

ESC Declaration of Interest Report

2020 ESC Guidelines for the management of acute coronary syndromes in patients presenting without persistent ST-segment elevation

The ESC reviews relationships with industry and encourages transparency and ethical integrity.

It is mandatory for all experts involved in Guidelines development to comply with the ESC Declaration and Management of Conflict of Interest Policy. Under this policy, they are required to submit yearly Declaration of Interest (DOI) forms during the writing and reviewing phases of the Guidelines.

All DOIs are assessed prior to work commencing, and the ESC may decide to exclude any expert from a Guidelines activity based on the exclusion criteria as defined in the <u>ESC Declaration and Management of Conflict of Interest Policy</u> and accompanying <u>2012 ESC Policy statement : Relations between professional medical associations and the health-care industry, concerning scientific communication and continuing medical education.</u>

Any form of the following characteristics may disqualify an individual from serving on a Guidelines committee, if related to the guideline topic:

- Part-time employment or salary
- Stock ownership
- Holding of a patent which generates revenues
- Receipt of royalties for intellectual property

The following additional characteristics may also disqualify an individual for the positions of CPG Chairperson, Guidelines Task Force Chairperson and Guidelines Review Coordinator:

- Personally received payments from healthcare industry of 10,000€ or higher per year.
- Payments from healthcare industry of 10,000€ or higher per year, made to one's institution/hospital or to other legal bodies which have generated a direct or indirect personal benefit/asset.



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Barbato Emanuele	2018 Financial Declaration
	Direct personal payment as it applies to you and your spouse/partner or any other member of your household, or any entity controlled directly or indirectly by any of above persons: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member etc. from healthcare industry. - Boston Scientific: Speaker fees
	- Abbott Vascular : Speaker fees
	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - GE Healthcare: Coronary physiology
	- Abbott Vascular : Coronary physiology
	- Boston Scientific : Treatment of calcified coronary lesions
Barthelemy Olivier	2018
	Nothing to be declared
	2019 Financial Declaration
	Travel and meeting support from healthcare industry, independent of the above activities. For yourself - Amgen: Cardiology (ESC congress)
	- Bayer Healthcare : CTO (MLCTO meeting)
	- Boston Scientific : CTO (workshop)
	- Cardinal health : PCI / TAVI (High Tech meeting)



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Expert	Type of Relationship with Industry
Bauersachs Johann	2018 Financial Declaration
	Direct personal payment as it applies to you and your spouse/partner or any other member of your household, or any entity controlled directly or indirectly by any of above persons: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. from healthcare industry. - Daiichi Sankyo: ACS, Afib
	- Orion : Acute Heart Failure
	- Abiomed : acute heart failure
	- Boehringer-Ingelheim : Afib, Diabetes mellitus, Heart Failure
	- Bayer : Afib, heart failure
	- Bristol Myers Squibb : Afib, heart failure
	- Merck Sharp & Dohme : CAD, Hypercholesterolemia, heart failure
	- Abbott : Heart Failure
	- Medtronic : Heart Failure
	- Servier : Heart Failure
	- CVRx : Heart Failure
	- Pfizer : Heart Failure, Afib
	- Biotronik : Heart Failure, CAD
	- Vifor International : heart failure, hyperkalemia
	- Astrazeneca : heart failure, hyperkalemia
	- Novartis : Hypertension, Heart Failure
	Research funding under your direct/personal responsibility (to department or institution) from healthcare industry Zoll Medical: Arrhythmia
	- Medtronic : CAD, heart failure



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Expert		Type of Relationship with Industry
Bauersachs Johann	2018	- Abiomed : cardiogenic shock
		- Vifor International : Heart failure
		- CVRx : Heart Failure
		- Bayer : heart failure, CAD
	2019	Financial Declaration
		Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Abiomed: acute heart failure
		- Daiichi Sankyo : Afib
		- Pfizer : Afib, Amyloidosis
		- Boehringer-Ingelheim : Afib, Diabetes mellitus, Heart Failure
		- Bayer : Afib, heart failure
		- Bristol Myers Squibb : Afib, heart failure
		- Merck Sharp & Dohme : CAD, Hypercholesterolemia, heart failure
		- Abbott : Heart Failure
		- Medtronic : Heart Failure
		- Novartis : Heart Failure
		- Servier : Heart Failure
		- CVRx : Heart Failure
		- Vifor International : heart failure, hyperkalemia
		- Astrazeneca : heart failure, hyperkalemia
		Research funding from healthcare industry under your direct/personal responsibility (to department or institution). For yourself - Zoll Medical: Arrhythmia

