

Curriculum Vitae

NAME: Chieh LIN

BIRTHDAY: December 9, 1974

WORKING ADDRESS:

Department of Nuclear Medicine

Chang Gung Memorial Hospital

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LANGUAGE: Mandarin, English, French, Taiwanese

MEDICAL EDUCATION

2006–2009: PhD program, specialty «Radiobiologie et Radiopathologie», Graduate school «Science de la Vie et de la Santé », School of Medicine, Université Paris-Est Créteil (previously Université Paris 12), France

2005–2006: Master 2, specialty « Signaux et Images en Médecine », School of Sciences et Technology, Université Paris 12 Val-de-Marne, France

1993–2000: Medical doctor, Chang Gung University School of Medicine, Taoyuan, Taiwan

MEDICAL DEGREES AND CERTIFICATES

Specialty in Nuclear Medicine certified on November 17, 2014 (Taiwan)

Specialty in Radiology certified on November 10, 2005 (Taiwan).

Medical doctor certified on October 11, 2000 (Taiwan).

FOREIGN MEDICAL CERTIFICATES

2004: United States Medical Licensing Examination (USMLE) step 2

1998: United States Medical Licensing Examination (USMLE) step 1

POSTDOCTORAL TRAINING

2014–present: Attending Physician in Nuclear Medicine, Chang Gung Memorial Hospital, Taoyuan, Taiwan (Assistant Professor since 2015)

2010–2014: Residency in Nuclear Medicine, Chang Gung Memorial Hospital, Taoyuan, Taiwan

2001–2005: Residency in Radiology, Koo Foundation Sun Yat-Sen Cancer Center, Taipei, Taiwan

2000–2001: Residency in Internal Medicine, Chang Gung Memorial Hospital, Taoyuan, Taiwan

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PROFESSIONAL ACTIVITIES

Reviewer for European Radiology, Journal of Magnetic Resonance Imaging, Cancer Imaging, Academic Radiology and EJNMMI Research since 2012

RESEARCH INTEREST

Functional imaging in oncology

RESEARCH EXPERIENCE

2010–present: projects on continuously investigating the PET and MRI multi-parametric imaging approach in lymphoid malignancies, including a NSC-ANR Taiwan-France collaboration project (2012–2015) with the goal of establishing personalized precision medicine

2006–2009: PhD program, project entitled “Whole-body functional imaging in hematologic malignancies”

February 2006–July 2006: Master 2 program, project entitled “Optimization of the standardized uptake value in positron emission tomography for evaluation of early treatment response in aggressive lymphoma”

December 1997–January 1998: research student in Hepatitis laboratory, Chang Gung Memorial Hospital, Taoyuan, Taiwan

HONORS AND AWARDS

2013: First Prize of Oral Presentation, Clinical Research Group, Nuclear Medicine Annual Meeting, Taipei, Taiwan

2009: First Prize of Young Investigator Presentation, 100th national annual meeting of French Radiological Society, Paris, France

2000: Honorary member of the Phi Tau Phi Scholastic Honor Society of Taiwan

2000: Scholarship honored by Professor Tsungming TU

1992: First Prize of the Physics Group, National High school Science Competition, Taiwan

INTERNATIONAL MEMBERSHIPS

2007–present: member of the “Société Française de Radiologie”

2004–present: member of the “American Roentgen Ray Society”

2003–present: member of the “European Congress of Radiology”

2002–present: member of the “Radiological Society of North America”

