

# CURRICULUM VITAE

**SURNAME:** Katsaros  
**FIRST NAME:** Vasileios  
**DATE OF BIRTH:** March 17<sup>th</sup>, 1966  
**PLACE OF BIRTH:** Athens  
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## PREGRADUATE EDUCATION

1971-1974: Primary school in Athens  
1974-1977: Primary school in Zürich (Note: Excellent)  
1977-1979: Gymnasium in Zürich  
1979-1980: Gymnasium in Athens (Note: Excellent)  
1980-1983: Lyceum in Athens (Note: Excellent)  
1983-1989: Medical School of the Athens University (Note: Very Good)

## LANGUAGES

- 1. English:** Cambridge First Certificate
- 2. German:** Kleines Deutsches Sprachdiplom (Göthe Institute)

## FELLOWSHIPS

- 1. August 15<sup>th</sup>-September 15<sup>th</sup>, 1987:** Surgery Clinic, University of Tübingen
- 2. July 15<sup>th</sup> -August 15<sup>th</sup>, 1989:** Radiology Clinic, University of Frankfurt a. M.

## GRANTS

**September 1994 – August 1995:** Grant “Fotis”, University of Athens

## **MEMBERSHIPS**

1. Athens Medical Society-1989
2. Hellenic Radiological Society-1990
3. Hellenic Society of Angio-, Neuroradiology and Interventional Radiology-1990
4. Hellenic College of Radiology - 1990
5. German Roentgen Society (DRG) -1994
6. European Society of Radiology (ESR) - 1995
7. Radiological Society of North America (RSNA) - 1997
8. Cardiovascular and Interventional Radiological Society of Europe (CIRSE) - 1997
9. European Society of Neuroradiology (ESNR) -1997
10. American Society of Functional Neuroradiology (ASFNR) - 2013
11. International Society of RadioSurgery (ISRS) - 2020
12. Society for Brain Mapping and Neurotherapeutics - 2020

## **POSTGRADUATE EDUCATION AND CLINICAL EXPERIENCE**

- January 1990-January 1991:*** Internal Medicine in Military Service
- January 1991-December 1991:*** General Radiology, Radiology Clinic  
251 General Air - Force Hospital, Athens  
(Director: Prof. N. Gourtsoyiannis, MD)
- December 1991-May 1992:*** CT and MRI, Diagnostic and Research Institute  
„ENCEPHALOS“, Athens  
(Director: Z. Kapsalakis, MD)
- May 1992-December 1992:*** Pediatric Radiology, Radiology Department  
Children Hospital „AGHIA SOPHIA“, Athens University  
(Director: B. Theodoropoulos, MD, PhD)
- May 1992-September 1994:*** CT and MRI, Diagnostic and Research Institute  
„ENCEPHALOS“, Athens
- December 1992-September 1994:*** General Radiology, Radiology Department  
„ALEXANDRA“ Hospital, Athens University  
(Director: G. Pampouras, MD)
- September 1993- April 1994:*** CT and MRI, Radiology University Clinic  
„ARETEION“ Hospital, University Athens  
(Director: Prof. L. Vlahos, MD)
- April 1994- September 1994:*** Ultrasonography, Department of Radiology  
„ALEXANDRA“ Hospital, Athens University
- September 1994- September 1995:*** Radiology University Clinic,  
Department of Roentgendiagnosics,  
Neuroradiology Section  
Clinicum of the Albert-Ludwigs University, Freiburg  
(Director: Prof. M. Schumacher, MD)
- July 1995-November 1995:*** General Radiology and Ultrasonography,  
Department of Radiology  
„ALEXANDRA“ Hospital, Athens University
- December 1995:*** Successful Hellenic Boards for Radiology
- May 1996 -January 1997:*** Practice of Provincial General Medicine and  
Radiology, Health Center Schimatari
- January 1997 -July 1997:*** MRI Department  
Athens General Hospital “George Gennimatas”  
(Director: Prof. K. Stringaris, MD)

