Vogel, W. Janisch, H. Donis-Keller, T. Ried, , R. Witkowski, and T. Cremer (1995). Comparative genomic hybridization of human malignant gliomas reveals multiple amplification sites and non-random chromosomal gains and losses. *American Journal of Pathology*, 144: 1203-1218.

L.C. Tsui, H. Donis-Keller, and K.H. Grzeschik (1995). Report of the second international workshop on human chromosome 7 mapping 1994. *Cytogenetics and Cell Genetics*, 71(1): 2-21.

Glaser, B., K. C. Chiu, L. Liu, R. Anker, A. Nestorowicz, N. J. Cox, H. Landau, N. Kaiser, P. A. Thornton, C. A. Stanley, E. Cerasi, L. Baker, H. Donis-Keller, and M. A. Permutt (1995). Recombinant mapping of the Familial Hyperinsulinism gene to an 0.8 cM region on chromosome 11p15.1 and demonstration of a founder effect in Ashkenazi Jews. *Human Molecular Genetics*, 4: 879-886.

Litt, M., P. Kramer, E. Kort, P. Fain, S. Cox, D. Root, R. White, J. Weissenbach, H. Donis-Keller, R. Gatti, J. Weber, Y. Nakamura, C., Julier, K. Hayashi, N. Spurr, M. Dean, J. Mandel, K. Kidd, T. Kruse, A. Retief, A. Bale, T. Meo, G. Vergnaud, S. Warren, and H. F. Willard (1995). The CEPH consortium linkage map of human chromosome 11. *Genomics*, 27: 101-112.

Kitamoto, Y., Veile, R.A., Donis-Keller, H., and J. E. Sadler (1995). cDNA sequence and chromosomal localization of human enterokinase, the proteolytic activator of trypsinogen. *Journal of Biochemistry*, 34: 4562-4568.

Kozman, H.M., T.P. Keith, S. Gerken, H. Donis-Keller, R. L. White, J. Weissenbach, M. Dean, G. Vergnaud, K. Kidd, J. Gusella, A. Jeffreys, G.R. Sutherland, and J. C. Mulley (1995). The CEPH consortium linkage map of human chromosome 16. *Genomics*, 25: 44-58.

Radford, D. M., K. L. Fair, N. J. Phillips, J. H. Ritter, T. Steinbrueck, M. S. Holt, and H. Donis-Keller (1995). Allotyping of ductal carcinoma *in situ* (DCIS) of the breast: deletion of loci on 8p, 13q, 16q, 17p, and 17q. *Cancer Research*, 55: 3399-3405.

Tsui, L-C, H. Donis-Keller, and K-H Grzeschik (1995). Report of the Second International Workshop on human chromosome 7 mapping 1994. *Cytogenetics and Cell Genetics*, 71: 2-31.

Hing, A. V., C. Helms, R. Slaugh, A. Burgess, J. C. Wang, T. Herman, S. B. Dowton, and H. Donis-Keller (1995). Linkage of preaxial polydactyly type 2 to 7q36. *American Journal of Medical Genetics*, 58: 128-135.

Cox, D. W., G. D. Billingsley, A. E. Bale, Cooperative Human Linkage Center, H. Donis-Keller, J. H. Edwards, M. Litt, W. McBride, F. Persichetti, N. K. Spurr, J. L. Weber, J. Weissenbach, and R. White (1995). CEPH consortium map of Chromosome 14. *Cytogenetics and Cell Genetics*, 69:175-178.

Pandit, S. D., J. C. Wang, R. A. Veile, S. K. Mishra, C. A. Warlick, and H. Donis-Keller (1995). Index, comprehensive microsatellite, and unified linkage maps for human chromosome 14 with cytogenetic tie points and a telomere microsatellite marker. *Genomics*, 29: 653-664.

Radford, D. M., M. S. Holt, J. H. Ritter, N. J. Phillips, K. L. Fair, K. DeSchryver, E. Schuh, and H. Donis-Keller (1995). Allelic Loss on chromosome 8p occurs early in the development of breast carcinoma. *Surgical Forum*, 46: 553-535.

Donis-Keller (1995). The RET protooncogene and Cancer. *Journal of Internal Medicine*, 238: 319-325.

Cox, S., S. P. Bryant, A. Collins, J. Weissenbach, H. Donis-Keller, P. H. Reitsma, A. Steunjasserer, and N. K. Spurr (1995). Integrated gene map of human chromosome 2. *Annals of Human Genetics*, 59: 413-434.

Radford, D. M., N. J. Phillips, K. L. Fair, J. H. Ritter, M. Holt, and H. Donis-Keller (1995). Allelic loss and the progression of breast cancer. *Cancer Research*, 55: 5180-5183.

Attwood, J., M. Chiano, A. Collins, H. Donis-Keller, N. Dracopoli, J. Fountain, C. Falk, D. Goudie, J. Gusella, J. Haines, J. L. Armour, A. Jeffreys, D. Kwiatkowski, M. Lathrop, T. Matise, H. Northrup, M. A. Pericak-Vance, J. Phillips, A. Retief, E. Robson, D. Shields, S. Slaugenhoupt, G. Vergnaud, J. Weber, J. Weissenbach, R. White, J. Yates, and S. Povey (1994). CEPH consortium map of chromosome 9. *Genomics*, 19: 203-214.

