

BRIEF CURRICULUM VITAE

Dr Christina Kalogeropoulou

PERSONAL DATA

PLACE of BIRTH: Patras, Greece
CITIZENSHIP: Greek
MARITAL STATUS: Married, one child
WORKING ADDRESS: Department of Radiology, University Hospital of Patras, 26500
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Google scholar https://scholar.google.com/citations?user=cd_nJawAAAAJ&hl=en

CURRENT APPOINTMENT: Professor of Radiology
University of Patras, Patras 26500, GREECE

EDUCATION

1993: Medical Degree, University of Patras, School of Medicine, Greece

POSTDOCTORAL TRAINING

1993-1998: Resident in Radiology, University Hospital of Patras
1995-1999: **Ph.D. Thesis** "Measurements of blood flow in splachnic vessels with Color Doppler Ultrasound. Clinical and experimental study" University of Patras, School of Medicine.

RESEARCH- FELLOWSHIPS:

Jan-Jul 1997: Research fellow in Radiology, University of Glasgow, Royal Infirmary, UK
May-Jul 2003: Fellow in Radiology, University of Glasgow, Royal Infirmary, UK
Apr-May 2004: Fellow in Radiology, Royal Hospital of Sick Children Yorkhill, Glasgow, UK

LICENSURE AND CERTIFICATION:

1993: Greek National Licensure in Medicine
1998: Greek Board of Certification in Radiology

DISTINCTIONS

1988-1990: **Scholarships** from the Greek State Scholarship Foundations in the context of my studies
1991: Scholarship from the Greek State Scholarship Foundations for participation in Erasmus programme
2005: Scholarship from the Greek College of Radiology for fellowship in UK

ACADEMIC APPOINTMENTS:

2003-2007: Lecturer, Radiology Department, School of Medicine, University of Patras
2008- 2012: Ass. Professor, Radiology Department, School of Medicine, University of Patras
2012-2015: Ass. Professor [with tenure], Radiology Department, School of Medicine, University of Patras
2015-2019: Assoc. Professor, Radiology Department, School of Medicine, University of Patras
2019-present: Professor, Radiology Department, School of Medicine, University of Patras

HOSPITAL APPOINTMENTS

1999-2003: Consultant Radiologist, University Hospital of Patras

TEACHING

Undergraduate courses/ School of Medicine, University of Patras :

Introduction to Radiology, Radiologic Anatomy, Radiology
Participation in Integrated Courses, according to Medical School's Curriculum (2006-present)

Postgraduate courses/ School of Medicine, University of Patras:

Interdepartmental Postgraduate Program of Studies in **Medical Physics** of the University of Patras : Radiologic Anatomy
Interdepartmental Program of Graduate Studies in **Informatics for Life Sciences**: Principles of Medical Imaging - MDCT applications
Interdepartmental Program of Graduate Studies in **Personalized Medicine**: Medical Imaging

Postgraduate courses/ School of Medicine, University of Thessaly:

Program of Graduate Studies in **Biomedical Imaging and Radiation Protection**: Basic Principles in Ultrasound/ Clinical Applications

CLINICAL AREA OF INTEREST

Diseases of the GI tract- diseases of the liver
Diseases of the lungs -ILDs
Oncologic Imaging
Preoperative Imaging of Parathyroid Glands
Imaging of pediatric patients

RESEARCH AREA OF INTEREST

Image analysis -CAD systems [mammography / HRCT]
Image optimization and dose reduction protocols in MDCT
Liver Hemodynamics
Imaging of parathyroid glands
Newest applications of MDCT / Dual Energy CT
Body composition in sarcopenia/osteoporosis

ACADEMIC ACTIVITIES

AWARDS AND HONOURS

A total of 23 scientific papers have received awards and honours

SCIENTIFIC BOOKS

Co-authorship of 10 book chapters [3 in international books]
Participation as a co-author in the book "**Clinical Radiology**" edited by the Greek College of Radiology [2012]

INVITED SPEAKER

75 presentations as invited speaker in national and international meetings and 11 in international meetings

RESEARCH GRANTS

Participation in 4 basic research programmes “Karatheodoris” University of Patras [**principal investigator in 1** : “Development of an automatic detection method of pulmonary nodules in CT for monitoring cancer patients”]

Participation in 1 programme “Pythagoras I-Support of Research Teams in the University”, of the Greek Ministry of Education

PUBLICATIONS

131 full publications in international journals, 10 in electronic journals, 5 full publications in Greek journals and 28 full publications in symposia proceedings.

