



## Curriculum Vitae

### Personal information **Bernd Gansbacher**

#### Work experience

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1. Employer: Technical University of Munich
  - Start date: 011996
  - End date: 092013
  - Position: Director emeritus and Professor
  - Activities: Ordinarius and Director emeritus, Institut für Experimentelle Onkologie u. Therapieforchung , Klinikum rechts der Isar, Technical University of Munich, Germany February 1, 1996\_2013
  - Country: Germany
2. Employer: Memorial Sloan Kettering Cancer Center
  - Start date: 061988
  - End date: 011996
  - Position: Associate Professor
  - Activities: 1. Clinical Assistant, Memorial Sloan Kettering Cancer Center 1988 \_ 1991. Clinical Assistant Physician, Leukemia Service, Memorial Hospital for Cancer and Allied Diseases 1988 \_ 1991. Instructor, Department of Medicine, Cornell University Medical College 1988 \_ 1991. 2. Assistant Member, Memorial Sloan Kettering Cancer Center 1992 \_ 1994. Assistant Attending Physician, Leukemia Service, Memorial Sloan\_Kettering Cancer Center 1992 \_ 1994. Assistant Professor, Department of Medicine, Cornell University Medical College 1992 \_ 1994. 3. Associate Member, Memorial Sloan Kettering Cancer Center, 1994 \_ 1996. Associate Attending Physician, Leukemia and Autologous Bone Marrow Transplant Service, Memorial Sloan\_Kettering Cancer Center 1994 \_ 1996. Associate Professor, Department of Medicine, Cornell University Medical College 1994 - 1996
  - Country: United States

#### Education and training

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1. Subject: University of Pennsylvania and Memorial Sloan Kettering Cancer Center
  - Start date: 061980
  - End date: 061988
  - Qualification: specialty training in Internal Medicine, Allery/Immunology and Oncology
  - Organisation: 1. Internship, Department of Medicine, Presbyterian University of Pennsylvania Medical Center, Philadelphia July 1980 \_ June 1981. 2. Residency, Department of Medicine, Presbyterian University of Pennsylvania Medical Center, Philadelphia July 1981 \_ June 1983. 3. Fellowship Allergy / Immunology, Hospital of The University of Pennsylvania, Philadelphia July 1983 \_ June 1985. 4. Research Associate, Wistar Institute of Anatomy, Laboratory of Dr. Carlo Croce, Philadelphia July 1985 \_ June 1986. 5. Oncology Fellowship, Memorial Sloan Kettering Cancer Center New York July 1986 \_ June 1988.
  - Country: United States