Carlson, K. M., S. Dou, D. Chi, N. Scavarda, K. Toshima, C. E. Jackson, S. A. Wells, Jr., P. J. Goodfellow, and H. Donis-Keller (1994). A single missense mutation in the tyrosine kinase catalytic domain of the RET protooncogene is associated with multiple endocrine neoplasia type 2B. *Proceedings of the National Academy of Science, USA*, 91: 1579-1583.

Lindberg, F. P., D. M. Lublin, M. J. Telen, R. A. Veile, Y.E. Miller, H. Donis-Keller, and E.J. Brown (1994). Rh-related antigen CD47 is the signal-transducer integrin associated protein. *Journal of Biological Chemistry*, 269:1567-1570.

Wells, S. A. Jr. and H. Donis-Keller (1994). Current perspectives on the diagnosis and management of patients with the multiple endocrine neoplasia type 2 syndromes. *Endocrinology and Metabolism Clinics of North America*, 23:215-228.

Glaser, B., K. C. Chiu, R. Anker, A. Nestorowicz, H. Landau, H. Ben-Bassat, Z. Shlomai, N. Kaiser, P. S. Thornton, C. A. Stanley, R. S. Spielman, K. Gogolin-Ewens, E. Cerasi, L. Baker, J. Rice, H. Donis-Keller, and M. A. Permutt (1994). Familial hyperinsulinism maps to 11p14-15.1 30cM centromeric to the insulin gene. *Nature Genetics*, 7:185-188.

Carlson, K. M., S. Dou, K. Toshima, D. Chi, and H. Donis-Keller (1994). Three dinucleotide repeat polymorphisms closely linked to the RET protooncogene D10S1098, D10S1099 and D10S1100. *Human Molecular Genetics*, 3:1207.

Ott, J. and H. Donis-Keller (1994). Statistical methods in genetic mapping: meeting report. *Genomics*, 22: 496-497.

Tanizawa, Y., A. C. Riggs, S. C. Elbein, A. Whelan, H. Donis-Keller, and M. A. Permutt (1994). Human Glucagon-like peptide-1 receptor gene in non-insulin dependent diabetes mellitus: identification and use of simple sequence repeat polymorphisms in genetic analysis. *Diabetes*, 43:752-757.

Chi, D. D., K. Toshima, S. A. Wells, Jr., and H. Donis-Keller (1994). Predictive testing for Multiple Endocrine Neoplasia Type 2A based on the detection of mutations in the RET protooncogene. *Surgery*, 116: 124-133.

Wells, S. A., Jr., D. D. Chi, K. Toshima, L. P. Dehner, C. M. Coffin, S. B. Dowton, J. L. Ivanovitch, M. K. DeBenedetti, J. F. Moley, and H. Donis-Keller (1994). Predictive DNA testing and prophylactic thyroidectomy in patients at risk for multiple endocrine neoplasia type 2A. *Annals of Surgery*, 220: 237-250.

Haltia, M., M. Vitaanen, R. Sulkava, V. Ala-Hurula, M. Poyhonen, B. Frangione, H. Houlden, R. Crook, A. Goate, S. Pandit, H. Donis-Keller, L. Liu, K. Axelman, L. Forsell, L. Lannfelt, and J. Hardy (1994). Chromosome 14 - encoded Alzheimer's Disease: Genetic and Clinicopathological Description. *Annals of Neurology*, 36: 362-367.

Garver, R. I., Jr., D. M. Radford, H. Donis-Keller, M. R. Wick, and P. G. Milner (1994). Midkine and pleiotropin expression in normal and malignant breast tissue. *Cancer*, 74: 1584-1590.

Kaufman, B. A., P. S. White, T. Steinbrueck, H. Donis-Keller, and G. M. Brodeur (1994). Linkage mapping of the TNFR2 gene to 1p36.2 using the SSCP technique. *Human Genetics*, 94 (4): 418-422.

Kobayashi, H., K. T. Montgomery, S. K. Bolhlander, C. N. Adra, B. L. Lim, R. S. Kucherlapati, H. Donis-Keller, M. S. Holt, M. M. LeBeau, and J. D. Rowley (1994). Fluorescence *in situ*

hybridization mapping of translocations and deletions involving the short arm of human chromosome 12 in malignant hematologic diseases. *Blood*, 84: 3773-3482.

Tanizawa, Y., A. C. Riggs, S. Dagogo-Jack, M. Vaxillaire, P. Froguel, L. Liu, H. Donis-Keller, and M. A. Permutt. (1994). Isolation of the human LIM/homeodomain gene Islet-1 (*Isl-1*) and identification of a simple sequence repeat polymorphism. *Diabetes*, 43: 935-941.

Glaser, B., R. Anker, K. C. Chiu, H. Donis-Keller, and M. A. Permutt (1994). Dinucleotide repeat polymorphism at the human gastrin/cholecystokinin type B receptor (CCKBR) locus on 11p15.4. *Human Molecular Genetics*, 3(11): 2081.

Lairmore, T. C., S. Dou, J. R. Howe, D. Chi, K. Carlson, R. Veile, S. K. Mishra, S. A. Wells, Jr., and H. Donis-Keller (1993). A 1.5 megabase contig of yeast artificial chromosome clones containing three loci (RET, D10S94, and D10S102) closely linked to the MEN2A locus. *Proceedings of the National Academy of Science, USA* 90: 492-496.