- June 1998:** PhD Thesis: „MR-Angiography of cerebral infarcts“  
Radiology University Clinic, CT and MRI Section  
„ARETEION“ Hospital, Athens University  
(Director: Prof. A. Gouliamos, MD)
- January 1997 - May 1999:** Department of Radiology, CT and MRI Section  
7<sup>th</sup> Hospital IKA., Athens
- March 1998 - July 2003:** Department of Diagnostic and Interventional  
Radiology  
Euroclinic of Athens  
(Directors: Prof. N. Gourtsoyiannis, MD  
Dr. N. Pantelidis, MD)
- October 2003- March 2006:** Director of CT and MRI Department  
Diagnostic Center “Ch. Christou”
- March 2006 – March 2007:** Director of MRI Department  
Diagnostic Center “Asklepios”
- May 1999–December 2011:** Department of CT and MRI,  
Oncology Hospital IKA, “Georgios Gennimatas”
- February 2006 – September 2010:** Director of MRI Department  
Diagnostic Center “Attica Health Care”
- March 2006 -today:** Clinical and Scientific Affiliate  
Department of Neurosurgery  
Athens University, Medical School  
Evangelismos Hospital  
(Director Prof. D. D. Sakas)
- July 2007:** EQNR (European Qualification in Neuroradiology)  
as Senior Neuroradiologist by the Certification  
Committee of the EBNR (European Board of  
Neuroradiology)
- January 2008 – today:** Interventional Neuroradiology  
Research Center for Radiology and Imaging  
Athens University  
Evgenidion Hospital
- February 2008 – February 2017:** Director of MRI Department  
Diagnostic Center of Northern Suburbs, Athens

***May 2011 -today:*** Neuroradiological Guidance for  
Neuronavigational approach of Brain Tumors  
Department of Neurosurgery  
Athens University, Medical School  
Evangelismos Hospital  
(Director Prof. G. Stranjalis)

***December 2011 – today:*** Director,  
Department of Advanced Imaging Modalities,  
MRI Unit  
General Anti-Cancer and Oncological Hospital  
of Athens “St. Savvas”, Athens, Greece

***January 2013 – September 2016*** Clinical and Research Affiliate  
Department of Neuroradiology,  
University of Tübingen, Germany

***December 2013 – December 2018:*** Director of MRI Department  
Diagnostic Center “Evinor”

***September 2014 – today:*** Medical Advisor of Imagilys,  
Brussels, Belgium

***June 2015 – December 2018:*** Head of Neuroradiology,  
Central Clinic, Athens, Greece

***February 2017 – today:*** DTI Challenge Project  
Brigham and Women’s Hospital,  
Medical School, Harvard University, USA

***April 2017 – today*** Clinical and Research Affiliate  
Department of Neuroradiology,  
University College of London (UCL), UK

***September 2019 – today*** National Delegate of Greece  
General Secretary of Research and Technology  
COST Action 18206, GliMR 2.0

***November 2019 – today*** Pro-Cancer I Project  
Research Grant of European Commission for  
Artificial Intelligence of Prostate Cancer

***June 2020 – today*** Clinical and Research Affiliate  
Department of Neurology,  
Athens University, Medical School  
Eginitio Hospital