Presentation of 253 abstracts in international congresses [120 of them published in supplement volumes of international journals] and 305 abstracts in Greek congresses

Impact of Publications

A total of 2366 citations (h-index 26) according to **Scopus**, 3070 (h-index=29, i10 index=10) according to **Google Scholar**

MANAGEMENT

Head of the CT unit, at the Radiology Department of the University Hospital of Patras

Head of the educational program of the Radiology Department

Member of the General Assembly of the Faculty of Medicine of the University of Patras.

Member of the Steering Committee of the Interdepartmental Program of Studies in Medical Physics

Member of the Steering Committee of the Interdepartmental Program of Studies in Informatics for Life Sciences

Member of the Steering Committee of the Interdepartmental Program of Studies in Personalized Medicine

Member of the board of the Intra-University “Medical Radiation Physics -MRP” research network of the University of Patras.

Member of the Advisory Committee for the “Doctoral Theses” of the Department of Medicine, Faculty of Health Sciences

Member of the Board of Greek College of Radiology

Member of the Committee “Hybrid Imaging” of the Hellenic Society of Radiology

Substitute Member of the Board of the University Hospital of Patras

Member of the Research and Ethics committee of the University Hospital of Patras

MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

1993-present Greek Radiology Association

1998-present South Greek Radiology Association

1999-present Greek College of Radiologists

2000-present European Society of Radiology [ESR]

2001- 2004 Cardiovascular and Interventional Radiologic Society of Europe

2012-present European Society of Gastrointestinal and Abdominal Radiology [ESGAR]

/ Certificate of excellence in Abdominal Radiology [Level II]
2022- present European Society of Thoracic Imaging [ESTI]

Selected Publications:

1. D Siambli, D Karnabatidis, O Hatjikondi, C.P. Kalogeropoulou, D Kardamakis, J Dimopoulos. "A novel radiological approach for the experimental study of angiogenesis: angiography of the chick embryo and its chorioallantoic membrane". European Journal of Radiology (1996) Feb; 21(3):220-4. (IF 2005: 1.888)
2. S. Skiadopoulos, C. Pierrakeas, L. Costaridou, C.P. Kalogeropoulou, G. Panayotakis. "A phantom based evaluation of an exposure equalisation technique in mammography". The British Journal of Radiology (1999) Oct; 72(862): 977-85
3. S.D. Yarmenitis, C.P. Kalogeropoulou, O. Hatjiconti, P. Ravasoula, T. Petsas, D. Siambli, F. Kalfaretzos. "An experimental approach of the doppler perfusion index (DPI) of the liver in detecting occult hepatic metastases. Histological findings related to the hemodynamic measurements in wistar rats". European Radiology (2000);10 (3):417-24.
4. Spiropoulos K, Trakada G, Kalamboka D, Kalogeropoulou C, Petsas T, Efremidis G, Tsiamita M, Trakada A, Dimopoulos I. "Can high resolution computed tomography predict lung function in patients with chronic obstructive pulmonary disease?" Lung. 2003;181(4):169-81
5. Zabakis P, Kardamakis DM, Siambli D, Kalogeropoulou C, Karnabatidis D, Malatara G, Dimopoulos IA. "External beam radiation therapy reduces the rate of re-stenosis in patients treated with femoral stenting: results of a randomised study". Radiother Oncol. 2005 Jan;74(1):11-6
6. Kalogeropoulou C, Ceccotti P.C, Leen E.and Horgan P. "Is contrast enhanced ultrasound an essential tool for liver trauma?" J Trauma 2006 Jan; 60(1):233-6
7. Leen E, Ceccotti P.C, Kalogeropoulou C, Angerson WJ, Moug SJ, Horgan P. "Prospective multicenter trial evaluating a novel method of characterizing focal liver lesions using contrast-enhanced sonography". AJR 2006 Jun; 186(6):1551-9.
8. Vasiliou V, Kalogeropoulou C, Christopoulos C, Solomou EK, Leontsinides M, Kardamakis D. "Combination ibadronate and radiotherapy for the treatment of bone metastases: clinical evaluation and radiological assessment". Int. J.Onc.Biol. Phys 2007 Jan 1;67(1):264-72
9. C. Kalogeropoulou, M.Anthrakopoulos, S. Yarmenitis, T. Kanellopoulos, M. Eliopoulou, D. Papanastasiou "The role of Doppler ultrasonography in monitoring bronchodilator response of infants with acute bronchiolitis" Pediatric Pneumonology 2007 Dec; 42(12):1159-65
10. Dougeni ED, Delis HB, Karatza AA, Kalogeropoulou CP, Skiadopoulos SG, Mantagos SP, Panayiotakis GS. "Dose and image quality optimization in neonatal radiography". Br J Radiol. 2007 Oct;80(958):807-15
11. Korfiatis P, Kalogeropoulou C, Karahaliou A, Kazantzi A, Skiadopoulos S, Costaridou L. Texture classification-based segmentation of lung affected by interstitial pneumonia in high-resolution CT. Med Phys. 2008 Dec;35(12):5290-302.
12. Kalogeropoulou C, Kallidonis P, Liatsikos EN. Imaging in percutaneous nephrolithotomy. J Endourol. 2009 Oct;23(10):1571-7
13. Experience with rituximab in scleroderma: results from a 1-year, proof-of-principle study Dimitrios Daoussis, Stamatis-Nick C. Lioassis, Athanassios C. Tsamandas, Christina Kalogeropoulou, Alexandra Kazantzi, Chaido Sirinian, Maria Karampetsou, Georgios Yiannopoulos, Andrew P. Andonopoulos Rheumatology, 2010, 49(2) 271–280
14. Kazantzi A, Costaridou L, Skiadopoulos S, Korfiatis P, Karahaliou A, Daoussis D, Andonopoulos A, Kalogeropoulou C. Automated 3D Interstitial Lung Disease Extent Quantification: Performance Evaluation and Correlation to PFTs.J Digit Imaging. 2014 Jan 22. [Epub ahead of print]
15. Karatzas A, Triantos C, Kalafateli M, Marzigie M, Labropoulou-Karatza C, Thomopoulos K, Petsas T, Kalogeropoulou C. Multidetector computed tomography versus platelet/spleen diameter ratio as methods for the detection of gastroesophageal varices. Ann Gastroenterol. 2016 Jan-Mar;29(1):71-8.
16. Zampakis P, Panagiotopoulos V, Petsas T, Kalogeropoulou C. Common and uncommon intracranial arterial anatomic variations in multi-detector computed tomography angiography (MDCTA). What radiologists should be aware of. Insights Imaging. 2015 Feb;6(1):33-42.