Howe, J. R., T. C. Lairmore, R. Veile, S. Dou, S. A. Wells, Jr., and H. Donis-Keller (1993). Development of a sequence-tagged site for the centromere of chromosome 10: its use in cytogenetic and physical mapping. *Human Genetics*, 91: 199-204.

Crouch, E., K. Rust, R. Veile, H. Donis-Keller, and L. Grosso (1993). Genomic Organization of human surfactant protein D: SP-D is encoded on chromosome 10q22.2-23.1. *Journal of Biological Chemistry*, 268: 2976-2983.

York, J. D., R. A. Veile, H. Donis-Keller, and P. W. Majerus (1993). The cloning, heterologous expression and chromosomal localization of human inositol polyphosphate 1-phosphatase. *Proceedings of the National Academy of Science, USA*, 90: 5833-5837.

Radford, D. M., K. Fair, A. M. Thompson, T. Steinbrueck, M. Holt, J. H. Ritter, M. Wallace, D. Patterson, S. A. Wells, Jr., and H. Donis-Keller (1993). Allelic loss on chromosome 17 in ductal carcinoma *in situ* of the breast. *Cancer Research*, 53: 2947-2950.

Lengauer, C., M. R. Speicher, S. Popp, A. Jauch, M. Taniwaki, R. Nagaraja, H. Riethman, H. Donis-Keller, M. D'Urso, D. Schlessinger, and T. Cremer (1993). Chromosomal bar codes produced by multicolor fluorescence *in situ* hybridization with multiple YAC clones and whole chromosome painting probes. *Human Molecular Genetics*, 2: 505-512.

Ball, D. W., C. G. Azzoli, S. B. Baylin, D. Chi, S. Dou, H. Donis-Keller, A. Cumaraswamy, M. Borges, and B. D. Nelkin (1993). Identification of a human *achaete-scute* homolog highly expressed in neuroendocrine tumors. *Proceedings of the National Academy of Science, USA* , 90: 5648-5652.

Hing, A. V., C. Helms, and H. Donis-Keller (1993). VNTR and microsatellite polymorphisms within the subtelomere region of 7q. *American Journal of Human Genetics*, 53: 509-517.

Donis-Keller, H. S. Dou, D. Chi, Katrin M. Carlson, K. Toshima, T. C. Lairmore, J. R. Howe, J. F. Moley, P. F. Goodfellow, and S. A. Wells, Jr. (1993). Mutations in the RET proto-oncogene are associated with MEN 2A and FMTC. *Human Molecular Genetics*, 2: 851-856.

Litt, M., P. Kramer, X. Y. Hauge, J. L. Weber, Z. Wang, P. J. Wilkie, M. S. Holt, S. Mishra, H. Donis-Keller, L. Warnich, A. E. Retief, C. Jones, and J. Weissenbach (1993). A microsatellite-based index map of human chromosome 11. *Human Molecular Genetics*, 2: 909-913.

Hing, A. V., J. Corteville, R. P. Foglia, H. Donis-Keller, and S. B. Dowton (1993). Fetus in Fetu: Molecular analysis of a fetiform mass. *American Journal of Medical Genetics*, 47: 333-341.

Radford, D. M., K. L. Fair, A. M. Thompson, J. H. Ritter, M. Holt, S. A. Wells, Jr., and H. Donis-Keller (1993). Chromosomal regions implicated in the development of breast cancer. *Surgical Forum*, 44: 502-504.

Wood, S., K. B. Othmane, U. S. R. Bergerheim, S. H. Blanton, R. Bookstein, R. A. Clarke, S. P. Daiger, H. Donis-Keller, D. Drayna, S. Kumar, R. J. Leach, H-J. Ludecke, J. Oshima, L. A. Sadler, N. K. Spurr, T. Steinbrueck, J. Trapman, M. Wagner, Z. Wang, D. Wells, and C. A. Westbrook (1993). Report of the first international workshop on human chromosome 8 mapping. *Cytogenetics and Cell Genetics*, 64: 134-146.

Popp, S., A. Jauch, D. Schindler, M. R. Speicher, C. Lengauer, H. Donis-Keller, H. C. Reithman, and T. Cremer (1993). A strategy for the characterization of minute chromosome rearrangements using multicolor fluorescence *in situ* hybridization with chromosome-specific DNA libraries and YAC clones. *Human Genetics*, 92:527-532.

Matsutani, A., R. Janssen, H. Donis-Keller, and M. A. Permutt (1992). A polymorphic (CA)n repeat element maps the human glucokinase GCK (E.C. 2.7.1.2) gene to chromosome 7p. *Genomics*, 12: 319-325.

Mishra, S. K., C. Helms, D. Dorsey, M. A. Permutt, and H. Donis-Keller (1992). A 2 cM genetic linkage map of human chromosome 7p that includes 47 loci. *Genomics*, 12: 326-334.

Crosby, S. D., R. Veile, H. Donis-Keller, J. M. Baraban, K. Simburger, M. A. Watson, and J. Milbrandt (1992). Neural specific expression and genomic structure of transcription factor NGFI-C. *Proceedings of the National Academy of Science, USA*, 89: 4739-4743.

Howe, J. R., T. C. Lairmore, S. Dou, R. Veile, T. Steinbrueck, S. A. Wells Jr., and H. Donis-Keller (1992). A new RFLP marker D5S348 maps to 5p14.3-15.2, between D5S60 (CRI-R535) and HPRTP2. *Nucleic Acids Research*, 20: 1168.