#### Additional information

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##### Publications

1. Optimizing adenoviral transduction of endothelial cells under flow conditions. Anton M, Wolf A, Mykhaylyk O, Koch C, Gansbacher B, Plank C. Pharm Res. 2012 May;29(5):1219\_31. 2. YB\_1 dependent virotherapy in combination with temozolomide as a multimodal therapy approach to eradicate malignant glioma. Holzmüller R, Mantwill K, Haczek C, Rognoni E, Anton M, Kasajima A, Weichert W, Treue D, Lage H, Schuster T, Schlegel J, Gänsbacher B, Holm PS. Int J Cancer. 2011 Sep 1;129(5):1265\_76. 3. Prostate cancer gene therapy: attempts to innovate. Kochanek S, Gansbacher B. Hum Gene Ther. 2010 Jul;21(7):791. 4. Tetracycline\_regulated bone morphogenetic protein 2 gene expression in lentivirally transduced primary rabbit chondrocytes for treatment of cartilage defects. Wübbenhorst D, Dumler K, Wagner B, Wexel G, Imhoff A, Gansbacher B, Vogt S, Anton M. Arthritis Rheum. 2010 Jul;62(7):2037\_46. 5. Tissue inhibitor of metalloproteinases\_1 induced scattered liver metastasis is mediated by host\_derived urokinase\_type plasminogen activator. Schrötzlmair F, Kopitz C, Halbgewachs B, Lu F, Algül H, Brünner N, Gänsbacher B, Krüger A. J Cell Mol Med. 2010 Dec;14(12):2760\_70. 6. Tissue engineering of the anterior cruciate ligament\_sodium dodecyl sulfate cellularized and revitalized tendons are inferior to native tendons. Tischer T, Aryee S, Drexel G, Steinhauser E, Adamczyk C, Eichhorn S, Milz S, Martinek V, Gänsbacher B, Imhoff AB, Vogt S. Tissue Eng Part A. 2010 Mar;16(3):1031\_40. 7. Schrötzlmair F, Kopitz C, Halbgewachs B, Lu F, Algül H, Brünner N, Gänsbacher B, Krüger A. Tissue inhibitor of metalloproteinases\_1 induced scattered liver metastasis is mediated by host\_derived urokinase\_type plasminogen activator. J Cell Mol Med. 2009 Oct 23. 8. Bonini C, Gansbacher B. Cancer gene therapy: present and future. Cancer gene therapy: present and future. Hum Gene Ther. 2009 Oct;20(10):1100. 9. Tischer T, Aryee S, Wexel G, Steinhauser E, Adamczyk C, Eichhorn S, Milz S, Martinek V, Gansbacher B, Imhoff AB, Vogt S. Tissue Engineering of the ACL \_ SDS Chemically Acellularized and Revitalized Tendons are Inferior to Native Tendons. Tissue Eng Part A. 2009 Oct 21. [Epub ahead of print] 10. Rognoni E, Widmaier M, Haczek C, Mantwill K, Holzmüller R, Gansbacher B, Kolk A, Schuster T, Schmid RM, Saur D, Kaszubiak A, Lage H, Holm PS. Adenovirus\_based virotherapy enabled by cellular YB\_1 expression in vitro and in vivo. C ancer Gene Ther. 2009 Oct;16(10):753\_63. Epub 2009 Apr 10. 11. Brill TH, Kübler HR, Pohla H, Buchner A, Fend F, Schuster T, von Randenborgh H, Paul R, Kummer T, Plank C, Eisele B, Breul J, Hartung R, Schendel DJ, Gansbacher B. Therapeutic vaccination with an interleukin\_2\_interferon\_gamma\_secreting allogeneic tumor vaccine in patients with progressive castration\_resistant prostate cancer: a phase I/II trial. Hum Gene Ther. 2009 Dec;20(12):1641\_51 12. Higuchi T, Anton M, Dumler K, Seidl S, Pelisek J, Saraste A, Welling A, Hofmann F, Oostendorp RAJ, Gansbacher B, Nekolla SG, Bengel FM, Botnar RM, Schwaiger M. Combined Reporter Gene PET and Iron Oxide MR Imaging for Monitoring Survival and Localization of Transplanted Cells in the Rat Heart. J. Nucl. Med. 2009 Jul;50(7): 1099\_94. Epub 2009 June 12 13. Salzmann GM, Nuernberger B, Schmitz P, Anton M, Stoddart MJ,

