

Vanessa M. Ferreira, SB MD DPhil FRCPC FHEA FSCMR

PROFESSIONAL APPOINTMENTS & POSITIONS

2018-now	British Heart Foundation Associate Professor of Cardiovascular Medicine, University of Oxford
2018-now	Fellow and Member of the Governing Body, Lady Margaret Hall, University of Oxford
2016	Associate Professor of Cardiovascular Medicine, University of Oxford
2016-2019	Society for Cardiovascular Magnetic Resonance (SCMR), Board of Trustees
2015-now	Deputy Director, University of Oxford Centre for Clinical Magnetic Resonance Research, Honorary Consultant Cardiologist, Division of Cardiovascular Medicine, RDM, University of Oxford, UK
2013-2015	Senior Clinical Staff Scientist, Division of Cardiovascular Medicine, RDM, University of Oxford

EDUCATION & PROFESSIONAL TRAINING

2017	Postgraduate Diploma in Learning and Teaching in Higher Education (PGDipLATHE)
2008-2013	Doctor of Philosophy in Cardiovascular Medicine, University of Oxford, Oxford, UK
2005-2008	Cardiology Resident, University of Calgary, Calgary, AB, Canada
2002-2005	Internal Medicine Resident, University of British Columbia, Vancouver, BC, Canada
2002	Doctor of Medicine (MD), University of British Columbia, Vancouver, BC, Canada
1998	Bachelor of Science (SB), Biology, Massachusetts Institute of Technology (MIT), Cambridge, USA

AWARDS AND HONOURS (LAST 5 YEARS)

2018	1 st Dudley J. Pennell Award for most cited JCMR paper at 2 years from publication: “Native T1 mapping Detects the Location, Extent and Patterns of Acute Myocarditis Without the Need for Gadolinium Contrast agents”
2016	Young Author Achievement Award by the Journal of American College of Cardiology Cardiovascular Imaging (Student: Liu; Mentor: V. Ferreira)
2014	Early Career Award - Clinical, SCMR 17 th Scientific Sessions
2013	Early Career Award - Best Oral Abstract, EuroCMR 11 th International Congress on CMR, Italy

GRANTS AND FELLOWSHIPS

2018	MRC grant (PI: Colin Berry; Oxford PI: V. Ferreira ; MR/S018905/1) “A Developmental Trial of Personalised Medicine for Repurposing Zibotentan, a Selective Endothelin A Receptor Blocker, in Microvascular Angina.” – total £3,392,979; Oxford £204,944 + CMR scan fees (~£108,000)
2018	Cardiac CARE trial (PI: Peter Henriksen; Oxford CMR collaborator: V. Ferreira; 04/2017-11/2020). “A multicentre prospective randomised open-label blinded end-point controlled trial of high-sensitivity cardiac troponin I-guided combination angiotensin receptor blockade and beta blocker therapy to prevent cardiac toxicity in breast cancer and lymphoma patients receiving anthracycline adjuvant therapy”. Oxford/OCMR £8400 scan fees.
2018	EPSRC/CRUK Cancer Imaging Centre Oxford (PI: G. Higgins; CMR collaborator: V. Ferreira; 2018-2021) – “Characterisation of the heart using CMR in patients with breast and other thoracic cancer receiving radiotherapy” £55,000
2018	Lymphoma Research Trust -(PI: David Cutter; Oxford CMR: Ferreira; 2018-2021) – “Characterisation of the heart using CMR imaging in patients with lymphoma receiving mediastinal radiotherapy” £48,000
2018	OBRC Imaging theme (£55,000 ; role: PI) for developing novel methods for non-invasive assessment of CAD
2017	European Society of Cardiology - Women Transforming Leadership Programme grant (value £6800)