Iwasaki, H., P. W. Stewart, W. G. Dilley, M. S. Holt, S. A. Wells, Jr., and H. Donis-Keller (1992). A minisatellite and a microsatellite polymorphism within 1.5 kb at the human muscle glycogen phosphorylase (PYGM) locus can be amplified by PCR and have combined informativeness of PIC 0.95. *Genomics*, 13: 7-13.

Anker, R., T. Steinbrueck, and H. Donis-Keller (1992). Tetranucleotide repeat polymorphism at the human thyroid peroxidase (hTPO) locus. *Human Molecular Genetics*, 1: 137.

Chi, D. D., A. V. Hing, C. Helms, C., T. Steinbrueck, S. K. Mishra, and H. Donis-Keller (1992). Two chromosome 7 dinucleotide repeat polymorphisms at gene loci Epidermal Growth Factor Receptor (EGFR) and Proa2 (I) Collagen locus (COL1A2). *Human Molecular Genetics*, 1: 135.

Warlick, C. A., S. Ramachandra, S. K. Mishra, and H. Donis-Keller (1992). Dinucleotide repeat polymorphism at the human cardiac b-myosin heavy chain gene (HMSYHCO1) locus. *Human Molecular Genetics*, 1: 136.

Weaver, R., C. Helms, S. K. Mishra, and H. Donis-Keller (1992). Software for analysis and manipulation of genetic linkage data. *American Journal of Human Genetics*, 50: 1267-1274.

Drury, H. A., K. W. Clark, R. Hermes, J. M. Feser, L. Thomas, Jr., and H. Donis-Keller (1992). A graphical user interface for quantitative imaging and analysis of electrophoretic gels and autoradiograms. *BioTechniques*, 12: 892-898.

Matsutani, A., A. V. Hing, T. Steinbrueck, R. Janssen, J. Weber, A. M. Permutt, and H. Donis-Keller (1992). Mapping the human liver/islet glucose transporter (GLUT-2) gene within a genetic linkage map of chromosome 3q using a (CA)n dinucleotide repeat polymorphism and characterization of the polymorphism in 3 racial groups. *Genomics*, 13: 495-501.

Howe, J. R., T. C. Lairmore, S. Dou, S. K. Mishra, W. G. Dilley, H. Donis-Keller, and S. A. Wells, Jr. (1992). Presymptomatic identification of carriers of the MEN2A gene using flanking DNA markers. *Surgery*, 112: 219-226.

NIH/CEPH Collaborators Mapping Group (1992). A comprehensive genetic linkage map of the human genome. Coordinating editor and senior authorship for maps of chromosomes 2, 6, 7, 8, 12, 14. *Science*, 258: 67-86 and 148-162.

Freije, D., C. Helms, M. S. Watson, and H. Donis-Keller (1992). Identification of a second pseudoautosomal region near the Xq and Yq telomeres. *Science*, 258:1784-1787.

Howe, J. R., T. C. Lairmore, S. K. Mishra, S. Dou, R. Veile, S. A. Wells, Jr., and H. Donis-Keller (1992). Improved predictive test for MEN2 using flanking dinucleotide repeats and RFLPs. *American Journal of Human Genetics*, 51: 1430-1442.

Clark, A.J., and H. Donis-Keller (1992). Mammalian gene studies editorial overview. *Current Biolgy*, 3: 595-596.

Milner, P., D. Shah, R. Veile, H. Donis-Keller, and B. V. Kumar (1992). Cloning, nucleotide sequence and chromosome localization of the human pleiotropin (PTN) gene. *Biochemistry*, 31: 12023-12028.

Helms, C., S. K. Mishra, H. Riethman, A.K. Burgess, S. Ramachandra, C. Tierney, D. Dorsey, and H. Donis-Keller (1992). Closure of a 2.4 cM genetic linkage map of human chromosome 7q with centromere and telomere polymorphisms. *Genomics*, 14: 1041-1054.

Spurr, N. K., S. Cox, S. P. Bryant, J. Attwood, E. A. Robson, D. Shields, T. Steinbrueck, T., Jenkins, J. C. Murray, K. K. Kidd, J. Philips, P. Tsipouras, A. E. Reitef, T. A. Kruse, A. E. Bale, G. Vergnaud, J. Weber, O. W. McBride, H. Donis-Keller, and R. L. White (1992). CEPH consortium linkage map of human chromosome 2. *Genomics*, 14: 1055-1063.

Lairmore, T. C., J. R. Howe, S. Dou, R. Veile, J. A. Korte-Sarfaty, S. A. Wells, Jr. and H. Donis-Keller (1992). Isolation of YAC clones from the pericentromeric region of chromosome 10 and development of new genetic markers linked to the multiple endocrine neoplasia type 2A . (1992) Henry Ford Hospital Medical Journal, 40: 210-214.

Lairmore, T. C., J. R. Howe, S. Dou, D. Chi, K. Carlson, S. K. Mishra, S. A. Wells, Jr., and H. Donis-Keller (1992). Presymptomatic genetic testing for familial medullary thyroid carcinoma. *Surgery* XLIII: 462-464.

Mishra, S.K., C. Helms, D. Dorsey, M.A. Permutt, and H. Donis-Keller (1992). A 2-cM genetic linkage map of human chromosome 7p that includes 47 loci. *Genomics*, 12(2): 326-334.

