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Educational Qualifications:

1992 -- 1995	Ph.D. in Cancer Biology/Genetics granted by the Graduate School of Biomedical Sciences of the University of Texas at Houston
1984 --1990	Master in Science (Chemistry), given by the School of Sciences (FCEyN) of the University of Buenos Aires (UBA). General Average 8.38 (Top 1%)

Employment Background:

06/03 – to date	Staff Scientist at the Neuro-Oncology Branch of the National Cancer Institute, National Institutes of Health, Bethesda, MD.
08/01 -- to date	Adjunct Assistant Professor (Lecturer) at The George Washington University, Department of Chemistry, Washington, DC.
08/96 -- 11/01	Intramural Research Training Award fellow at the National Institutes of Health, National Human Genome Research Institute, Bethesda, MD.
08/95 -- 08/96	Post-doctoral fellow at University of Texas, M. D. Anderson Cancer Center, Science Park-Research Division, Smithville, TX.
01/92 -- 08/95	Graduate Research Assistant at University of Texas, M. D. Anderson Cancer Center, Science Park-Research Division, Smithville, TX.
04/90 -- 12/91	Graduate Teaching Assistant at the School of Sciences (FCEyN) of the University of Buenos Aires (UBA) in the Department of Inorganic Analytical and Physical-Chemistry, Buenos Aires, Argentina.
01/89 -- 03/90	Research & Development Director of CARLA S.A. Chemical Industries located in Buenos Aires, Argentina.

Publications:

Book Chapters:

- “Biologia molecular. Aplicaciones clinicas en el cancer de mama” (*Molecular biology. Clinical applications in breast cancer*), J.C. Zenklusen and C.J. Conti. In “Actualizaciones en Oncologia” (*Oncology Updates*), M. Gonzales Baron (ed.), Ediciones Fundacion Banco Bilbao-Vizcaya, Bilbao, Spain, 1996.

Peer-reviewed Papers:

- "Influence of hepatic tumors caused by diethylnitrosamine on hexachlorobenzene-induced porphyria in rats" R. Wainstok de Calmanovici, A.C. Cochon, J.C. Zenklusen, C. Aldonatti, J.R.P. Cabral and L.C. San Martin de Viale. Cancer Letters; 58 ,(7/4/91), 3, 225-232.

- "Transforming growth factor-beta expression in Syrian hamster cheek pouch carcinogenesis" J.C. Zenklusen, S.L. Stockman, S.M. Fischer, C.J. Conti and I.B. Gimenez-Conti. Molecular Carcinogenesis; 9, (01/94), 1, 10-16.

- "Altered expression of transforming growth factor-ß$_1$ protein in mouse skin carcinogenesis" B. Patamalai, D.L. Burow, I.B. Gimenez-Conti, J.C. Zenklusen, C.J. Conti and S.M. Fischer. Molecular Carcinogenesis; 9, (04/94), 4, 1-10.

- "Putative tumor suppressor gene in human chromosome 7 inhibits the malignant phenotype of a murine squamous cell carcinoma (SCC) cell line" J.C. Zenklusen, M. Oshimura, C.J. Barrett and C.J. Conti. Oncogene; 9 , (10/94), 2817-2825.

- "CA microsatellite repeat D7S522 is the most commonly deleted region in human primary breast cancer" J. C. Zenklusen, I. Bièche, R. Lidereau, and C. J. Conti. Proc. Natl. Acad. Sci. U. S. A.; 91 , (12/06/94), 12155-12158.

- "Loss of heterozygosity in human primary prostate carcinomas : a possible tumor suppressor gene at 7q31.1" J. C. Zenklusen, J. C. Thompson, P. Troncoso, J. Kagan and C. J. Conti. Cancer Res; 54, (12/20/94), 6370-6373.

- "Frequent loss of heterozygosity in human primary squamous cell and colon carcinomas at 7q31.1: evidence for a broad range tumor suppressor gene." J. C. Zenklusen, J. C. Thompson, A. J. P. Klein-Szanto and C. J. Conti. Cancer Res, 55, (03/15/95), 1347-1350.