Grad S, Milz S, Tischer T, Vogt S, Gansbacher B, Imhoff AB, Alini M. Physicobiochemical Synergism Through Gene Therapy and Functional Tissue Engineering for In Vitro Chondrogenesis. *Tissue Eng Part A*. 2009 Mar 12. [Epub ahead of print] 14. Vogt S, Wexel G, Tischer T, Schillinger U, Ueblacker P, Wagner B, Hensler D, Wilisch J, Geis C, Wübbenhorst D, Aigner J, Gerg M, Krüger A, Salzmann GM, Martinek V, Anton M, Plank C, Imhoff AB, Gansbacher B. The influence of the stable expression of BMP2 in fibrin clots on the remodelling and repair of osteochondral defects. *Biomaterials*. 2009 Apr;30(12):2385-92. Epub 2009 Jan 31. 15. Holzbach T, Vlaskou D, Neshkova I, Konerding MA, Wörtler K, Mykhaylyk O, Gansbacher B, Machens HG, Plank C, Giunta RE Non\_viral VEGF gene therapy \_\_ Magnetofection of acoustically active magnetic lipospheres ("Magnetobubbles") increases tissue\_survival in an oversized skin flap model. *J Cell Mol Med*. 2008 Nov 14. [Epub ahead of print] 16. Holzbach T, Neshkova I, Vlaskou D, Konerding MA, Gansbacher B, Biemer E, Giunta RE. Searching for the right timing of surgical delay: angiogenesis, vascular endothelial growth factor and perfusion changes in a skin\_flap model. *J Plast Reconstr Aesthet Surg*. 2008 Sep 22. 17. Kopitz C, Gerg M, Gansbacher B, Krüger A. Plasminogen activator inhibitor\_2, but not cystatin C, inhibits the prometastatic activity of tissue inhibitor of metalloproteinases\_1 in the liver. *Hum Gene Ther*. 2008 Oct;19(10):1039-49. 18. May F, Matiasek K, Vroemen M, Caspers C, Mrva T, Arndt C, Schlenker B, Gais P, Brill T, Buchner A, Blesch A, Hartung R, Stief C, Gansbacher B, Weidner N. GDNF\_transduced Schwann cell grafts enhance regeneration of erectile nerves. *Eur Urol*. 2008 Nov;54(5):1179-87. Epub 2008 Feb 15. 19. Vogt S, Ueblacker P, Geis C, Wagner B, Wexel G, Tischer T, Krüger A, Plank C, Anton M, Martinek V, Imhoff AB, Gansbacher B Efficient and stable gene transfer of growth factors into chondrogenic cells and primary articular chondrocytes using a VSV.G pseudotyped retroviral vector. *Biomaterials*. 2008 Mar;29(9):1242-9. 20. Bieler A, Mantwill K, Holzmueller R, Jurchott K, Kaszubiak A, Stark S, Glockzin G, Lage H, Grosu AL, Gansbacher B, Holm PS. Impact of radiation therapy on the oncolytic adenovirus dl520: Implications on the treatment of glioblastoma. *Radiother Oncol*. 2008 Mar;86(3):419-27. Epub 2007 Oct 29. 21. Wilson JM, Gansbacher B, Berns KI, Bosch F, Kay MA, Naldini L, Wei YQ. Good news on the clinical gene transfer front. *Editorial Human Gene Therapy* 2008; 19:429-430. 22. Ueblacker P, Wagner B, Vogt S, Salzmann G, Wexel G, Kruger A, Plank C, Brill T, Specht K, Hennig R, Schillinger U, Imhoff AB, Martinek V, Gansbacher B. In vivo analysis of retroviral gene transfer to chondrocytes within collagen scaffolds for the treatment of osteochondral defects. *Biomaterials*. 2007;28(30):4480-7. 23. Brill TH, Kubler HR, von Randenborgh H, Fend F, Pohla H, Breul J, Hartung R, Paul R, Schendel DJ, Gansbacher B. Allogeneic retrovirally transduced, IL\_2\_ and IFN\_gamma\_secreting cancer cell vaccine in patients with hormone refractory prostate cancer \_\_ a phase I clinical trial. *J Gene Med*. 2007 Jul;9(7):547-60. 24. Martinek V, Ueblacker P, Braun K, Nitschke S, Mannhardt R, Specht K, Gansbacher B, Imhoff AB. Second generation of meniscus transplantation: in\_vivo study with tissue engineered meniscus replacement. *Archives of orthopaedic and trauma surgery*. 2006;126(4):228-34. 25. Mantwill K, Kohler\_Vargas N, Bernshausen A, Bieler A, Lage H, Kaszubiak A, Surowiak P, Dravits T, Treiber U, Hartung R, Gansbacher B, Holm PS. Inhibition of the multidrug\_resistant phenotype by targeting YB\_1 with a conditionally oncolytic adenovirus: implications for combinatorial treatment regimen with chemotherapeutic agents. *Cancer research*. 2006;66(14):7195-202. 26. Glockzin G, Mantwill K, Jurchott K, Bernshausen A, Ladhoff A, Royer HD, Gansbacher B, Holm PS. Characterization of the recombinant adenovirus vector AdYB\_1: implications for oncolytic vector development. *Journal of virology*. 2006;80(8):3904-11. 