**Previous published work in the field of advanced MR imaging and  
Neuroradiology-Neuro Oncology (last 10 years)**

1. **V. K. Katsaros**, A-A Katsarou, A. Papadopoulou, D. Floros, N. Marangos. Primary Synovial Sarcoma of the Atlanto-Occipital Junction and the Petrous Bone. *The Neuroradiology Journal* 2008; 21(3): 362-367
2. **V. K. Katsaros**, Th. Flaskas, L.C. Stavrinou, G. Stranjalis, Ch. Chrysikopoulos, D. E. Sakkas. Complicated arachnoid cyst without history of head injury or aneurysm rupture: Role of diffusion weighted imaging  
*The Neuroradiology Journal* 2008; 21(4): 543-546
3. A-A Katsarou, **V. K. Katsaros**, S. Lyra, P. Lampropoulou, M. Mitropoulou, Ch. Drossos. Intracranial complications of surgically removed cholesteatoma. *Hellenic Radiology* 2008, 39 (2) : 153-157
4. **V. K. Katsaros**, N. Marangos, Ch. Drossos Congenital Deformities of the ear  
20<sup>th</sup> European Congress of Radiology (ECR 2008)
5. **V. K. Katsaros**, P. Lampropoulou, M. Mitropoulou, A. Nikolaou, Ch. Drossos. MR appearance and differential diagnosis of pontine lesions. 25<sup>th</sup> International Congress of Radiology (ICR 2008)
6. **V. K. Katsaros**, M. Papathanasiou, S.Lyra, K.Karageorgiou, Ch.Drossos, A.Gouliamos. Role of neuroimaging in autoimmune diseases of the CNS. 33<sup>rd</sup> ESNR Annual Meeting and 17<sup>th</sup> Advanced Course 2008
7. **V. K. Katsaros**, M. Kotsakou, A. Kontogiannis, M. Papathanasiou, V. Zis, C.Drossos, A.Gouliamos. Olivopontocerebellar atrophy due to multiple sclerosis. 33<sup>rd</sup> ESNR Annual Meeting and 17<sup>th</sup> Advanced Course 2008
8. **V. K. Katsaros**, L. Stavrinou, G. Stranjalis, T. Flaskas, N. Bontozoglou, D.E. Sakas. Trigonal Cavernous Angioma: Radiologic – Clinical – Pathologic Correlation. 33<sup>rd</sup> ESNR Annual Meeting and 17<sup>th</sup> Advanced Course 2008
9. **V. K. Katsaros**, M. Papathanasiou, S. Lyra, P. Lampropoulou, Ch. Drossos, A. Gouliamos. Role of neuroimaging in autoimmune diseases of the CNS. RSNA 94<sup>th</sup> Scientific Assembly and Annual Meeting 2008
10. **V. K. Katsaros**, T. Mpouras, G. Stranjalis, T. Flaskas, P. Brestas, N. Bontozoglou, D.E. Sakas. Correlation of Neuroimaging and Neurosurgical Findings in Microvascular Decompression of Vth cranial Nerve. ASNR 48<sup>th</sup> Annual Meeting & NER Foundation Symposium 2009
11. S. Lyra, **V. K. Katsaros**, E. Samaras, A. Papatheodorou, N. Delikanakis, D. Gavrilou, V. Varsos, N. Batakis. Differentiation by MR Spectroscopy between Radionecrosis and Tumor Relapse of surgical removed Brain Gliomas. 34<sup>th</sup> ESNR Annual Meeting and 18<sup>th</sup> Advanced Course 2009
12. **V. K. Katsaros**, M. Vikelis, D. Mitsikostas, C. Karageorgiou, Ch. Drossos, A. Gouliamos. Greek experience in CADASIL. 34<sup>th</sup> ESNR Annual Meeting and 18<sup>th</sup> Advanced Course 2009
13. **V. K. Katsaros**, T. Mpouras, G. Stranjalis, T. Flaskas, N. Bontozoglou, D.E. Sakas. Neuroimaging in Microvascular Decompression of the trigeminal Nerve. 34<sup>th</sup> ESNR Annual Meeting and 18<sup>th</sup> Advanced Course 2009
14. P. Brestas, **V.K. Katsaros**, J. Protopsaltis, Ch. Drossos. Imaging findings in Neurolisteriosis. 34<sup>th</sup> ESNR Annual Meeting and 18<sup>th</sup> Advanced Course 2009
15. **V. K. Katsaros**, T. Mpouras, T. Flaskas, G. Stranjalis, N. Bontozoglou, D.E. Sakaç. The Role of Neuroimaging Findings in Microvascular Decompression of the Trigeminal Nerve. RSNA 95<sup>th</sup> Scientific Assembly and Annual Meeting 2009