PUBLICATIONS

1. **Lin C**, Liu CC, Huang HM. A general-threshold filtering method for improving intravoxel incoherent motion parameter estimates. *2018 Phys Med Biol.* 63 175008 [Epub ahead of print]
2. Chan WH, Huang YL, **Lin C**, Lin CY, Cheng MH, Chu SY. Acoustic radiation force impulse elastography: tissue stiffness measurement in limb lymphedema. *Radiology.* 2018 Dec;289(3):759-765. doi: 10.1148/radiol.2018172869. Epub 2018 Aug 14.
3. Cheng MH, Pappalardo M, **Lin C**, Kuo CF, Lin CY, Chung KC. Validity of the novel Taiwan lymphoscintigraphy staging and correlation of Cheng lymphedema grading for unilateral extremity lymphedema. *Ann Surg.* 2018 Sep;268(3):513-525. doi: 10.1097/SLA.0000000000002917.
4. Cottreau AS, Mulé S, **Lin C**, Belhadj K, Vignaud A, Copie-Bergman C, Boyez A, Zerbib P, Tacher V, Scherman E, Haioun C, Luciani A, Itti E, Rahmouni A. Whole-body diffusion-weighted MR imaging of iron deposits in Hodgkin, follicular, and diffuse Large B-cell lymphoma. *Radiology.* 2018 Feb;286(2):560-567. doi: 10.1148/radiol.2017170599. Epub 2017 Oct 6.
5. **Lin C**, Shih YY, Huang SL, Huang HM. Total variation-based method for generation of intravoxel incoherent motion parametric images in MRI. *Magn Reson Med.* 2017 Oct;78(4):1383-1391. doi: 10.1002/mrm.26528. Epub 2016 Oct 31.
6. Huang HM, Shih YY, **Lin C**. Formation of parametric images using mixed-effects models: a feasibility study. *NMR Biomed.* 2016 Mar; 29(3): 239-47.
7. Toledano-Massiah S, Luciani A, Itti E, Zerbib P, Vignaud A, Belhadj K, Baranes L, Haioun C, **Lin C**, Rahmouni A. Whole-body diffusion-weighted imaging in Hodgkin lymphoma and diffuse large B-cell lymphoma. *Radiographics.* 2015 May-Jun; 35(3): 747-64.
8. Bourillon C, Rahmouni A, **Lin C**, Belhadj K, Beaussart P, Vignaud A, Zerbib P, Pigneur F, Cuenod CA, Bessalem H, Cavet M, Boutekadjirt A, Haioun C, Luciani A. Intravoxel incoherent motion diffusion-weighted imaging of multiple myeloma lesions: correlation with whole-body dynamic contrast agent-enhanced MR imaging. *Radiology.* 2015 Dec; 277(3): 773-83. Epub 2015 Jul 1
9. **Lin C**, Ho CL, Ng SH, Wang PN, Huang Y, Lin YC, Tsai SF, Rahmouni A, Yen TC. ¹¹C-Acetate as a new biomarker for PET/CT in patients with multiple myeloma: initial staging and post-induction response assessment. *Eur J Nucl Med Mol Imaging.* 2014 Jan; 41(1): 41-9. Epub 2013 Oct 16.
10. Su TP, Cheng NM, Chuang HC, Chen CC, **Lin C*** (corresponding author).

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- Potential false-positive Meckel's scan due to displaced kidney caused by recurrent retroperitoneal teratoma. *Clin Nucl Med.* 2014 Oct;39(10):e433-5. doi: 10.1097/RLU.0000000000000264.
11. **Lin C**, Luciani A, Itti E, Haioun C, Meignan M, Rahmouni A. Whole-body diffusion magnetic resonance imaging in the assessment of lymphoma. *Cancer Imaging.* 2012 Sep 28; 12(2): 403-8. invited review
 12. Kuo WH, Wu YC, Wu CY, Ho KC, Chiu PH, Wang CW, Chang CJ, Yu CT, Yen TC, **Lin C*** (corresponding author). Node/aorta and node/liver SUV ratios from (18)F-FDG PET/CT may improve the detection of occult mediastinal lymph node metastases in patients with non-small cell lung carcinoma. *Acad Radiol.* 2012 Jun; 19(6): 685-92.
 13. **Lin C**, Itti E, Luciani A, Zegai B, Lin S, Kuhnowski F, Pigneur F, Gaillard I, Evangelista E, Meignan M, Haioun C, Rahmouni A. Whole-body diffusion-weighted MR imaging with apparent diffusion coefficient mapping for treatment response assessment in patients with diffuse large B-cell lymphoma: pilot study. *Invest Radiol.* 2011 May; 46(5): 341-349.
 14. Itti E, Juweid ME, Haioun C, Yeddes I, Hamza-Maaloul F, El-Bez I, Evangelista E, **Lin C**, Dupuis J, Meignan M. Improvement of early FDG-PET interpretation in diffuse large B-cell lymphoma: importance of the reference background. *J Nucl Med.* 2010 Dec; 51(12): 1857-1862.
 15. **Lin C**, Itti E, Luciani A, Haioun C, Meignan M, Rahmouni A. Whole-body diffusion-weighted imaging in lymphoma. *Cancer Imaging.* 2010 Oct 4; 10: S172-178. invited review
 16. **Lin C**, Luciani A, Itti E, El-Gnaoui T, Vignaud A, Beaussart P, Lin S, Belhadj K, Brugières P, Evangelista E, Haioun C, Meignan M, Rahmouni A. Whole-body diffusion-weighted MR imaging with apparent diffusion coefficient mapping for staging patients with diffuse large B-cell lymphoma. *Eur Radiol.* 2010 Aug; 20(8): 2027-2038. Epub 2010 Mar 23. (SCI 3.594)
 17. Luciani A, **Lin C**, Beaussart P, Zerbib P, Haioun C, Rahmouni A. Whole body functional MR imaging: hemato-oncologic applications. *J Radiol.* 2010 Mar; 91(3 Pt 2): 375-380. invited review
 18. **Lin C**, Luciani A, Belhadj K, Deux JF, Kuhnowski F, Maatouk M, Beaussart P, Cuenod CA, Haioun C, Rahmouni A. Multiple myeloma treatment response assessment with whole-body dynamic contrast-enhanced MR imaging. *Radiology.* 2010 Feb; 254(2): 521-531.
 19. Vignaud A, **Lin C**, Luciani A, Rahmouni A. Case report: whole-body dynamic contrast-enhanced MR imaging for evaluation of bone marrow enhancement in multiple myeloma. *Siemens MAGNETOM Flash MR magazine: RSNA edition*