27. Bieler A, Mantwill K, Dravits T, Bernshausen A, Glockzin G, Kohler\_Vargas N, Lage H, Gansbacher B, Holm PS. Novel three-pronged strategy to enhance cancer cell killing in glioblastoma cell lines: histone deacetylase inhibitor, chemotherapy, and oncolytic adenovirus dl520. *Human gene therapy*. 2006;17(1):55-70. 28. Miyagawa M, Beyer M, Wagner B, Anton M, Spitzweg C, Gansbacher B, Schwaiger M, Bengel FM. 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Reduction of experimental human fibrosarcoma lung metastasis in mice by adenovirus\_mediated cystatin C overexpression in the host. *Cancer research*. 2005;65(19):8608-12. 33. Holzbach T, Taskov C, Neshkova I, Holm PS, Konerding MA, Schams D, Gansbacher B, Biemer E, Giunta RE. [Angiogenesis VEGF165 gene therapy with AdVEGF\_ a new delay procedure for flaps]. *Handchir Mikrochir Plast Chir*. 2005;37(6):365-74. 34. Holzbach T, Taskov C, Henke J, Busch R, Gansbacher B, Biemer E, Giunta RE. [Evaluation of perfusion in skin flaps by laser\_induced indocyanine green fluorescence]. *Handchir Mikrochir Plast Chir*. 2005;37(6):396-402. 35. Giunta RE, Holzbach T, Taskov C, Holm PS, Konerding MA, Schams D, Biemer E, Gansbacher B. AdVEGF165 gene transfer increases survival in overdimensioned skin flaps. *The journal of gene medicine*. 2005;7(3):297-306. 36. Giunta RE, Holzbach T, Taskov C, Holm PS, Brill T, Busch R, Gansbacher B, Biemer E. 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Miyagawa M, Anton M, Haubner R, Simoes MV, Stadele C, Erhardt W, Reder S, Lehner T, Wagner B, Noll S, Noll B, Grote M, Gambhir SS, Gansbacher B, Schwaiger M, Bengel FM. PET of cardiac transgene expression: comparison of 2 approaches based on herpesviral thymidine kinase reporter gene. *J Nucl Med*. 2004;45(11):1917-23. 41. May F, Weidner N, Matiasek K, Vroemen M, Mrva T, Caspers C, Henke J, Brill T, Lehmer A, Blesch A, Erhardt W, Gansbacher B, Hartung R. [Tissue engineering of erectile nerves]. *Der Urologe Ausg*. 2004;43(10):1242-8. 42. May F, Weidner N, Matiasek K, Caspers C, Mrva T, Vroemen M, Henke J, Lehmer A, Schwaibold H, Erhardt W, Gansbacher B, Hartung R. Schwann cell seeded guidance tubes restore erectile function after ablation of cavernous nerves in rats. *The Journal of urology*. 2004;172(1):374-7. 43. Holm PS, Lage H, Bergmann S, Jurchott K, Glockzin G, Bernshausen A, Mantwill K, Ladhoff A, Wichert A, Mymryk JS, Ritter T, Dietel M, Gansbacher B, Royer HD. Multidrug\_resistant cancer cells facilitate E1\_independent adenoviral replication: impact for cancer gene therapy. *Cancer research*. 2004;64(1):322-8. 44. Elezkurtaj S, Kopitz C, Baker AH, Perez\_Canto A, Arlt MJ, Khokha R, Gansbacher B, Anton M, Brand K, Kruger A. Adenovirus\_mediated overexpression of tissue inhibitor of metalloproteinases\_1 in the liver: efficient protection against T\_cell lymphoma and colon carcinoma metastasis. *The journal of gene medicine*. 2004;6(11):1228-37. 45. Anton M, Wittermann C, Haubner R, Simoes M, Reder S, Essien B, Wagner B, Henke J, Erhardt W, Noll S, Hackett NR, Crystal RG, Schwaiger M, Gansbacher B, Bengel FM. Coexpression of herpesviral thymidine kinase reporter gene and VEGF gene for noninvasive monitoring of therapeutic gene transfer: an in vitro evaluation. *J Nucl Med*. 2004;45(10):1743-6. 46. Anton M, Wagner B, Haubner R, Bodenstein C, Essien BE, Bonisch H, Schwaiger M, Gansbacher B, Weber WA. 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Banke IJ, Arlt MJ, Pennington C, Kopitz C, Steinmetzer T, Schweinitz A, Gansbacher B, Quigley JP, Edwards DR, Sturzebecher J, Kruger A. Increase of anti\_metastatic efficacy by selectivity\_ but not affinity\_optimization of synthetic serine protease inhibitors. *Biological chemistry*. 2003;384(10\_11):1515-25. 51. Scherer F, Anton M, Schillinger U, Henke J, Bergemann C, Kruger A, Gansbacher B, Plank C. Magnetofection: enhancing and targeting gene delivery by magnetic force in vitro and in vivo. *Gene therapy*. 2002;9(2):102-9. 52. Holm PS, Bergmann S, Jurchott K, Lage H, Brand K, Ladhoff A, Mantwill K, Curiel DT, Dobbstein M, Dietel M, Gansbacher B, Royer HD. YB\_1 relocates to the nucleus in adenovirus\_infected cells and facilitates viral replication by inducing E2 gene expression through the E2 late promoter. *The Journal of biological chemistry*. 2002;277(12):10427-34. 53. Gansbacher B. Policy statement on the social, ethical and public awareness

