

Curriculum Vitae

Antti Saraste

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Date of Birth

January 9, 1973, Finland

Present Position and Address

- Professor of Cardiology, Department of Clinical Medicine, University of Turku, Turku, Finland
- Chief Physician, Heart Center, Turku University Hospital, Turku, Finland
- MD, PhD, Specialist in Cardiology
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Training and Education

- Professor in Cardiology September 1, 2020, University of Turku, Finland
- Associate Professor in Cardiovascular Medicine (tenure track) September 1, 2012 to August 31, 2020 University of Turku, Finland
- Specialist in Cardiology June 25, 2007, University of Turku, Finland
- Docent in Cardiology March 16, 2007, University of Turku, Finland
- Licentiate of Medicine (MD) May 30, 2000, University of Turku, Finland
- Last training on GCP: September 25, 2018
- European Association of Echocardiography Certification in Transthoracic Echocardiography January 27, 2011

Post Graduate Degrees

- PhD, Doctor of Medical Sciences May 30, 2000, University of Turku, Finland

European Society of Cardiology Activities

- Member of the EACVI Education Committee 2019-2021
- Member of the ESC Grants committee 2016-2018
- Member of the ESC e-Communication Committee 2016-2018
- Member of The Task Force for Preoperative Cardiac Risk Assessment and Perioperative Cardiac Management in Non-cardiac Surgery of ESC clinical practice guidelines 2013-2014
- Member of The Task Force for Diagnosis and Management of Chronic Coronary Syndromes of ESC 2017-2019
- Associate editor for the European Heart Journal Cardiovascular Imaging 2015-
- Editorial board member for European Heart Journal-Cardiovascular Imaging 2012-

Other National and International Scientific Committee Participation

- Member of the European Association of Nuclear Medicine Cardiovascular Committee 2019-
- Board member of the Cultural Foundation of South-Western Finland 2013-

- Member of the scientific advisory board of the Finnish Foundation for Cardiovascular Research 2018-
- Chair of organizing committee of Nordic Cardiac Imaging meeting 2015, Turku, Finland
- Finnish Cardiac Society, Member of the Board 2012-2016
- Finnish Cardiac Society, Secretary 2014-2016
- Finnish Cardiac Society, WG of Echocardiography, Vice Chairperson 2009-2010
- Finnish Cardiac Society, WG of Echocardiography, Chairperson 2011-2012
- Finnish Cardiac Society, WG of Cardiovascular Imaging, Secretary 2017-2018
- Finnish Cardiac Society, WG of Cardiovascular Imaging, Chairperson 2019-2020
- Finnish Cardiac Society, WG of Cardiovascular Imaging, Past Chairperson 2021-2022
- Task force member of Finnish clinical practice guidelines: Diagnosis of myocardial infarction 2013
- Task force member of Finnish clinical practice guidelines: Treatment of stable angina pectoris 2014-2015
- Editorial board member for Journal of Nuclear Cardiology 2018-

Fellowships / Honours

- Fellowship of the European Society of Cardiology (FESC) 2017-
- First prize in Cardiovascular Council Young Investigator Award Session, Society of Nuclear Medicine (SNM) annual meeting 2009, Toronto, Canada
- Pauli Soisalo – award of Finnish Foundation for Cardiovascular Research for Young and Distinguished Scientist in the Field of Cardiovascular Diseases in Finland 2006, Finland
- Winner of Young Investigators Award in Euroecho 2005, Florence, Italy
- First prize in Young Investigators Award Competition in XVth Nordic Congress of Cardiology 1997, Tampere, Finland

Research supervision and leadership experience

- 13 supervised PhD theses
- Director of Doctoral Programme in Clinical Research, University of Turku, Finland 2015-
- Chairman of the Clinical research tract program, University of Turku, Finland 2015-
- 7 times external PhD thesis reviewer; 4 times external Docent application reviewer; 8 times PhD thesis opponent
- Panel member for International Evaluation of the Doctoral School in Medicine Biomedical Science and Technology, Aalborg University, Denmark September 10-11, 2018
- Evaluator of research applications in competition for the Swedish Research Council 2017-2019, the Dutch Heart Foundation 2019, the European Society of Cardiology 2017-2018, the Cultural Foundation of Finland 2016 and 2017, the Finnish Foundation for Cardiovascular Research 2018, 2019 and 2020