16. **V.K. Katsaros**, C.Drossos, A.Gouliamos Greek experience in CADASIL. ECR 2010, European Congress of Radiology
17. E. Angelakis, E. Liouta, N. Andreadis, D. Verganelakis, T. Flaskas, **V. K. Katsaros**, D. E. Sakas. Consciousness in Non-Responsive Patients: EEG and fMRI data. XIX European Society for Stereotactic and Functional Neurosurgery (ESSFN 2010)
18. **V. K. Katsaros**, G. Stranjalis, T. Flaskas, D. E. Sakas MRI and MR-Spectroscopy of Intraventricular Anaplastic Oligodendroglioma. XIX Symposium Neuroradiologicum 2010
19. **V.K. Katsaros**, G.Karagiannis, S. Mylona, S. Lyra, A. Katsarou, A. Papatheodorou, V. Varsos, N. Mpatakis. Liver Metastases from Brain Glioblastoma Multiforme. ESNR XXXV Congress and 19<sup>th</sup> Advanced Course 2011
20. S. Lyra, **V. K. Katsaros**, G. Karagiannis, A. Katsarou, A. Papatheodorou, V. Varsos, N. Batakis. MR Imaging of primary CNS Lymphoma: Interesting Cases. ESNR XXXV Congress and 19<sup>th</sup> Advanced Course 2011
21. **V. K. Katsaros**, E. Liouta, L. Hermoye, W. Gradkowski, N. Tsiotas, C. Koutsarnakis, N. Andreadis, T. Argyrakos, A. Tavernaraki, G. Stranjalis. Multi-modality brain MRI for Neurosurgical Planning and Neuronavigation in patients with Brain Tumors. ESNR XXXVI Congress and 20<sup>th</sup> Advanced Course 2012
22. **V.K. Katsaros**, D. Rontogianni, L. Hermoye, S. Lyra, E. Liouta, A. Tavernaraki, P. Toulas, G. Stranjalis. MR Imaging of Lymphomasis Cerebri. ESNR XXXVI Congress and 20<sup>th</sup> Advanced Course 2012
23. **V.K. Katsaros**, S. Lyra, D. Verganellakis, P. Toulas. The role of MRI in the proper therapeutic decision for patients with Progressive Multifocal Leukoencephalopathy (PML). ESNR XXXVI Congress and 20<sup>th</sup> Advanced Course 2012
24. **V. K Katsaros**, N.Papanikolaou, E. Liouta, L.Hermoye, G.Stranjalis. The role of Advanced MRI in the Diagnostic and Therapeutic Approach of Brain Tumors. Hellenic Radiology 2012, 43 (4) : 225-250
25. **V. K Katsaros**, N.Papanikolaou, E. Liouta, L.Hermoye, G.Stranjalis. "Functional" MRI protocol for Treatment Decision, Pre-Surgical Planning and Imaging Guided Surgery of Brain Space Occupying Lesions. ASNR 51<sup>st</sup> Annual Meeting & NER Foundation Symposium 2013
26. **V. K Katsaros**, N.Papanikolaou, E. Liouta, L.Hermoye, G.Stranjalis. The role of Advanced Neuroimaging of Brain Tumors. Mediterranean Oncology Journal (MOJ) Mediterranean Oncology Journal, MOJ 2013, 3 (1): 34-52
27. **V. K. Katsaros**, S. Bisdas, A. Katsarou, E. Liouta, N. Papanikolaou, G. Stranjalis EPOS, ECR 2014, DOI:10.1594/ecr2014/C-1980. Protocol combining advanced and functional MRI with neuropsychological evaluation for patient-tailored therapy decision and treatment of brain masses
28. E. Liouta, F. Liakos, Ch. Koutsarnakis, **V.K. Katsaros**, G. Stranjalis Psychiatry Clin Neurosci. 2014 Jul;68(7):583-4. A novel case of familial Normal Pressure Hydrocephalus (NPH)
29. Usinskiene J, Ulyte A, Bjørnerud A, Venius J, **V.K. Katsaros**, Rynkeviciene R, Letautiene S, Norkus D, Suziedelis K, Rocka S, Usinskas A, Aleknavicius E. Neuroradiology. 2016 Apr;58(4):339-50. Doi: 10.1007/s00234-016-1642-9. Review. Erratum in: Neuroradiology. 2016 Jul;58(7):741. Optimal differentiation of high- and low-grade glioma and metastasis: a meta-analysis of perfusion, diffusion, and spectroscopy metrics.