issues in gene therapy. The journal of gene medicine. 2002;4(6):687\_91. 54. Cohen\_Haguenauer O, Rosenthal F, Gansbacher B, Bolhuis R, Dorsch\_Hasler K, Eshhar Z, Gahrton G, Hokland P, Melani C, Rankin E, Thielemans K, Vile R, Zwierzina H, Cichutek K. Opinion paper on the current status of the regulation of gene therapy in Europe. Human gene therapy. 2002;13(17):2085\_110. 55. Haubner R, Anton M, Gertz S, Kruger A, Gansbacher B, Schwaiger M, Avril N. Quantification of transgene expression using herpes virus thymidine kinase and radiiodinated fiau. Journal of Labelled Compounds and Radiopharmaceuticals 44, 333\_335, 2001 56. Arlt M, Kopitz C, Pennington C, Watson KL, Krell HW, Bode W, Gansbacher B, Khokha R, Edwards DR, Kruger A. Increase in gelatinase\_specificity of matrix metalloproteinase inhibitors correlates with antimetastatic efficacy in a T\_cell lymphoma model. Cancer research. 2002;62(19):5543\_50. 57. Kruger A, Soeltl R, Sopov I, Kopitz C, Arlt M, Magdolen V, Harbeck N, Gansbacher B, Schmitt M. Hydroxamate\_type matrix metalloproteinase inhibitor batimastat promotes liver metastasis. Cancer research. 2001;61(4):1272\_5. 58. Brill T, Barba M, Breul J, Gansbacher B. [Gene therapy of prostate carcinoma]. Der Internist. 2001;42(10):1328\_36, 39\_40, 42\_5. 59. Schendel DJ, Falk CS, Nossner E, Maget B, Kressenstein S, Urlinger S, Tampe R, Gansbacher B. Gene transfer of human interferon gamma complementary DNA into a renal cell carcinoma line enhances MHC\_restricted cytotoxic T lymphocyte recognition but suppresses non\_MHC\_restricted effector cell activity. Gene therapy. 2000;7(11):950\_9. 60. Rosenberg SA, Blaese RM, Brenner MK, Deisseroth AB, Ledley FD, Lotze MT, Wilson JM, Nabel GJ, Cornetta K, Economou JS, Freeman SM, Riddell SR, Brenner M, Oldfield E, Gansbacher B, Dunbar C, Walker RE, Schuening FG, Roth JA, Crystal RG, Welsh MJ, Culver K, Heslop HE, Simons J, Wilmott RW, Boucher RC, Siegler HF, Barranger JA, Karlsson S, Kohn D, Galpin JE, Raffel C, Hedorffer C, Ilan J, Cassileth P, O'Shaughnessy J, Kun LE, Das TK, Wong\_Staal F, Sobol RE, Haubrich R, Zsno L, Rubin J, Sorcher EJ, Rosenblatt J, Walker R, Brigham K, Vogelzang N, Hersh E, Eck SL. Human gene marker/therapy clinical protocols. Human gene therapy. 2000;11(6):919\_79. 61. Kruger A, Soeltl R, Lutz V, Wilhelm OG, Magdolen V, Rojo EE, Hantzopoulos PA, Graeff H, Gansbacher B, Schmitt M. Reduction of breast carcinoma tumor growth and lung colonization by overexpression of the soluble urokinase\_type plasminogen activator receptor (CD87). Cancer gene therapy. 2000;7(2):292\_9. 62. Haubner R, Avril N, Hantzopoulos PA, Gansbacher B, Schwaiger M. In vivo imaging of herpes simplex virus type 1 thymidine kinase gene expression: early kinetics of radiolabelled FIAU. European journal of nuclear medicine. 2000;27(3):283\_91. 63. Bengel FM, Anton M, Avril N, Brill T, Nguyen N, Haubner R, Gleiter E, Gansbacher B, Schwaiger M. Uptake of radiolabeled 2'\_fluoro\_2'\_deoxy\_5\_iodo\_1\_beta\_D\_arabinofuranosyluracil in cardiac cells after adenoviral transfer of the herpesvirus thymidine kinase gene: the cellular basis for cardiac gene imaging. Circulation. 2000;102(9):948\_50. 