



Curriculum Vitae

Personal information **Fabien Hyafil**

Work experience

University department director, Professor in Medicine

University of Paris [01/09/2020 – Current]

City: Paris

Country: France

I am the head of the department of Nuclear Medicine of Hôpital Européen Georges-Pompidou, member of the group Assistance Publique - Hôpitaux de Paris. I am member of the INSERM research Paris Cardiovascular Research Centre (PARCC) where I am developing pre-clinical and clinical research in the field of cardiovascular imaging. I am Professor in Medicine of the University of Paris and teaching Biophysics and Imaging at the Faculty of Medicine of the University of Paris.

Lecturer in medicine

Assistance Publique - Hopitaux de Paris [01/11/2015 – 31/08/2020]

City: Paris

Country: France

I was Senior physician in the department of Nuclear Medicine in charge of Nuclear Cardiology. I was also teaching Biophysics at the Faculty of Medicine and coordinating pre-clinical and clinical projects in the department focused on new technologies for cardiovascular imaging.

Lecturer in medicine

Klinikum rechts der Isar [01/09/2013 – 30/10/2015]

City: München

Country: Germany

I was in charge of Nuclear Cardiology in the department of Nuclear Medicine and coordinated several research pre-clinical and clinical research projects focused on cardiovascular imaging and PET-MRI.

Senior Consultant

Assistance Publique - Hôpitaux de Paris [01/11/2009 – 31/08/2013]

City: Paris

Country: France

I was in charge of Nuclear Cardiology in the department of Nuclear Medicine and run several pre-clinical and clinical research projects focused on cardiovascular imaging.

Fellow in Medicine

Assistance Publique - Hopitaux de Paris [01/11/2006 – 31/10/2009]

City: Paris
Country: France

I was fellow for 2 years in the department of Cardiology and gained expertise in non-invasive cardiovascular imaging, in particular in valvular diseases and procedures. Following this fellowship in Cardiology, I became fellow for one year in the department of Nuclear Medicine and learned Nuclear Cardiology.

Research Fellow

Mount Sinai Hospital [01/02/2005 – 31/10/2006]

City: New York
Country: United States

I was research fellow in the Imaging Science Laboratories and developed new contrast agents for CT, MRI and PET for the imaging of atherosclerotic plaques.

Resident in Cardiology

Assistance Publique - Hopitaux de Paris [01/11/1999 – 31/10/2004]

City: Paris
Country: France

I was resident in Cardiology and learned clinical cardiology as well as invasive and non-invasive imaging techniques.

Education and training

Habilitation

University Paris Diderot [01/03/2017]

Address: 75010 Paris (France)

PhD

University Paris Diderot [15/12/2010]

Address: 75010 Paris (France)

Specialist in Nuclear Medecine

Ordre des Médecins [10/10/2014]

Address: Paris (France)

Doctor in Medecine

University Paris Diderot [10/01/2005]

Address: Paris (France)

Specialist in Cardiology

Ordre des Médecins [10/01/2005]

Address: Paris (France)

Physician

Faculty of Medecine Paris Ouest, University Paris Descartes [01/09/1993 – 31/10/1999]

Address: Paris (France)

Additional information

Publications

Role of FFR-CT for the Evaluation of Patients With Anomalous Aortic Origin of Coronary Artery.

[2020]

JACC Cardiovasc Imaging. 2020 Nov 12:S1936-878X(20)30893-7.

Ferrag W, Scalbert F, Adjedj J, Dupouy P, Ou P, Juliard JM, Farnoud R, Benadji AA, Du Fretay XH, Wijns W, Aubry P, Hyafil F.

Remote monitoring of cardiac implanted electronic devices: legal requirements and ethical

principles - ESC Regulatory Affairs Committee/EHRA joint task force report.

[2020]

Europace. 2020 Nov 1;22(11):1742-1758.