- "Human chromosome 11 inhibits tumorigenicity of a murine squamous cell carcinoma cell line." J. C. Zenklusen, M. Oshimura, J. C. Barrett and C. J. Conti. Genes Chromosom. Cancer; 13, (05/95), 47-53.

- "Allelic loss at 7q31.1 in human primary ovarian carcinomas suggests the existence of a tumor suppressor gene." J. C. Zenklusen, J. Weitzel, H. Ball, and C. J. Conti. Oncogene, 11, (07/30/95), 359-363.

- “Cytogenetic, molecular, and functional evidence for novel tumor suppressor genes on the long arm of human chromosome 7” J. C. Zenklusen and C. J. Conti. Molecular Carcinogenesis; 15, (3/1/96), 3, 169-175.

- "Novel susceptibility locus for mouse hepatomas: evidence for a conserved tumor suppressor gene" J.C. Zenklusen, L. V. Rodriguez, M. LaCava, Z. Wang, L. S. Goldstein, and C. J. Conti. Genome Research, 6, (11/1/96), 11, 1070-1076.

- "Loss of heterozygosity on murine chromosome 6 in two-stage carcinogenesis: Evidence for a conserved tumor suppressor gene" J.C. Zenklusen, L. C. Hodges, and C. J. Conti. Oncogene, 14, (1/9/97), 1, 109-114.

- "Angiogenesis is an early event in the development of chemically induced skin tumors" M. F. Bolontrade, M. C. Stern, R. L. Binder, J. C. Zenklusen, I. B. Gimenez-Conti and C. J. Conti. Carcinogenesis, 19, (12/1/98), 12, 2107-2113.

- "Construction of a High-Resolution Physical Map of the ~1-Mb Region of Human Chromosome 7q31.1-q31.2 Harboring a Putative Tumor Suppressor Gene." J. C. Zenklusen, L. A. Weintraub, and E. D. Green. Neoplasia, 1, (4/1/99), 1, 16-22.

- "Functional tumor suppressor gene on human chromosome 7q31 inhibits tumorigenicity of prostate cancer cell line PC3" J. C. Zenklusen, L. C. Hodges, M. LaCava, E. D. Green, and C. J. Conti. Oncogene, 19, (4/1/2000), 13, 1729-1733.

- "Mutational and functional analyses reveal that *ST7* is a highly conserved tumor suppressor gene on human chromosome 7q31" J. C. Zenklusen, C. J. Conti and E. D. Green. Nature Genetics, 27, (4/4/2001), 4, 392-398.

- "High-Resolution Global Genomic Survey of 178 Gliomas Reveals Novel Regions of Copy Number Alteration and Allelic Imbalances." Y. Kotliarov, M. E. Steed, N. Christopher, J. Walling, Q. Su, A. Center, J. Heiss, M. Rosenblum, T. Mikkelsen, J. C. Zenklusen and H. A. Fine. Cancer Research, 66, (10/01/2006), 19, 9428-9436.

- "The 1p encoded protein stathmin modulates the resistance of malignant gliomas to nitrosoureas" Teri-T B. Ngo, Tien Peng, Xing-Jie Liang, Oluwaseun Akeju, Sandra Pastorino, Wei Zhang, Yuri Kotliarov, Jean C. Zenklusen, Howard A. Fine, Dragan Maric, Patrick Y. Wen, Umberto De Girolami, Peter McL. Black, Wells W. Wu, Rong-Fong Shen, Dong-Won Kang and John K. Park. Journal of the National Cancer Institute, 99, (4/18/2007), 639-652.

