

# ESR Electronic Elections 2022

Candidacy for the position of:  
*ESR Research Committee Chair*

## **Ferdia Gallagher PhD FRCP FRCR**

Professor of Translational Imaging  
Honorary Consultant Radiologist  
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<https://radiology.medschl.cam.ac.uk/about-us/departmental-staff/academic-staff/professor-ferdia-a-gallagher/>

## **Curriculum Vitae**

### Positions

Professor of Translational Imaging, University of Cambridge, 2020.  
Cancer Research UK Senior Cancer Research Fellow, University of Cambridge, 2019.  
Reader in Molecular Imaging, University of Cambridge, 2017.  
Honorary Consultant Radiologist and Clinician Scientist, Addenbrooke's Hospital Cambridge,  
and the University of Cambridge, 2010.

### Qualifications

Undergraduate:	BA 1996 (first class), MA 2000, University of Cambridge.
Clinical:	BM BCh 1999, University of Oxford.
Medicine:	MRCP 2002, FRCP 2018, Royal College of Physicians UK.
Radiology:	FRCR 2005, Royal College of Radiologists UK.
Postgraduate:	PhD 2010, University of Cambridge.

### Selected Awards and Honours

- Garmisch-Partenkirchen MRI Prize for outstanding achievements in the field of MRI, 2021.
- Emerging Leaders Club, International Society for Strategic Studies in Radiology, 2020.
- Adjunct Professor, Medical University of Vienna, 2019.
- International Society for Magnetic Resonance in Medicine (ISMRM) Outstanding Teacher Awards, 2012 & 2016.
- American Association for Cancer Research future leader award, 2009.

### Publications

>110 peer reviewed publications; >7000 citations; 12 book chapters; book editor.

Lead (first/senior) authorship in journals including: *Nature*, *Nature Communications*, *Cancer Research*, *European Radiology*, *PNAS*, *MRM*, *Investigative Radiology*, *Neuroimage*, *Journal for Immunotherapy of Cancer*, *Annals of Oncology*, *Clinical Cancer Research*.

Co-authorships including: *Nature Medicine*, *Nature Genetics*, *Nature Reviews Clinical Oncology*, *Science Translational Medicine*.

## Grants and Funding Bodies

~£6M GBP grants as Principal Investigator; ~£5M GBP multicentre grants as local lead.  
~£12M GBP grants as Co-Investigator; >£5M GBP imaging equipment funding.  
Including CRUK Senior Cancer Research Fellowship (£2.2M GBP).

Cancer Research UK (CRUK) New Investigator Committee, 2016-18, 2019-20.

CRUK Research Committee, 2015-18.

CRUK Expert Review panel for Research Careers Committee, 2021.

Wellcome Trust Science Interview Panel, 2021.

## Education/Training

- Director of the Radiology Academic Clinical Fellow Programme in Cambridge, 2011-19:  
Trained 23 academic radiologists in the programme.
- ESOR tutor.
- Two international teaching prizes from ISMRM.
- Supervised/co-supervised 17 PhD/MD students and 10 post-docs/senior researchers.  
Undertaken numerous PhD/MD/MPhil examinations.
- My students have won >20 prizes in the last 6 years.

## Selected leadership positions

- EIBIR Scientific advisory board, 2021-22.
- Chair of the Clinical Committee and Board of Trustees, World Molecular Imaging Society, 2021.
- Royal College of Radiologists (RCR) Clinical Radiology representative, Academy of Medical Royal Colleges UK Genomics Professional Partnerships Group, 2017-21.
- Chair/Vice-chair/Secretary, ISMRM MR of Cancer study group, 2015-19.
- RCR Molecular Imaging Working Group, 2012.

## Lecturing

13 International Plenary/Keynote lectures.

~100 International/national invited lectures.

Public outreach: BBC national and local radio, BBC website, Hay Literary festival.

## Conference organization

Programme co-chair, World Molecular Imaging Congress, 2019.

Organising committee for ~30 international/national scientific conferences.

## **Involvement in the ESR and ECR so far**

### ESR and subsocieties

- Executive Committee, European Society for Hybrid, Molecular & Translational Imaging (ESHI), 2018-20, 2020-22.
- Chair, Research Committee of ESHI, 2018-20.
- ESR Research Committee Board, 2016-18, 2018-20.
- ESR Education Committee, 2016-18.
- ESR Annual Leadership Meeting, 2017-19.
- Vice-president, European Society of Molecular and Functional Imaging in Radiology Executive Board, 2016-17.
- Executive committee, European Society of Molecular and Functional Imaging in Radiology, 2012-14, 2014-18.
- ESR Subcommittee for Molecular Imaging, 2009-12.

### ECR

- Scientific Programme Subcommittee, Programme Planning Committee, 2021, 2022.
- Postgraduate Education Programme Subcommittee, Programme Planning Committee, 2019, 2020.
- Chair, Molecular Imaging Scientific Subcommittee, 2017.
- ECR scientific subcommittee membership, 2013-15.
- >15 invited lectures at ECR/ESR scientific meetings.
- Invest in Youth Award, 2006.

### European Radiology

- Editorial Board member, 2013-15, 2015-16.

## Personal Statement

I was introduced to the European Congress of Radiology as a radiology trainee in 2006, thanks to the highly successful Invest in Youth Programme. This catalyzed a very productive and rewarding relationship with the ESR/ECR over the last 15 years, which has had a major impact on my career, both as a clinical radiologist and an academic. I was one of the founding members of the European Society of Molecular and Functional Imaging in Radiology which merged with the European Society of Hybrid Imaging (ESHI), and I have held leadership positions in both societies. I have chaired the ESHI Research Committee and sat on the ESR Research Committee Board for two terms, as well as the Education Committee. For many years I have been involved in the planning of ECR in a variety of roles, including the Postgraduate Education Programme, and the Scientific Programme Subcommittees.

My interest in imaging research led me to undertake a PhD in metabolic MRI before completing radiology training and specialising in oncological imaging. **I am committed to research excellence, the application of new imaging approaches to improve patient care and training the next generation of radiologists to undertake research.** Educating and inspiring radiologists in all aspects of imaging research is key to the development of our specialty. This is particularly important for radiology as our field is so rapidly evolving with the advent of new imaging technologies, the increasing use of artificial intelligence in patient care, and competition from non-imaging methods. **Training the radiology researchers of the future would be an important emphasis of the Research Committee under my leadership.**

I currently lead a clinical research group in the University of Cambridge, developing new imaging methods for early cancer detection, to improve patient stratification, and to personalise treatment and response to therapy. I have supervised and trained many postgraduate students, academic radiology trainees, ESOR scholars, and have won international prizes for both research and teaching. Our group consists of a diverse group of researchers, including radiologists and scientists from across Europe (e.g. Austria, Germany, Ireland, Italy, Portugal, Russia, Slovenia, Switzerland, UK), all passionate about using these novel and emerging tools to improve healthcare and patient outcomes. Successful and impactful research is increasingly multidisciplinary and multinational in nature, and therefore building research networks and supporting research collaborations across Europe are essential to make this successful. The ESR has a key role to play in delivering this important aim, as a diverse and inclusive organisation. **If elected to the position as Chair of the Research Committee, a key priority will be to develop and promote research collaboration across Europe.**