

Date : 12/20/2020

Name : Professor Alain LUCIANI, MD, PhD

CNOM 94/13560, RPPS 10001530772

Title : Full Professor of Radiology

University Paris Est Creteil (UPEC) – Medical School of Creteil – Academic Hospital CHU Henri Mondor, APHP

Research Team INSERM IMRB U955 Team 18

Radiology Department, Imagerie Mediale, CHU Henri Mondor, AP-HP ; 51 Ave Mal de Lattre de Tassigny, 94010 Créteil Cedex, France;

phone : +33 1 49 81 26 31 ; Mail: alain.luciani@aphp.fr

Academic Titles

- **2008 : Research Habilitation (HDR)**, Ecole Doctorale Sciences Vie Santé, UPEC
- **2007 : PhD: Tissular Imaging of the Liver-** Ecole Doctorale Sciences Ingénierie : Matériaux – Modélisation – Environnement (SIMME), Spécialité Radiobiologie Radiopathologie (UPEC).
- **2002 : Medical Thesis.** « Glucose Receptor Imaging using MRI».
- **2002 : MD Diploma, Radiology and Medical Imaging specialization**
- **2001 : Master Degree Génie Biologique et Médical**, UPEC
- **2000 : Master M1 Degree** – Molecular Biology, Oncology subspecialty (Pr Kaplan-Pr Brechot-Cochin-Necker), Biochemistry (Pr Leroux-Faculté Necker Enfants Malades), Immunology (Pr Bach- Faculté Necker Enfants Malades).

Last Publications 2018/2019

Publications (2015-2020): n= 91 ; Individual SIGAPS (2015-2020):991; Individual SIGAPS overall: 1882; latest pubs. on liver cancer:

1. Saillard C, Schmauch B, Laifa O, et al (2020) Predicting survival after hepatocellular carcinoma resection using deep-learning on histological slides. *Hepatology*. <https://doi.org/10.1002/hep.31207>
2. Mulé S, Galletto Pregliasco A, Tenenhaus A, et al (2020) Multiphase Liver MRI for Identifying the Macrotrabecular-Massive Subtype of Hepatocellular Carcinoma. *Radiology* 295:562–571. <https://doi.org/10.1148/radiol.2020192230>
3. Mulé S, Chalaye J, Legou F, et al (2020) Hepatobiliary MR contrast agent uptake as a predictive biomarker of aggressive features on pathology and reduced recurrence-free survival in resectable hepatocellular carcinoma: comparison with dual-tracer 18F-FDG and 18F-FCH PET/CT. *Eur Radiol*. <https://doi.org/10.1007/s00330-020-06923-5>
4. Lacroix M, Mulé S, Herin E, et al (2020) Virtual unenhanced imaging of the liver derived from 160-mm rapid-switching dual-energy CT (rsDECT): Comparison of the accuracy of attenuation values and solid liver lesion conspicuity with native unenhanced images. *European Journal of Radiology* 133:109387. <https://doi.org/10.1016/j.ejrad.2020.109387>
5. Tomi-Tricot R, Gras V, Thirion B, et al (2019) SmartPulse, a machine learning approach for calibration-free dynamic RF shimming: Preliminary study in a clinical environment. *Magn Reson Med* 82:2016–2031. <https://doi.org/10.1002/mrm.27870>
6. Reizine E, Ronot M, Pigneur F, et al (2019) Iso- or hyperintensity of hepatocellular adenomas on hepatobiliary phase does not always correspond to hepatospecific contrast-agent uptake: importance for tumor subtyping. *Eur Radiol*. <https://doi.org/10.1007/s00330-019-06150-7>
7. Amaddeo G, Brustia R, Allaire M, et al (2020) Impact of COVID-19 on the management of hepatocellular carcinoma in a high-prevalence area. *JHEP Reports* 100199. <https://doi.org/10.1016/j.jhepr.2020.100199>
8. Tomi-Tricot R, Gras V, Mauconduit F, et al (2018) B1 artifact reduction in abdominal DCE-MRI using kT -points: First clinical assessment of dynamic RF shimming at 3T. *J Magn Reson Imaging* 47:1562–1571. <https://doi.org/10.1002/jmri.25908>
9. Chalaye J, Costentin CE, Luciani A, et al (2018) Positron emission tomography/computed tomography with 18F-fluorocholine improve tumor staging and treatment allocation in patients with hepatocellular carcinoma. *J Hepatol* 69:336–344. <https://doi.org/10.1016/j.jhep.2018.02.018>

Teaching Activities

- 1) **Master M2 Degree, Master SIM, UPEC:** Head of teaching program
- 2) **National Radiology Residency training program:** coordinator of the Research Training Program since 2011
- 3) **Continuous Medical Education : Coordinator of MRI In clinical Practice training program.** Faculté de Médecine Créteil- Université Paris XII (Pr Rahmouni), and teachings in a total of 4 national continuous education training programs

Responsibilities

- **Since 2019: General Secretary of the APHP Radiologist Collegiale Board**
- **Since 2019 : Member of the National Scientific Council of AI in imaging in France - DRIM France IA, Conseil National Professionnel de La Radiologie (G4)**
- **Since 2018 : Head of academic and medical (DMU) department FlixIT HU Henri Mondor**
- **Since 2015: Vice President of the “Societe Française de Radiologie”, in charge of Research**
- **Since 2014: Member elect of CMEL GH Henri Mondor, APHP, Président de la Commission des Equipements**
- **2015-2018: General Secretary of the French College of Academic Radiologists**
- **Since 2018: Past President of the French Society of Abdominal Radiology (SIAD)**
- **Since 2016: Member of the Domaine Action Stratégique Imagerie MEDICEN Pôle de Compétitivité - Ile de France**
- **Investigator in 5 national and international research programs** (EUDRACT 2011-A00043-38; 2010-A00042-37; 2007-A01121-52; D20070120; 2008-A00865-50)
- **Member of European Society of Radiology**
- **Member of the European Society of Gastrointestinal Radiology**
- **Member of the Radiological Society of North America**