- "Genomic Changes and Gene Expression Profiles Reveal That Established Glioma Cell Lines Are Poorly Representative of Primary Human Gliomas" Aiguo Li, Jennifer Walling, Yuri Kotliarov, Angela Center, Mary Ellen Steed, Mark Rosenblum, Tom Mikkelsen, Howard A. Fine, and Jean Claude Zenklusen. Molecular Cancer Research (In Press)

- "Epigenetic-Mediated Dysfunction of the Bone Morphogenetic Protein Developmental Pathway Inhibits Differentiation of Human Glioblastoma Tumor Initiating Cells." Jeongwu Lee, Myung Jin Son, Kevin Woolard, Nicholas M. Donin, Aiguo Li, Chui H. Cheng, Svetlana Kotliarova, Jennifer Walling, Susie Ahn, Thomas Cusack, Hilary Ma, Qin Su, Jean Claude Zenklusen, Wei Zhang, Dragan Maric, and Howard A. Fine. Cancer Cell (In Press)

- "Inhibition of GSK3 Induces Glioma Cell Apoptosis Through Modulation of c-Myc, NF-kB Activity and Intracellular Glucose Regulation" Svetlana Kotliarova, Sandra Pastorino, Lara C. Kovell, Yuri Kotliarov, Rolanda Bailey,Wei Zhang, Hua Song, Jeongwu Lee, Dragan Maric, Jean Claude Zenklusen and Howard A. Fine (Submitted)

- "Oncogenic Function of IGFBP-7 in Glioma Tumors" W. Jiang, S. Cazacu, C. Xiang, J. C. Zenklusen, H. A. Fine, M. E. Berens, J. Rennert, C. Brodie and T. Mikkelsen. Clinical Cancer Research (Submitted).

Thesis and Dissertation:

- Master's Thesis, "Cyclophosphamide, studies about its action mechanism as a porphyrinogen.", 6/30/90, Library of School of Sciences (FCEyN) of the University of Buenos Aires (UBA), Buenos Aires, Argentina.

- Doctoral dissertation, "Subchromosomal location and characterization of a novel tumor suppressor gene on the long arm of human chromosome 7", 8/3/95, Library of the Graduate School of Biomedical Sciences of the University of Texas at Houston, Houston, Texas, USA.

Oral Presentations at Scientific Meetings:

- LXXXIV Annual Meeting of the American Association for Cancer Research; Orlando, FL; May 19th to 22nd, 1993. "Transforming growth factor-beta expression in Syrian hamster cheek pouch carcinogenesis." J.C. Zenklusen, S.L. Stockman, S.M. Fischer, C.J. Conti and I.B. Gimenez-Conti.

- LXXXV Annual Meeting of the American Association for Cancer Research; San Francisco, CA; April 10th to 13th, 1994. "Angiogenesis is an early step in two-stage mouse carcinogenesis." J.C. Zenklusen, S.M. Fischer and C.J. Conti.

- 35th Annual National Student Research Forum; Galveston, TX; April 28th to 30th, 1994. "Loss of heterozygosity in long arm of chromosome 7 in human primary breast cancer" J. C. Zenklusen, I. Bièche, R. Lidereau, and C. J. Conti.

- XVI International Cancer Congress, New Delhi, India; October 30th - November 5th, 1994. "Loss of heterozygosity in long arm of chromosome 7 in human primary breast cancer." J. C. Zenklusen, I. Bièche, R. Lidereau, and C. J. Conti.

- LXXXVI Annual Meeting of the American Association for Cancer Research; Toronto, Ontario, Canada; March 18th to 22nd, 1995. "Loss of heterozygosity in human primary ovary cancer suggests the presence of a tumor suppressor gene in the long arm of chromosome 7." J.C. Zenklusen, J. N. Weitzel, G. Ball and C.J. Conti.

- X Annual meeting of the Electric Power Research Institute; Aptos, CA; November 8th to 10th, 1995. "Use of loss of heterozygosity studies as intermediate end points in risk assessment." J. C. Zenklusen.

- Annual Scientific Retreat of the National Human Genome Research Institute; Airlie, VA; November 9-10, 1999. "Cloning and Characterization of a Broad Range Tumor Suppressor Gene on Chromosome 7q31.1-31.2" J. C. Zenklusen, L. A. Weintraub, M. LaCava, C. J. Conti and E. D. Green.