17. Kalogeropoulou C, Zampakis P, Tsimara M, Panagopoulos K, Hatzilygeroudis I, Koutsojannis C. Intelligent System for Preoperative Evaluation of Parathyroid Gland for Surgical Intervention Prediction. *J Clin Exp Radiol* 2019, 2:1
18. Konstantatou E, Fang C, Romanos O, Derchi LE, Bertolotto M, Valentino M, Kalogeropoulou C, Sidhu PS. Evaluation of Intratesticular Lesions With Strain Elastography Using Strain Ratio and Color Map Visual Grading: Differentiation of Neoplastic and Nonneoplastic Lesions. *J Ultrasound Med*. 2019 Jan;38(1):223-232.
19. Oikonomaki T, Papatotiriou M, Ntrinias T, Kalogeropoulou C, Zabakis P, Kalavrizioti D, Papadakis I, Goumenos DS, Papachristou The effect of vitamin K2 supplementation on vascular calcification in haemodialysis patients: a 1-year follow-up randomized trial. *E.Int Urol Nephrol*. 2019 Nov;51(11):2037-2044
20. Karampitsakos T, Kalogeropoulou C, Tzilas V, Papaioannou O, Kazantzi A, Koukaki E, Katsaras M, Bouros E, Tsiri P, Tsirikos G, Zarkadi E, Ntoulis N, Sotiropoulou V, Efthymiou P, Chrysikos S, Malakounidou E, Sampsonas F, Bouros D, Tzouvelekis A. Safety and Effectiveness of Mycophenolate Mofetil in Interstitial Lung Diseases: Insights from a Machine Learning Radiographic Model. *Respiration*. 2022;101(3):262-271. doi: 10.1159/000519215. Epub 2021 Sep 30
21. Dimitroukas CP, Metaxas VI, Efthymiou FO, Zampakis PE, Panayiotakis GS, Kalogeropoulou CP. Non-dynamic and multiphase CT protocols for parathyroid glands imaging: a review of technical parameters, radiation dose and diagnostic accuracy. *Minerva Endocrinol (Torino)*. 2023 Jun;48(2):230-246.
22. Efthymiou FO, Metaxas VI, Dimitroukas CP, Delis HB, Zikou KD, Ntzanis ES, Zampakis PE, Panayiotakis GS, Kalogeropoulou CP A retrospective survey to establish institutional diagnostic reference levels for CT urography examinations based on clinical indications: preliminary results. *Biomed Phys Eng Express*. 2023 Sep 12;9(6).