Lairmore, T. C., J. R. Howe, J. A. Korte, W. G. Dilley, L. Aine, E. Aine, S. A. Wells Jr. and H. Donis-Keller (1991). Familial medullary thyroid carcinoma and multiple endocrine neoplasia type 2B map to the same region of chromosome 10 as multiple endocrine neoplasia type 2A. *Genomics*, 9: 181-192.

Dracopoli, N. C., P. O'Connell, T.I. Elsner, J-M. Lalouel, R.L. White, K.H. Buetow, D.Y. Nishimura, J. C. Murray, C. Helms, S. K. Mishra, H. Donis-Keller, J. M. Hall, M. K. Lee, M-C. King, J. Attwood, N. E. Morton, E. B. Robson, M. Mahtani, H. F. Willard, N. J. Royle, I. Patel, A. J. Jeffreys, V. Verga, J. L. Weber, A. L. Mitchell, and A. Bale (1991). The CEPH consortium linkage map of human chromosome 1. *Genomics*, 9: 686-700.

Weiffenbach, B., K. Falls, A. Bricker, L Hall, J. McMahon, J. Wasmuth, V. Funanage and H. Donis-Keller (1991). A genetic linkage map of human chromosome 5 with 60 RFLP Loci. *Genomics*, 10: 173-185.

Lairmore, T. C., A. Vocero Villeta, S. Dou, T. Steinbrueck and H. Donis-Keller (1991). A new RFLP locus D4S185 maps to human chromosome 4q. *Nucleic Acids Research*, 19: 2518.

Howe, J. R., J. A. Korte, S. Dou, T. Steinbrueck and H. Donis-Keller (1991). A new RFLP marker D12S54 maps between F8VWF and KRAS2 on human chromosome 12p. *Nucleic Acids Research*, 19: 2512.

Kere, J., R. Tolvanen, H. Donis-Keller, and A. de la Chapelle (1991). Refinement of human chromosome 7 map around the proalpha2(I) collagen gene by long-range restriction mapping. *Nucleic Acids Research* 19: 2755-2759.

Farrer, L. A., A. M. Bowcock, J. M. Hebert, B. Bonne-Tamir, I. Sternlieb, M. Giagheddu, P. St. George-Hyslop, M. Frydman, J. Lobner, L. Demelia, C. Carcassi, R. Lee, R. Bekker, A. E. Bale, H. Donis-Keller, I. H. Scheinberg and L. L. Cavalli-Sforza (1991). Predictive testing for Wilson disease using tightly linked and flanking DNA markers. *Neurology*, 41: 992-999.

Howe, J. R., T. C. Lairmore, S. Dou, J. A. Korte, S. A. Wells, Jr., and H. Donis-Keller (1991). Confirmation of genetic homogeneity in multiple endocrine neoplasia type 2A. *Surgical Forum*, 42: 432-435.

Clark, A. J. and H. Donis-Keller (1991). Mammalian gene studies editorial overview. *Current Biology*, 2: 785-786.

Keith, T. P., P. Green, S. T. Reeders, V. A. Brown, P. Phipps, A. Bricker, K. Falls, K. Rediker, J. A. Powers, C. Hogan, C. Nelson, R. Knowlton and H. Donis-Keller (1990). Genetic linkage map of 45 DNA markers on human chromosome 16. *Proceedings of the National Academy of Science, USA*. 87: 5754-5758.

White, R., J-M. Lalouel, Y. Nakamura, H. Donis-Keller, P. Green, D. Bowden, C. Matthew, D. Easton, E. Robson, N. Morton, J. Gusella, J. Haines, A. Retief, K. Kidd, J. Murray, M. Lathrop and H. Cann (1990). The CEPH consortium primary linkage map of human chromosome 10. *Genomics*, 6: 393-412.

Stephens, K., P. Green, V. M. Riccardi, S. Ng, M. Rsing, D. Barker, J. K. Darby, K. Falls, F. Collins, H. F. Willard and H. Donis-Keller. (1989). Genetic analysis of eight loci tightly linked to neurofibromatosis 1. *American Journal of Human Genetics*, 44: 13-19.

Knowlton, R. G., C. A. Nelson, V. A. Brown, D. C. Page and H. Donis-Keller (1989). An extremely polymorphic locus on the short arm of the human X chromosome with homology to the long arm of the Y chromosome. *Nucleic Acids Research*, 17: 423-437.

Fulton, T. R., A. M. Bowcock, D. R. Smith, L. Daneshvar, P. Green, L. Cavalli-Sforza and H. Donis-Keller (1989). A 12 megabase restriction map at the cystic fibrosis locus. *Nucleic Acids Research*, 17: 271-284.

Bale, S. J., N. C. Dracopoli, M. A. Tucker, W. H. Clark Jr., M. C. Fraser, P. Green, H. Donis-Keller, M. H. Greene and D. E. Houseman (1989). Hereditary cutaneous malignant melanoma maps to the short arm of chromosome 1. *New England Journal of Medicine*, 320(May 25): 1367-1372.

Bowden, D. W., H. Muller-Kahle, T. C. Gravius, C. Helms, D. Watt-Morgan, P. Green, and H. Donis-Keller (1989). Identification and characterization of 23 restriction fragment length polymorphic loci by screening random cosmid genomic clones. *American Journal of Human Genetics*, 44: 671-678.