- Third Cold Spring Harbor Meeting on Cancer Genetics & Tumor Suppressor Genes, Cold Spring Harbor, NY; August 16-20, 2000. "Cloning and characterization of PITS, the broad range tumor suppressor gene on chromosome 7q31.1" J. C. Zenklusen, C. J. Conti and E. D. Green.

- Cambridge Healthtech Institute's Sixth Annual Microarray Data Analysis and Interpretation: Making Sense of it All**,** Ritz Carlton Hotel, Washington, D.C August 24-25, 2006. "SNP Arrays. Looking Beyond Familial Haplotypes" J.C. Zenklusen, Yuri Kotliarov, Mary Ellen Steed, Angela Center, and Howard Fine

- Cambridge Healthtech Institute's Seventh Annual New Applications for Microarray Data Analysis**,** Ritz Carlton Hotel, Washington, D.C August 16-17, 2007. Putting IT Together: Correlation Between Copy Number Alterations, Loss of Heterozygosity, mRNA Expression and Epigenetic Modulation in Gliomas. J.C. Zenklusen, Yuri Kotliarov, Jennifer Walling, Aiguo Li, Susie Ahn, Mary Ellen Steed, Angela Center, and Howard Fine

Invited Seminar Speaker:

- University of Nebraska, School of Medicine, Dept. of Biochemistry, Omaha, NE, October 2000.
- Ohio State University, Cancer Genetics Program, Columbus, OH, April 2001.
- Roswell Park Research Institute, Dept. of Cancer Genetics, Buffalo, NY, May 2001.
- Mayo Foundation, Dept. of Cancer Genetics, Rochester, MN, May 2001.
- Fox Chase Cancer Center, Dept. of Cancer Genetics, Fox Chase, PA, June 2001.
- Mount Sinai Hospital, Gerald Ruttemberg Cancer Center, New York, NY, October 2001.
- Yale University, School of Medicine, Dept. of Pathology, New Haven, CT, November 27th, 2001.
- National Institute of Neurodegenerative Diseases and Stroke, Bethesda, MD, June 9th, 2005.
- George Mason University, School of Computational Sciences, Manassas, VA, September 20th, 2005.
- The George Washington University, Columbian School of Arts and Sciences, Department of Chemistry, Washington, DC, September 23rd, 2005.
- Mahidol University, School of Medical Technology, Bangkok, Thailand, Jan 6-16th, 2006.
- Microarray Interest Group, National Institutes of Health, Bethesda, MD, April 5th, 2006
- Computational Molecular Biology and Bioinformatics Faculty, The George Washington University, Washington, DC, April 28th, 2006.
- The University of Texas, M. D. Anderson Cancer Center, Virginia Harris Cockrell Cancer Research Center, Smithville, TX, September 12th, 2006.

Invited Panelist:

- Second Annual caBIG meeting, Bethesda, MD, April 12-13, 2005. Panelist in the “Translational medicine breakout session”.
- NCI “Meet the Expert Sessions” at the 96th Annual Meeting of the American Association for Cancer Research; Anaheim, CA; April 16th to 20th, 2005.
- Cambridge Healthtech Institute's Sixth Annual Microarray Data Analysis and Interpretation: Making Sense of it All**,** Ritz Carlton Hotel, Washington, D.C August 24-25, 2006.
- Cambridge Healthtech Institute's Seventh Annual New Applications for Microarray Data Analysis**,** Ritz Carlton Hotel, Washington, D.C August 16-17, 2007.

Committee Participation/Session Chair:

- Member, Steering Committee, Rembrandt (Repository of Molecular Brain Neoplasia Data) Database.
- Member, Scientific Organizing Committee, Cambridge Healthtech Institute's Seventh Annual New Applications for Microarray Data Analysis, Ritz Carlton Hotel, Washington, D.C August 16-17, 2007.
- Chairperson, “ChIP on Chip” and “Data Analysis” sessions, Cambridge Healthtech Institute's Seventh Annual New Applications for Microarray Data Analysis**,** Ritz Carlton Hotel, Washington, D.C August 16, 2007
- Member, Scientific Organizing Committee, Cambridge Healthtech Institute's Eight Annual Microarray Data Analysis, 2008.