- 2015-2018 BHF Clinical Training Research Fellowship (**£238,126**; Role: Primary Supervisor; FS/15/11/31233) "Assessment of Myocardial Ischaemia and Viability in Coronary Artery Disease using Novel Cardiac Magnetic Resonance Imaging T1-mapping techniques"
- 2015-2018 BHF Project Grant (**£287,133**; Role: Co-applicant; PI: S. Piechnik; PG/15/71/31731) "Analysis of diffuse fibrosis with T1 mapping in the CMR in Hypertrophic Cardiomyopathy (HCMR) Study"
- 2015 British Heart Foundation (BHF) Infrastructure Grant. (**£1,000,000**; PI: S. Neubauer; Role: Co-Applicant, with others). "A New State-of-the-Art 3 Tesla MR Scanner for Clinical Research in Cardiovascular Disease"
- 2014-2016 Fulford Junior Research Fellowship, Somerville College, University of Oxford
- 2014-2015 BHF Centre of Research Excellence pump-priming award (**£29,726**; PI)
- 2014-2015 National Institute for Health Research (NIHR) Oxford BRC Research Capacity Fund - Funding for clinical cardiovascular pilot projects (AC13/006; **£9960**; Role: PI)
- 2008-2012 Alberta Heritage Foundation for Medical Research, Clinical Fellowship (Total **\$CDN 199,000**) – for pursuit of DPhil at University of Oxford
- 2008-2011 University of Oxford (Oxford, UK) – Clarendon Fund Full Scholarship (Total **£119,400**) - for pursuit of DPhil at University of Oxford (top 5% applicants)

PUBLICATIONS (ORCID ID: 0000-0002-0046-7634)

H-Index 27, Selection from total 54 papers, 3679 Citations (May 2019):

RECENT 5 PUBLICATIONS

1. **VM Ferreira** et al. "Cardiovascular magnetic resonance in nonischemic myocardial inflammation: expert recommendations". Journal of the American College of Cardiology November 2018; 72(24): 3158-3176.
2. **VM Ferreira**. Invited Editorial: "T1-mapping of the remote myocardium - when normal is not normal", Journal of the American College of Cardiology 2018 Feb 20;71(7):779-781.
3. **VM Ferreira**. Invited Editorial: "CMR Mapping For Myocarditis: Coming Soon to a Center Near You". Journal of the American College of Cardiology: Cardiovascular Imaging 2018 Feb 9.
4. **VM Ferreira**, SK Piechnik. Invited Editorial: "T1 or ECV? Depends on the methods." Journal of the American College of Cardiology: Cardiovascular Imaging. Accepted for publication 2018 Oct 02
5. Messroghli DR, Moon JC, **Ferreira VM** et al. Clinical recommendations for cardiovascular magnetic resonance mapping of T1, T2, T2* and extracellular volume: A consensus statement by the Society for Cardiovascular Magnetic Resonance (SCMR) endorsed by the European Association for Cardiovascular Imaging (EACVI). J Cardiovasc Magn Reason 2017; 19:75.

ADDITIONAL 5 SELECTED PUBLICATIONS

1. **Ferreira VM** et al. "Pheochromocytoma is Characterized By Catecholamine Myocarditis, Focal and Diffuse Fibrosis, and Persistent Subclinical Systolic and Diastolic Dysfunction". J Am Coll Cardiol 2016; 67(20):2364-2374.
2. Liu A, Wijesurendra RS, Francis JM, Robson MD, Neubauer S, Piechnik SK, **Ferreira VM**. "Adenosine stress and rest T1-mapping can differentiate between ischemic, infarcted, remote and normal myocardium without the need for gadolinium contrast agents" JACC Cardiovasc Imaging 2016; 9(1): 27-36.
3. **VM Ferreira**; SK Piechnik et al. Native T1-mapping detects the location, extent and patterns of acute myocarditis without the need for gadolinium contrast agents. J Cardiovasc Magn Reason 2014, 16:36
4. **VM Ferreira**; SK Piechnik et al. T1-mapping for the Diagnosis of Acute Myocarditis Using Cardiovascular Magnetic Resonance - Comparison to T2-weighted and Late Gadolinium Enhanced Imaging. JACC Cardiovasc Imaging. 2013 Oct;6(10):1048-58.
5. **VM Ferreira**; SK Piechnik et al. Non-Contrast T1-Mapping Detects Acute Myocardial Edema with High Diagnostic Accuracy: A Comparison to T2-weighted Cardiovascular Magnetic Resonance Imaging. J Cardiovasc Magn Reason 2012, 14:42.

INVITED LECTURES: 76 (mostly international)