Green, P., C. Helms, B. Weiffenbach, K. Stephens, T. Keith, D. Bowden, D. Smith, and H. Donis-Keller (1989). Construction of a linkage map of the human genome, and its application to mapping genetic diseases. *Clinical Chemistry*, 35(7) Suppl. B: B33-B37.

Smith, D.R., D.T.R. Fulton, P. Swain, A. Bowcock, L. Daneshvar, C. Traver, D.C. Gruenert, R. Davis, L.L. Cavalli-Sforza, and H. Donis-Keller (1989). Cystic fibrosis: diagnostic testing and the search for the gene. *Clinical Chemistry*, 35(7) Suppl.B: B17-B20.

Cohen-Haguenauer, O., N. Van Cong, R. Knowlton, M.-F. deTand, C. Jegou, M.-S. Gross, V. A. Brown, J. Frezal and H. Donis-Keller (1989). Chromosomal assignment of 14 genomic probes for highly polymorphic loci. *Cytogenetics and Cell Genetics*, 50: 78-83.

Bowden, D. W., T. C. Gravius, P. Green, K. Falls, D. Wurster-Hill, W. Noll, H. Muller-Kahle and H. Donis-Keller (1989). A genetic linkage map of 32 loci on human chromosome 10. *Genomics*, 5: 718-726.

Jarcho, J. A., W. McKenna, J. A. Peter Pare, S. D. Solomon, R. F. Holcombe, S. Dickie, L. Tatjana, H. Donis-Keller, J. G. Seidman and C. Seidman (1989). Mapping a gene for familial hypertrophic cardiomyopathy to chromosome 14q1. *New England Journal of Medicine*, 321: 1372-1378.

Kere, J., H. Donis-Keller, T. Ruutu, and A. de la Chapelle (1989). Chromosome 7 long arm deletions in myeloid disorders: terminal DNA sequences are commonly conserved and breakpoints vary. *Cytogenetics and Cell Genetics*, 50: 226-229.

Nugent, C. E., T. Gravius, P. Green, J. W. Larsen, M. D. McMillin and H. Donis-Keller (1988). Prenatal diagnosis of cystic fibrosis by chorionic villus sampling using 12 polymorphic DNA markers. *Journal of Obstetrics and Gynecology*, 71: 213-215.

Schumm, J. W., R. G. Knowlton, J. C. Braman, D. Barker, D. Botstein, B. Akots, V. Brown, T. Gravius, C. Helms, K. Hsaio, K. Rediker, J. Thurston and H. Donis-Keller (1988). Detection of more than 500 single copy RFLPs by random screening. *American Journal of Human Genetics*, 42: 143-159.

Bowden, D. W., H. Muller-Kahle, T. R. Fulton, T. C. Gravius, D. R. Barker and H. Donis-Keller (1988). Studies on locus expansion, library representation, and chromosome walking using an efficient method to screen cosmid libraries. *Gene*, 71: 391-400.

Kazazian, H. H. Jr., S. H. Orkin, C. D. Boehm, S. C. Goff, C. Wong, C. E. Dowling, P. E. Newberger, R. G. Knowlton, V. A. Brown and H. Donis-Keller (1986). Characterization of a spontaneous mutation to a B-thalassemia allele. *American Journal of Human Genetics*, 38: 860-867.

Yam, P. Y., L. D. Petz, R. G. Knowlton, R. B. Wallace, A. D. Stock, G. deLange, V. A. Brown, H. Donis-Keller and K. G. Blume (1987). Use of DNA restriction fragment length polymorphisms to document marrow engraftment and mixed hematopoietic chimerism following bone marrow transplantation. *Transplantation*, 43: 399-407.

Donis-Keller, H., P. Green, C. Helms, S. Cartinhour, B. Weiffenbach, K. Stephens, T. P. Keith, D. W. Bowden, D. R. Smith, E. S. Lander, D. Botstein, G. Akots, K. S. Rediker, T. Gravius, V. A. Brown, M. B. Rising, C. Parker, J. A. Powers, D. E. Watt, E. R. Kauffman, A. Bricker, P. Phipps, H. Muller-Kahle, T. R. Fulton, S. Ng, J. W. Schumm, J. C. Braman, R. G. Knowlton, D. F. Barker, S. M. Crooks, S. E. Lincoln, M. J. Daly and J. Abrahamson. (1987). A genetic linkage map of the human genome. *Cell*, 51(October 23): 319-337.

Barker, D., P. Green, R. Knowlton, J. Schumm, E. Lander, A. Oliphant, H. Willard, G. Akots, V. Brown, T. Gravius, C. Helms, C. Nelson, C. Parker, K. Rediker, M. Rising, D. Watt, B. Weiffenbach and H. Donis-Keller (1987). Genetic linkage map of human chromosome 7 with 63 DNA markers. *Proceedings of the National Academy of Science, USA*, 84 (November): 8006-8010.

Stephens, K., V. M. Riccardi, M. Rising, S. Ng, P. Green, F. S. Collins, K. S. Rediker, J. A. Powers, C. Parker and H. Donis-Keller (1987). Linkage studies with chromosome 17 DNA markers in 45 neurofibromatosis-1 families. *Genomics*, 1: 353-357.