Teaching Experience:

Organized, coordinated and taught the following courses at the Department of Chemistry of The George Washington University:

- Chem 003.12 and Chem 003.M1 , *Contemporary Science for Non-Science Majors*, Fall 2001-7.
- Chem 004.12 and Chem 004.M1 , *Contemporary Science for Non-Science Majors*, Spring 2002-7.
- Chem162/Bioc102/BiSC106 , *Special Topics in Biochemistry*, Spring 2002-6.

PhD. Dissertation Co-Advisor For Ms. Nurdina Charong. at Mahidol University, Bankog, Thailand.

Awards and Honors:

- Graduate School of Biomedical Sciences of the University of Texas at Houston Travel award for the LXXXIV Annual Meeting of the American Association for Cancer Research; Orlando, FL; May 19th to 22nd, 1993.
- Graduate School of Biomedical Sciences of the University of Texas at Houston Travel award for the 35th Annual National Student Research Forum; Galveston, TX; April 28th to 30th, 1994.
- Best presentation in Oncologic Research award; 35th Annual National Student Research Forum; presented at the University of Texas -- Medical Branch Cancer Center, Galveston, TX; April 30th, 1994.
- Graduate School of Biomedical Sciences of the University of Texas at Houston Travel award for the XVI International Cancer Congress, New Delhi, India; October 30th - November 5th, 1994.
- University of Texas at Houston Student Intercouncil Travel Award for the XVI International Cancer Congress, New Delhi, India; October 30th - November 5th, 1994.
- American Association for Cancer Research travel grant to assist to the special conference: "Cancer: The Interface Between Basic and Applied Science", Baltimore, MD; November 5th - 8th, 1995.
- National Institute of Health's Fellows Award for Research Excellence (FARE) 1999. Travel award to participate in a scientific meeting during fiscal year 1999-2000.
- National Institute of Health's Fellows Award for Research Excellence (FARE) 2001. Travel award to participate in a scientific meeting during fiscal year 2000-2001.
- National Human Genome Research's Excellence in Research award for Outstanding presentation at the NHGRI Annual Retreat, Airlie, VA; November 14th, 2000
- Research project listed as one of "2001 Selected Outstanding Scientific Achievements of the National Institute of Health".

- Service to America Medal, Science and Environment Category, September 28th, 2005.
- Congressional Commendation by Representative Chris van Hollen (Maryland, 8th District) on the work done by the Rembrandt Team. Washington, DC July 20th, 2005
- 2006 Bender Award for Excellence in Teaching, George Washington University, May 2006.

Scholarships:

- Five-Year Scholarship given by Public Instruction and Justice Department of the Canton and State of Wallis (Switzerland); 1984-1990.
- Rosalie B. Hite Alternate Fellow, 07/94 -- 07/95.
- Intramural Research Award, National Institutes of Health, 12/1/96 –- 12/1/2001.

Elected Functions:

- GSBS Student representative at University of Texas, M. D. Anderson Cancer Center, Science Park-Research Division for the period 1993-1994.
- Member of the Quality of Work Life Committee at the National Institutes of Health, National Human Genome Research Institute, 1997 to 1999.
- Member of the Introduction to Cancer Research Careers (ICRC) selection Committee, 2006/07

Other:

- Grant Reviewer for the National Agency of Scientific and Technological Promotion, Science and Technology Secretariat, Ministry of Education and Culture of the Argentine Republic.

- Grant Reviewer for the Natural Sciences and Engineering Research Council of Canada (NSERC).

- Grant Reviewer for the Multiple Myeloma Research Foundation.

Ad Hoc reviewer

- *Cancer Research*
- *Environmental & Molecular Mutation*;
- *Genes, Chromosomes & Cancer*
- *Genome Research*
- *International Journal of Cancer*
- *Molecular Carcinogenesis*
- *Oncogene*

- Oral and Written proficiency in English, French, Spanish, German, and Italian.