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- issue number 3/2009: 80-83. invited communication
20. Itti E, **Lin C**, Dupuis J, Paone G, Capacchione D, Rahmouni A, Haioun C, Meignan M. Prognostic value of interim FDG-PET in patients with diffuse large B-cell lymphoma: SUV-based assessment at 4 cycles of chemotherapy. *J Nucl Med*. 2009 Apr; 50(4): 527-533.
 21. **Lin C**, Luciani A, Belhadj K, Maison P, Vignaud A, Deux JF, Zerbib P, Pigneur F, Itti E, Kobeiter H, Haioun C, Rahmouni A. Patients with plasma cell disorders examined at whole-body dynamic contrast-enhanced MR imaging: initial experience. *Radiology*. 2009 Mar; 250(3): 905-915.
 22. Paone G, Itti E, Haioun C, Gaulard P, Dupuis J, **Lin C**, Meignan M. Bone marrow involvement in diffuse large B-cell lymphoma: correlation between FDG-PET uptake and type of cellular infiltrate. *Eur J Nucl Med Mol Imaging*. 2009 May; 36(5): 745-750.
 23. Dupuis J, Itti E, Rahmouni A, Hemery F, Gisselbrecht C, **Lin C**, Copie-Bergman C, Belhadj K, El Gnaoui T, Gaillard I, Kuhnowski F, Meignan M, Haioun C. Response assessment after an inductive CHOP or CHOP-like regimen with or without Rituximab in 103 patients with diffuse large B-cell lymphoma: intergrating FDG-PET to the international workshop criteria. *Ann Oncol*. 2009 Mar; 20(3): 503-507.
 24. **Lin C**, Itti E, Haioun C, Petegnief Y, Luciani A, Dupuis J, Paone G, J-N Talbot, Rahmouni A, Meignan M. Early FDG-PET for prediction of prognosis in patients with diffuse large B-cell lymphoma: SUV-based assessment versus visual analysis. *J Nucl Med*. 2007 Oct; 48: 1626-1632.
 25. **Lin C**, Luciani A, Itti E, Haioun C, Rahmouni A. Whole body MRI and PET/CT in haematological malignancies. *Cancer Imaging*. 2007 Oct 1; 7 Spec No A: S88-S93. invited review
 26. **Lin C**, Luciani A, Haioun C, Pigneur F, Deux JF, Zerbib P, Vignaud A, Raymond R, Kobeiter H, Itti E, Rahmouni A. Imagerie par resonance magnetique (IRM) corps entier en cancérologie. *Oncologie*. 2007; 9 (4): 286-293.

BOOK CHAPTER

Lin C, Rahmouni A. Chapter 53. Functional imaging in lymphoma. In: Luna A et al. (ed) *Functional imaging in oncology*. Springer 2014, Heidelberg