64. Schmitt M, Wilhelm OG, Reuning U, Kruger A, Harbeck N, Lengyel E, Graeff H, Gansbacher B, Kessler H, Bürgle M, Stürzebecher J, Sperl S, Magdolen V. The urokinase plasminogen activator system as a novel target for tumour therapy Fibrinolysis & Proteolysis 14: 114\_132, 2000 65. Rosenberg SA, Blaese RM, Brenner MK, Deisseroth AB, Ledley FD, Lotze MT, Wilson JM, Nabel GJ, Cornetta K, Economou JS, Freeman SM, Riddell SR, Oldfield E, Gansbacher B, Dunbar C, Walker RE, Schuening FG, Roth JA, Crystal RG, Welsh MJ, Culver K, Heslop HE, Simons J, Wilmott RW, Habib NA, et al. Human gene marker/therapy clinical protocols. Human gene therapy. 1999;10(18):3067\_123. 66. Scott\_Taylor TH, Gansbacher B, Sadelain M. Efficient retroviral infection of human cells utilising an adenoviral vector expressing the ecotropic receptor. Advances in experimental medicine and biology. 1998;451:423\_30. 67. Scott\_Taylor TH, Gallardo HF, Gansbacher B, Sadelain M. Adenovirus facilitated infection of human cells with ecotropic retrovirus. Gene therapy. 1998;5(5):621\_9. 68. Roskrow MA, Gansbacher B. Recent developments in gene therapy for oncology and hematology. Critical reviews in oncology/hematology. 1998;28(3):139\_51. 69. Daliani D, Ulmer RA, Jackow C, Pugh W, Gansbacher B, Cabanillas F, Duvic M, Sarris AH. Tumor necrosis factor\_alpha and interferon\_gamma, but not HTLV\_I tax, are likely factors in the epidermotropism of cutaneous T\_cell lymphoma via induction of interferon\_inducible protein\_10. Leukemia & Lymphoma. 1998;29(3\_4):315\_28. 70. Rosenberg SA, Blaese RM, Brenner MK, Deisseroth AB, Ledley FD, Lotze MT, Wilson JM, Nabel GJ, Cornetta K, Economou JS, Freeman SM, Riddell SR, Oldfield E, Gansbacher B, Dunbar C, Walker RE, Schuening FG, Roth JA, Crystal RG, Welsh MJ, Culver K, Heslop HE, Simons J, Wilmott RW, Boucher RC, et al. Human gene marker/therapy clinical protocols. Human gene therapy. 1997;8(18):2301\_38. 71. Zier KS, Gansbacher B. IL\_2 gene therapy of solid tumors: an approach for the prevention of signal transduction defects in T cells. Journal of molecular medicine (Berlin, Germany). 1996;74(3):127\_34. 72. Zier KS, Gansbacher B. 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The Mount Sinai Journal of Medicine 61: 301\_309,1994 77. Rosenberg SA, Blaese RM, Brenner MK, Deisseroth AB, Ledley FD, Lotze MT, Wilson JM, Nabel GJ, Cornetta K, Economou JS, Freeman SM, Riddell SR, Oldfield E, Gansbacher B, Dunbar C, Walker RE, Schuening FG, Roth JA, Crystal RG, Welsh MJ, Culver K, Heslop HE, Simons J, Wilmott RW, Aebischer P, et al. Human gene marker/therapy clinical protocols. Hum Gene Ther. 1996 Aug 20;7(13):1621\_47. 78. Hantzopoulos PA, Gansbacher B. [Gene therapy current status and outlook]. Der Chirurg; Zeitschrift für alle Gebiete der operativen Medizin. 1996;67(10):980\_3. 79. Zier KS, Gansbacher B. The impact of gene therapy on T cell function in cancer. Human gene therapy. 1995;6(10):1259\_64. 80. Tjuvajev JG, Stockhammer G, Desai R, Uehara H, Watanabe K, Gansbacher B, Blasberg RG. Imaging the expression of transfected genes in vivo. Cancer research. 1995;55(24):6126\_32. 81. 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## Projects