L.D. Petz, P.Y. Yam, R.B. Wallace, A. D. Stock, G. de Lang, R.G. Knowlton, V.A. Brown, H. Donis-Keller, L.R. Hill, S.J. Forman, and K.G. Blume (1986). Mixed hematopoietic chimerism following bone marrow transplantation for hematologic malignancies. *Blood*, 70(5): 1331-1337.

Buchwald, M., H. Willard, M. Schwartz, K. Schmigelo, D. Kennedy, N. Plavsic, M. Zsiga, S. Sengerling, D. Barker, H. Donis-Keller and L.-C. Tsui (1986). Linkage of cystic fibrosis to pro alpha-2 collagen gene, COL1A2 on chromosome 7. *Cytogenetics and Cell Genetics*, 41: 234-239.

Knowlton, R. G., V. A. Brown, J. C. Braman, D. Barker, J. W. Schumm, C. Murray, T. Takvorian, J. Ritz and H. Donis-Keller (1986). Use of highly polymorphic DNA probes for genotypic analysis following bone marrow transplantation. *Blood*, 68(2): 378-385.

Tsui, L.C., M. Buchwald, D. Barker, J. C. Braman, R. G. Knowlton, J. W. Schumm, H. Eiberg, J. Mohr, D. Kennedy, N. Plavsic, M. Zsiga, D. Markiewicz, G. Akots, V. Brown, C. Helms, T. Gravius, C. Parker, K. Rediker and H. Donis-Keller (1985). Cystic fibrosis locus defined by a genetically linked polymorphic DNA marker. *Science*, 230: 1054-1057.

Knowlton, R. G., O. Cohen-Haguenuer, N. Van Cong, J. Frezal, V. A. Brown, D. Barker, J. C. Braman, J. W. Schumm, L.-C. Tsui, M. Buchwald and H. Donis-Keller (1985). A polymorphic DNA marker linked to cystic fibrosis is located on chromosome 7. *Nature*, 318: 380-382.

Reed, R. E., M. F. Baer, C. Guerrier-Takada, H. Donis-Keller and S. Altman (1982). Nucleotide sequence of the gene encoding the RNA subunit (M1 RNA) of ribonuclease P from *Escherichia coli*. *Cell*, 30: 627-636.

Donis-Keller, H., K. Browning and J. M. Clark Jr. (1981). Sequence heterogeneity in satellite tobacco necrosis virus RNA. *Virology*, 110: 43-54.

Donis-Keller, H. (1980). Phy M: an RNase activity specific for U and A residues useful in RNA sequence analysis." *Nucleic Acids Research*, 8: 3133-3142.

Donis-Keller, H., J. Rommelaere, R. W. Ellis and N. Hopkins (1980). Nucleotide sequences associated with difference in electrophoretic mobility of envelope glycoprotein gp70 and with G9 antigen phenotype of certain murine leukemia viruses. *Proceedings of the National Academy of Science, USA*, 77: 1642-1645.

Rommelaere, J., H. Donis-Keller and N. Hopkins (1979). RNA sequencing provides evidence for allelism of determinants of the N-, B-, or NB- tropism of murine leukemia viruses. *Cell*, 16: 43-50.

Donis-Keller, H. (1979). Site specific enzymatic cleavage of RNA. *Nucleic Acids Research*, 7: 179-192.

Donis-Keller, H., A. Maxam and W. Gilbert (1977). Mapping adenines, guanines, and pyrimidines in RNA. *Nucleic Acids Research*, 4: 2527-2538.

Efstratiadis, A., J. N. Vournakis, H. Donis-Keller, B. Chaconas, D. K. Dougall and F. Kafatos (1977). End labelling of enzymatically decapped mRNA. *Nucleic Acids Research*, 4: 4165-4174.

Electronic (Computer Programs)

Weaver, R., C. Helms, S. K. Mishra, and H. Donis-Keller (1992). Software for analysis and manipulation of genetic linkage data. *American Journal of Human Genetics*, 50: 1267-1274.

Drury, H. A., K. W. Clark, R. Hermes, J. M. Feser, L. Thomas, Jr., and H. Donis-Keller (1992). A graphical user interface for quantitative imaging and analysis of electrophoretic gels and autoradiograms. *BioTechniques*, 12: 892-898.

Book Chapters or Sections in Books

Donis-Keller, H. The Intersection of Art, Science and Education: Responding to Climate Change (12/2020) This is the introduction that I wrote for an art book by Erica Daborn titled Dialogues with Mother Earth, which is expected to be published in 2021

Pandit, S. D., and H. Donis-Keller (1996). Human chromosome 14 genetic and physical map status. Encyclopedia of Molecular Biology, VCH Publishers, N.Y., pp.142 - 160.

NIH/CEPH Collaborators Mapping Group (1993). A Comprehensive Genetic Linkage Map of the Human Genome Genetic Maps. Sixth Edition, Book 5: Human Maps pgs. 5.82-5.105. New York, Cold Spring Harbor Press.

Donis-Keller, H. (1992). The Commercial Aspect of Diagnostic Testing. in Fundacion BBV Documenta Human Genome Project: Ethics. Foundation BBV Madrid. 323-331.

Donis-Keller, H. and V. Buckle (1991). Report of the committee on the genetic constitution of chromosome 8. Cytogenetics and Cell Genetics. Basel, Karger. 58: 382-402.

Donis-Keller, H. and V. Buckle (1990). Report of the committee on the genetic constitution of chromosome 8. Cytogenetics and Cell Genetics. Basel, Karger. 55:128-135.