- 30.** Ulyte A, **V.K. Katsaros**, Liouta E, Stranjalis G, Boskos C, Papanikolaou N, Usinskiene J, Bisdas S. *Neuroradiology*. 2016 Dec;58(12):1197-1208. Prognostic value of preoperative dynamic contrast-enhanced MRI perfusion parameters for high-grade glioma patients.
- 31.** Patrikelis P, Konstantakopoulos G, Lucci G, **V.K. Katsaros**, Sakas DE, Gatzonis S, Stranjalis G. *Clin Neurol Neurosurg*. 2017 Feb;153: 1-4. Possible common neurological breakdowns for alexithymia and humour appreciation deficit: A case study.
- 32.** **V.K. Katsaros**, Nikiforaki K, Manikis G, Marias K, Liouta E, Boskos C, Kyriakopoulos G, Stranjalis G, Papanikolaou N. Whole tumor MR Perfusion histogram analysis in the preoperative assessment of patients with gliomas: Differentiation between high- and low-grade tumors. *Hell J Radiol* 2017; 2(1): 30-38.
- 33.** Bisdas S, Shen H, Thust S, **Katsaros VK**, Stranjalis G, Boskos C, Brandner S, Zhang J. Texture analysis- and support vector machine-assisted diffusional kurtosis imaging may allow in vivo gliomas grading and IDH-mutation status prediction: a preliminary study. *Nature: Scientific Reports* 2018 Apr 17;8(1):6108 doi:10.1038/s41598-018-24438-4.
- 34.** Liouta E, **Katsaros VK**, Stranjalis G, Leks E, Klose U, Bisdas S. Motor and language deficits correlate with Resting State Functional Magnetic Resonance Imaging networks in patients with brain tumors. *J Neuroradiol*. 2019 May; 46(3):199-206
- 35.** C.H. Sudre, J. Panovska-Griffiths, E. Sanverdi, S. Brandner, **V. K. Katsaros** et al. Machine learning assisted DSC-MRI radiomics as a tool for glioma classification by grade and mutation status. October 2019, DOI: 10.1101/19007898
- 36.** A.-A. Katsarou, S. Bisdas, **V.K. Katsaros**. Tumor-Like Conditions of the Brain, Book Chapter in *Atlas of Clinical Cases on Brain Tumor Imaging*. 2020 May, Springer Verlag
- 37.** Alexandratou I, Zachariadi C, **Katsaros VK**, et al. Monocular pendular nystagmus in a patient with a dolichoectatic basilar artery. *Neurol Neurosci*. 2020;1(1):1-2
- 38.** I Alexandratou, C Zachariadi, M Stefanatou, A Verentzioti, P Patrikelis, L Hermoye, A Soddu, S Gatzonis, **VK Katsaros**. Combination of advanced structural and functional MRI methods in the pre-surgical evaluation of patients with drug-resistant epilepsy. *EUROPEAN JOURNAL OF NEUROLOGY*, 2020; 27, 589-589
- 39.** Agapi-Alexandra Katsarou, Sotirios Bisdas, Eva Liouta, George Stranjalis, Laurent Hermoye, **Vasileios K. Katsaros**. The role of DTI-FT and fMRI in the lateralization of language, as a pre-surgical tool of space-occupying lesions of the brain. *Neuroradiology* (2020) 62 (Suppl 1): S35



**40. Vasileios K. Katsaros**, Laurent Hermoye, Agapi-Alexandra Katsarou, Andrea Soddu, Demetrius Ribeiro De Paula, Wojciech Gradkowski, Ioanna Alexandratou, Chara Zachariadi, Maria Stefanatou, Anastasia Verentzioti, Stylianos Gatzonis. The role of DTI-FT and fMRI in the lateralization of language, as a pre-surgical tool of space-occupying lesions of the brain. *Neuroradiology* (2020) 62 (Suppl 1): S41

**41. Brain Mapping with Advanced MRI Methods in Brain Tumors.**

***Vasileios K. Katsaros***

**G20/N20 Symposium Invited Lecture - 22 November 2020**

**42. The Open Brain Consent: Informing research participants and obtaining consent to share brain imaging data.** The Open Brain Consent working group collaborators in alphabetic order: Elise Bannier, Gareth Barker, Valentina Borghesani, Nils Broeckx, Patricia Clement, María de la Iglesia Vayá, Kyrre E. Emblem, Satrajit Ghosh, Enrico Glerean, Krzysztof J. Gorgolewski, Marko Havu, Yaroslav O. Halchenko, Peer Herholz, Anne Hespel, Stephan Heunis, Yue Hu, Chuan-Peng Hu, Dorien Huijser, Radim Jancalek, ***Vasileios K. Katsaros***, Marie-Luise Kieseler, Camille Maumet, Clara Moreau, Henk-Jan Mutsaerts, Robert Oostenveld, Esin Ozturk Isik, Nicolas Pascual Leone Espinosa, John Pellman, Cyril R Pernet, Francesca Benedetta Pizzini, Amira Šerifović Trbalić, Paule-Joanne Toussaint, Matteo Visconti di Oleggio Castello, Fengjuan Wang, Cheng Wang, Hua Zhu.

Preprint in <https://psyarxiv.com/f6mnp/>

**Accepted in Human Brain Mapping** (In Press)