## Memberships

ESGCT HONORS AND AWARDS: 1. Travel Award to 41st Annual Meeting, American Academy of Allergy and Immunology, March 1985, New York, N.Y. 2. Young Investigator Award, American Academy of Allergy and Immunology, March 1985, New York, N.Y. 3. American Cancer Society Clinical Fellow, July 1987\_ June 1988. 4. Visiting Professor, Targeted Genetics Institute, Seattle. 5. Visiting Professor, University of Illinois, Chicago 6. Cancer Research Institute F.M. Kirby Clinical Research Award for Cancer Immunology recipient 1993\_1996 7. Degussa Foundation Prize, University of Frankfurt, November 1993. 8. Member European Task Force for Gene Therapy, 1993\_1996. 9. Chairman, European Task Force for Gene Therapy, 1995\_1996. 10. Chairman of international review panel committee for German Government Agency for Research and Technology (BMFT) on: Application of Gene transfer technologies to human diseases. 1994\_1995 11. CaP CURE Research Award 1994 12. Member and Speaker of ASCO Educational Session of Gene Therapy 1995 13. Organizer (together with Prof. Hofschneider, MPI, Martinsried) of GAAC meeting on Gene Therapy, Kloster Seeon, Munich, Germany, October 1\_3, 1995. 14. Visiting Professor, Kyushu University, Beppu Japan, January 1998 15. Board Member of European Working Group For Gene Therapy (EWGT) 1995\_2004 16. Vice\_President, European Working Group For Gene Therapy (EWGT), 1996\_1999 17. President European Society of Gene Therapy (ESGT) 2000\_2004 18. Member Kommission "Somatische Gentherapie" Bundesärztekammer 1999\_19. Member Zentrale Kommission für Biologische Sicherheit (ZKBS) 1999\_20. Member Executive Committee of Eurenethy 1998\_21. Member expert panel EMEA 2002\_2005 22. Chair of International Committee ASGT 2004\_2006 23. Member Zentrale Ethikkommission der Bundesärztekammer 2004\_24. Member Executive Committee of Clinigene

## Other Relevant Information