Scientific publications

- 186 Original scientific articles in peer reviewed international scientific journals
- 63 review articles in peer reviewed international scientific journals
- 7 articles in peer reviewed scientific national journals
- 18 Other articles in professional journals
- 22 Book chapters
- H-index 42 (Web of science)

5 relevant publications:

Knuuti J, Wijns W, **Saraste A**, Capodanno D, Barbato E, Funck-Brentano C, Prescott E, Storey RF, Deaton C, Cuisset T, Agewall S, Dickstein K, Edvardsen T, Escaned J, Gersh BJ, Svitil P, Gilard M, Hasdai D, Hatala R,

Mahfoud F, Masip J, Muneretto C, Valgimigli M, Achenbach S, Bax JJ; ESC Scientific Document Group. 2019 ESC Guidelines for the diagnosis and management of chronic coronary syndromes. *Eur Heart J*. 2020;41:407-477.

Bularga A, **Saraste A**, Fontes-Carvalho R, Holte E, Cameli M, Michalski B, Williams MC, Podlesnikar T, D'Andrea A, Stankovic I, Mills NL, Manka R, Newby DE, Schultz-Menger J, Haugaa KH, Dweck MR. EACVI survey on investigations and imaging modalities in chronic coronary syndromes. *Eur Heart J Cardiovasc Imaging*. 2021;22:1-7.

Slart RHJA, Williams MC, Juarez-Orozco LE, Rischpler C, Dweck MR, Glaudemans AWJM, Gimelli A, Georgoulas P, Gheysens O, Gaemperli O, Habib G, Hustinx R, Cosyns B, Verberne HJ, Hyafil F, Erba PA, Lubberink M, Slomka P, Išgum I, Visvikis D, Kolossváry M, **Saraste A**. Position paper of the EACVI and EANM on artificial intelligence applications in multimodality cardiovascular imaging using SPECT/CT, PET/CT, and cardiac CT. *Eur J Nucl Med Mol Imaging*. 2021;48:1399-1413.

Sciagrà R, Lubberink M, Hyafil F, **Saraste A**, Slart RHJA, Agostini D, Nappi C, Georgoulas P, Bucnerius J, Rischpler C, Verberne HJ; Cardiovascular Committee of the European Association of Nuclear Medicine (EANM). EANM procedural guidelines for PET/CT quantitative myocardial perfusion imaging. *Eur J Nucl Med Mol Imaging*. 2021;48:1040-1069.

Slart RHJA, Glaudemans AWJM, Gheysens O, Lubberink M, Kero T, Dweck MR, Habib G, Gaemperli O, **Saraste A**, Gimelli A, Georgoulas P, Verberne HJ, Bucnerius J, Rischpler C, Hyafil F, Erba PA; 4Is Cardiovascular Imaging: a joint initiative of the European Association of Cardiovascular Imaging (EACVI) and the European Association of Nuclear Medicine (EANM). Procedural recommendations of cardiac PET/CT imaging: standardization in inflammatory-, infective-, infiltrative-, and innervation- (4Is) related cardiovascular diseases: a joint collaboration of the EACVI and the EANM: summary. *Eur Heart J Cardiovasc Imaging*. 2020;21:1320-1330.

Major Research Interest

- Clinical and translational research on non-invasive imaging in cardiovascular disease.

Research funding (ongoing)

- Finnish Foundation for Cardiovascular Research “Molecular imaging of ischemic heart disease and heart failure: New imaging biomarkers for clinical translation”
- Clinical Research Funds of Turku University Central Hospital
- Juselius foundation
- The Academy of Finland project funding “Molecular imaging of ischemic heart disease: New imaging biomarkers for clinical translation” (2017-2022) and “Molecular imaging of cardiac inflammation” (2021-2025)