

E. Antonio Chiocca

Brigham and Women's Hospital

75 Francis Street, Boston MA 02115 | 617-732-5500

Nacido en Padua, Italia, Chiocca obtuvo su título de médico y doctorado en la Universidad de Texas en El Paso,

Nacido en Padua, Italia, Chiocca mudó a los Estados Unidos cuando su padre, quien sirvió en el ejército italiano, recibió una asignación de la OTAN en Fort Bliss, cerca de El Paso, Texas.

Se ha centrado en el tratamiento de una forma particularmente mortal de cáncer cerebral - gliomas.

La investigación de Chiocca se centra en comprender mejor cómo se desarrollan los tumores cerebrales y mejorar los tratamientos.

Publicaciones como primer autor

1: Chiocca EA, Aguilar LK, Bell SD, Kaur B, Hardcastle J, Cavaliere R, McGregor J, Lo S, Ray-Chaudhuri A, Chakravarti A, Grecula J, Newton H, Harris KS, Grossman RG, Trask TW, Baskin DS, Monterroso C, Manzanera AG, Aguilar-Cordova E, New PZ. Phase IB study of gene-mediated cytotoxic immunotherapy adjuvant to up-front surgery and intensive timing radiation for malignant glioma. *J Clin Oncol*. 2011 Sep 20;29(27):3611-9. doi: 10.1200/JCO.2011.35.5222. Epub 2011 Aug 15. PubMed PMID: 21844505; PubMed Central PMCID: PMC3179270.

2: Chiocca EA, Lawler SE. The many functions of microRNAs in glioblastoma. *World Neurosurg*. 2010 Jun;73(6):598-601. doi: 10.1016/j.wneu.2010.06.047. PubMed PMID: 20934132.

3: Chiocca EA. Monoclonal antibodies. *J Neurosurg*. 2010 Aug;113(2):190; discussion 190-1. doi: 10.3171/2010.1.JNS091894. PubMed PMID: 20345220.

4: Chiocca EA. Neurosurgical "pearls" and neurosurgical evidence. *J Neurosurg*. 2010 Aug;113(2):179; discussion 179-80. doi: 10.3171/2009.10.JNS091418. PubMed PMID: 20035573.

5: Chiocca EA. Being old is no fun: treatment of glioblastoma multiforme in the elderly. *J Neurosurg*. 2008 Apr;108(4):639-40. doi: 10.3171/JNS/2008/108/4/0639. PubMed PMID: 18377239.

6: Chiocca EA. The host response to cancer virotherapy. *Curr Opin Mol Ther*. 2008 Feb;10(1):38-45. Review. PubMed PMID: 18228180.

7: Chiocca EA, Smith KM, McKinney B, Palmer CA, Rosenfeld S, Lillehei K, Hamilton A, DeMasters BK, Judy K, Kirn D. A phase I trial of Ad.hIFN-beta gene therapy for glioma. *Mol Ther*. 2008 Mar;16(3):618-26. doi: 10.1038/sj.mt.6300396. Epub 2008 Jan 8. PubMed PMID: 18180770.

8: Chiocca EA, Schwartzbaum JA. Gliomas and venous thromboembolism: how common? *J Neurosurg*. 2007 Apr;106(4):599-600; discussion 600. PubMed PMID: 17432709.

9: Chiocca EA, Broaddus WC, Gillies GT, Visted T, Lamfers ML. Neurosurgical delivery of chemotherapeutics, targeted toxins, genetic and viral therapies in neuro-oncology. *J Neurooncol*. 2004 Aug-Sep;69(1-3):101-17. Review. PubMed PMID: 15527083.

10: Chiocca EA, Abbed KM, Tatter S, Louis DN, Hochberg FH, Barker F, Kracher J, Grossman SA, Fisher JD, Carson K, Rosenblum M, Mikkelsen T, Olson J, Markert J, Rosenfeld S, Nabors LB, Brem S,

- Phuphanich S, Freeman S, Kaplan R, Zwiebel J. A phase I open-label, dose-escalation, multi-institutional trial of injection with an E1B-Attenuated adenovirus, ONYX-015, into the peritumoral region of recurrent malignant gliomas, in the adjuvant setting. *Mol Ther*. 2004 Nov;10(5):958-66. PubMed PMID: 15509513.
- 11: Chiocca EA, Waxman DJ. Cytochrome p450-based gene therapies for cancer. *Methods Mol Med*. 2004;90:203-22. Review. PubMed PMID: 14657565.
- 12: Chiocca EA, Aghi M, Fulci G. Viral therapy for glioblastoma. *Cancer J*. 2003 May-Jun;9(3):167-79. Review. PubMed PMID: 12952302.
- 13: Chiocca EA. Gene therapy: a primer for neurosurgeons. *Neurosurgery*. 2003 Aug;53(2):364-73; discussion 373. Review. PubMed PMID: 12925253.
- 14: Chiocca EA. Oncolytic viruses. *Nat Rev Cancer*. 2002 Dec;2(12):938-50. Review. PubMed PMID: 12459732.
- 15: Chiocca EA. Guided genes for tumor warfare. *Nat Biotechnol*. 2002 Mar;20(3):235-6. PubMed PMID: 11875420.
- 16: Chiocca EA. Brain tumor gene therapy in mice with a novel "suicide" gene: the cyclophosphamide-activating CYP2B1 gene. *Clin Neurosurg*. 1995;42:370-82. Review. PubMed PMID: 8846604.
- 17: Chiocca EA, Boviatsis EJ, Westmark RM, Short MP, Richardson EP, Zervas NT. Deep sylvian fissure meningioma without dural attachment in an adult: case report. *Neurosurgery*. 1994 Nov;35(5):944-6; discussion 946. Review. PubMed PMID: 7838346.
- 18: Chiocca EA, Choi BB, Cai WZ, DeLuca NA, Schaffer PA, DiFiglia M, Breakefield XO, Martuza RL. Transfer and expression of the lacZ gene in rat brain neurons mediated by herpes simplex virus mutants. *New Biol*. 1990 Aug;2(8):739-46. PubMed PMID: 2178004.
- 19: Chiocca EA, Davies PJ, Stein JP. Regulation of tissue transglutaminase gene expression as a molecular model for retinoid effects on proliferation and differentiation. *J Cell Biochem*. 1989 Mar;39(3):293-304. PubMed PMID: 2565341.
- 20: Chiocca EA, Davies PJ, Stein JP. The molecular basis of retinoic acid action. Transcriptional regulation of tissue transglutaminase gene expression in macrophages. *J Biol Chem*. 1988 Aug 15;263(23):11584-9. PubMed PMID: 2900242.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

https://neurosurgerywiki.com/wiki/doku.php?id=e._antonio_chiocca

Last update: **2025/03/10 14:50**