Donis-Keller, H. and C. Helms (1990). An on average 6 cM RFLP linkage map of the human genome. Genetic Maps. Fifth Edition, Book 5: Human Maps pgs. 5.158-1.182. New York, Cold Spring Harbor Press.

Donis-Keller, H. (1989). Disease diagnosis using restriction fragment length polymorphisms. Genetic Engineering Technology in Industrial Pharmacy. New York, Marcel Dekker.

Tsui, L.-C., M. Farrall, and H. Donis-Keller (1989). Report of the committee on the genetic constitution of chromosomes 7 and 8. Cytogenetics and Cell Genetics. Human Gene Mapping 10. Basel, Karger. pgs166-201.

Donis-Keller, H. and D. Botstein (1988). Recombinant DNA methods: applications to human genetics. Progress in Medical Genetics. New York, Elsevier Science Publishing Co.

Tsui, L.-C., M. Farrall, and H. Donis-Keller (1988). Report of the committee on the genetic constitution of chromosomes 7 and 8. Cytogenetics and Cell Genetics. Human Gene Mapping 9.5. Basel, Karger.

Green, P., D. Barker, R. Knowlton, J. Schumm, E. Lander, A. Oliphant, H. Willard, G. Akots, V. Brown, T. Gravius, C. Helms, C. Nelson, C. Parker, K. Rediker, M. Rising, D. Watt, B. Weiffenbach and H. Donis-Keller (1987). A genetic linkage map of chromosome 7 including the cystic fibrosis region. Cellular and Molecular Basis of Cystic Fibrosis. San Francisco, San Francisco Press.

Donis-Keller, H., D. Barker, R. G. Knowlton, J. Schumm and J. Braman (1986). Applications of RFLP probes to genetic mapping and clinical diagnosis in humans. Applications of DNA Probes: Banbury Report. Cold Spring Harbor, Cold Spring Harbor Press.

Donis-Keller, H., D. F. Barker, R. G. Knowlton, J. W. Schumm, J. C. Braman, and P. Green (1986). Highly polymorphic RFLP probes as diagnostic tools. The Cold Spring Harbor

Symposium: The Molecular Biology of Homo Sapiens. Cold Spring Harbor, Cold Spring Harbor Press.

Knowlton, R., V. Brown, J. Braman, D. Barker, J. Schumm, J. Ritz and H. Donis-Keller (1986). Genotypic analysis of cell populations with highly polymorphic DNA probes. Recent Advances in Bone Marrow Transplantation. New York, Alan R. Liss, Inc.

Petz, L. D., P. Yam, R. B. Wallace, A. D. Stock, G. deLange, R. G. Knowlton, V. A. Brown, H. Donis-Keller, and K. G. Blume. (1986). Mixed hematopoietic chimerism following bone marrow transplantation for hematologic malignancies: incidence, characterization, and implications for GVHD and leukemic relapse. Recent Advances in Bone Marrow Transplantation. New York, Alan R. Liss, Inc.

Botstein, D. and H. Donis-Keller. (1984). A molecular approach to defining the inherited components in epilepsy and other diseases of uncertain etiology. Epilepsia. New York, Raven Press.

Fields, B. N., H. L. Weiner, D. T. Drayna, A. H. Sharpe, D. Hardy, D. Rubin, S. Burstin, R. Ahmed, J. Gentsch, and H. Donis-Keller. (1980). The molecular basis of reovirus virulence. Animal Virus Genetics. New York, Academic Press, Inc.

Books and Book Reviews

Donis-Keller, H. The Intersection of Art, Science and Education: Responding to Climate Change (12/2020) Introductory essay for an art book on climate change by Erica Daborn titled Dialogues with Mother Earth, which is expected to be published in 2022.

Donis-Keller, H. Crossing the Portal: Enduring Doorways, 2022, in preparation.

Donis-Keller, H. Foreword in John Wawrzonek's book of the Exhibit at Olin, The Hidden World of the Nearby, 2014.

Donis-Keller, H. Iceland and Death Valley: Extreme Environments at Tectonic Plate Boundaries, A Portfolio of Photographs, Published and available from Blurb.com, 2012

Donis-Keller, H. Lost: Cherished Companions Who Have Gone Astray, Published and available from Blurb.com, 2012

Donis-Keller, H. Lost: Cherished Companions Who Have Gone Astray, ebook Published and available from Blurb.com, ebook also available from the Apple iBookstore

L. Poissant and Daubner, E. Art et Biotechnologies, Presses de l'Universite du Quebec, 2005. ISBN 2-7605-1328-9, 390 pages. Artworks by H. Donis-Keller are included in a CD ROM anthology of artworks that are a part of this book of essays. See also www.gram-arts.org

Andrews, L. B., Fullarton, J. E., Hanna, K. E., Holtman, N. A. and A. G. Motulsky, Eds. Assessing Genetic Risk: Implications for Health and Social Policy, Committee on Assessing Genetic Risks, Division of Health Sciences Policy, Institute of Medicine, National Academy Press, 1994. (member of Committee, wrote minor sections, participated in editing and review of manuscript).

Exons, Introns, and Talking Genes: The Science Behind the Human Genome Project, by Christopher Willis. Book Review by Helen Donis-Keller in *The Quarterly Review of Biology*, June 1993, 69:(2) pp250, University of Chicago Press.