Nielsen JC, Kautzner J, Casado-Arroyo R, Burri H, Callens S, Cowie MR, Dickstein K, Drossart I, Geneste G, Erkin Z, Hyafil F, Kraus A, Kutylifa V, Marin E, Schulze C, Slotwiner D, Stein K, Zanero S, Heidbuchel H, Fraser AG.

Diagnostic and therapeutic strategies for small abdominal aortic aneurysms.

[2011]

Nat Rev Cardiol. 2011;8: 338-47.

Klink A, Hyafil F, Rudd J, Faries P, Fuster V, Mallat Z, Meilhac O, Mulder WJ, Michel JB, Ramirez F, Storm G, Thompson R, Turnbull IC, Egado J, Martín-Ventura JL, Zaragoza C, Letourneur D, Fayad ZA.

Multimodal assessment of the aortic annulus diameter: implications for transcatheter aortic valve implantation.

[2010]

J Am Coll Cardiol. 2010;55:186-94.

Messika-Zeitoun D, Serfaty JM, Brochet E, Ducrocq G, Lepage L, Detaint D, Hyafil F, Himbert D, Pasi N, Laissy JP, Iung B, Vahanian A.

Strategies for radiation dose reduction in nuclear cardiology and cardiac computed tomography imaging : a report from the European Association of Cardiovascular Imaging (EACVI), the Cardiovascular Committee of European Association of Nuclear Medicine (EANM), and the European Society of Cardiovascular Radiology (ESCR).

[2018]

Eur Heart J. 2018 ; 21;39(4):286-296.

Gimelli A, Achenbach S, Buechel RR, Edvardsen T, Francone M, Gaemperli O, Hacker M, Hyafil F, Kaufmann PA, Lancellotti P, Nieman K, Pontone G, Pugliese F, Verberne HJ, Gutberlet M, Bax JJ, Neglia D.

Flow-mediated dilatation test using optoacoustic imaging: a proof-of-concept.

[2017]

Biomed Opt Express. 2017 ; 23;8:3395-3403.

Karlas A, Reber J, Diot G, Bozhko D, Anastasopoulou M, Ibrahim T, Schwaiger M, Hyafil F, Ntziachristos V.

High-risk plaque features can be detected in non-stenotic carotid plaques of patients with ischaemic stroke classified as cryptogenic using combined (18)F-FDG PET/MR imaging.

[2016]

Eur J Nucl Med Mol Imaging. 2016 Feb;43(2):270-279.

Hyafil F, Schindler A, Sepp D, Obenhuber T, Bayer-Karpinska A, Boeckh-Behrens T, Höhn S, Hacker M,

Nekolla SG, Rominger A, Dichgans M, Schwaiger M, Saam T, Poppert H.

Respective performances of FDG-PET and radiolabeled leukocyte scintigraphy for the diagnostic of prosthetic valve endocarditis.

[2015]

Journal of Nuclear Medicine. 2015. 55:1980-5.

Rouzet F, Chequer R; Benali K; Lepage L; Ghodbane W; Duval X; Lung B; Vahanian A; Le Guludec D; Hyafil F.

Head-to-head comparison of the diagnostic performance of Rubidium-PET and SPECT with CZT camera for the detection of myocardial ischemia in a population of women and overweight individuals.

[2020]

J Nucl Cardiol. 2020 Jun;27(3):755-768.

Hyafil F; Chequer R ; Sorbets E; Estellat C; Ducrocq F; Rouzet F; Alfaiate T; Regaieg H; Abtan J; Leygnac S;

Milliner M; Imbert L; Burg S; Ben Azzouna R; Potier L; Laouenan C; Quintin C; Roussel R; Hartemann A;

Montalescot G; Marie PY; Steg G; Le Guludec D. 

Projects

Memberships

Fellow of the European Society of Cardiology

2017 - ongoing: Member of the Regulatory Affairs Committee of the European Society of Cardiology.

Member of the ESC Task Force on the regulation of remote monitoring of cardiac implantable electronic devices.

Co-Chair of the ESC Task Force on the regulation of imaging systems and medical softwares.

Other Relevant Information