28/08/2020 4/87



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Expert		Type of Relationship with Industry
Bauersachs Johann	2019	- Abiomed : cardiogenic shock
		- Vifor International : Heart failure
		- CVRx : Heart Failure
Bhatt Deepak	2018	Financial Declaration
		Direct personal payment as it applies to you and your spouse/partner or any other member of your household, or any entity controlled directly or indirectly by any of above persons: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. from healthcare industry. - Tobesoft: Board of Directors
		- WebMD : CME steering committees, CME programs
		- Population Research Institute, McMaster, Hamilton, Canada : COMPASS Trial Steering Committee; DSMBs
		- Mayo Clinic : DSMB
		- Mount Sinai : DSMB
		- Cleveland Clinic Research Foundation : DSMB member
		- Baim Clinical Research Institute : DSMB, Executive Committee
		- Harvard Medical School : Editor, in Chief, Harvard Heart Letter
		- American College of Cardiology : Senior Associate Editor, Clinical Trials and News, ACC.org; Vice-Chair, ACC Accreditation Committee; JACC Guest Editor; JACC Associate Editor
		- Duke Clinical Research Institute : Trial Steering Committees and DSMB
		Receipt of royalties for intellectual property Elsevier : Editor, Cardiovascular Intervention: A Companion to Braunwald's Heart Disease
		Research funding under your direct/personal responsibility (to department or institution) from healthcare industry Pfizer: Arthritis Clinical Trial Steering Committee
		- Forest Laboratories : ASCEND COPD CEC Chair
		- Ischemix : CARIN Chair

28/08/2020 5/87



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Expert		Type of Relationship with Industry
Bhatt Deepak	2018	- Chiesi Pharma : CHAMPION Trials co-PI - cangrelor
		- Medicines Company : CHAMPION Trials co-PI - not currently active - cangrelor
		- Lilly : Clinical Trial Executive Committee
		- Ironwood : Clinical Trial Planning
		- Synaptic : Clinical Trial Planning
		- Bayer : COMPASS Trial Steering Committee, US National Co-Leader, Publications Committee - paid by PHRI - rivaroxaban
		- Amgen : GOULD Trial Steering Committee - PCSK9 inhibitors
		- Eisai : LANCELOT Trials co-PI - not currently active
		- Regeneron : ODYSSEY Outcomes Executive Committee - PCSK9 inhibitor
		- Sanofi Aventis : ODYSSEY Outcomes Trial Executive Committee - PCSK9 inhibitor; SCORED Trial Chair - sotagliflozin
		- Amarin : PI of REDUCE IT Trial - icosapent ethyl
		- Roche Pharma : Planning for clinical trial - not currently active
		- Boehringer-Ingelheim : REDUAL-PCI Executive Committee - paid by Baim Clinical Research Institute - dabigatran
		- Bristol Myers Squibb : SAVOR-TIMI 53 Trial co-PI - saxagliptin
		- Ethicon Endo Surgery GmbH : STAMPEDE Trial co-PI - bariatric surgery
		- Idorsia : Steering Committee
		- PhaseBio : Steering Committee Chair - ticagrelor reversal agent
		- Medtronic : SYMPLICITY HTN 3 co-PI - renal denervation
		- Astra Zeneca : THEMIS Trial co-PI - ticagrelor
		- Abbott Vascular : Xience Short DAPT Trial Executive Committee
	0	other Positions of Influence
		Employment in healthcare industry (including part time) during the year for which you are declaring Salary paid for by Brigham and Women's Hospital (part of Partners Healthcare System).



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Expert		Type of Relationship with Industry
Bhatt Deepak	2018	Membership or affiliation in political or advocacy groups working in the field of cardiology. - Board of Directors: Boston VA Research Institute, Society of Cardiovascular Patient Care; Chair: American Heart Association Quality Oversight Committee; American College of Cardiology (Senior Associate Editor, Clinical Trials and News, ACC.org; Vice-Chair, ACC Accreditation Committee),; Journal of the American College of Cardiology (Guest Editor; Associate Editor); Clinical Cardiology (Deputy Editor), NCDR-ACTION Registry Steering Committee (Chair), VA CART Research and Publications Committee (Chair) Any other interest (financial or otherwise) that should be declared in view of holding an ESC position. - Please find my complete list of disclosures below, largely overlapping with other parts of this form: Dr. Deepak L. Bhatt discloses the
		Frieses into this Complete ist of disclosures below, largery overlapping with other parts of this form. Dr. Deepak E. Bratt discloses the following relationships - Advisory Board: Cardax, Elsevier Practice Update Cardiology, Medscape Cardiology, PhaseBio, Regado Biosciences; Board of Directors: Boston VA Research Institute, Society of Cardiovascular Patient Care, TobeSoft; Chair: American Heart Association Quality Oversight Committee; Data Monitoring Committees: Baim Institute for Clinical Research (formerly Harvard Clinical Research Institute, for the PORTICO trial, funded by St. Jude Medical, now Abbott), Cleveland Clinic (including for the ExCEED trial, funded by Edwards), Duke Clinical Research Institute, Mayo Clinic, Mount Sinai School of Medicine (for the ENVISAGE trial, funded by Daiichi Sankyo), Population Health Research Institute; Honoraria: American College of Cardiology (Senior Associate Editor, Clinical Trials and News, ACC.org; Vice-Chair, ACC Accreditation Committee), Baim Institute for Clinical Research (formerly Harvard Clinical Research Institute; RE-DUAL PCI clinical trial steering committee), Baim Institute for Clinical Research (formerly Harvard Clinical Research Institute), Duke Clinical trial steering committee funded by Boehringer Ingelheim), Belvoir Publications (Editor in Chief, Harvard Heart Letter), Duke Clinical Research Institute (clinical trial steering committees), HMP Global (Editor in Chief, Journal of Invasive Cardiology), Journal of the American College of Cardiology (Guest Editor; Associate Editor), Population Health Research Institute (For the COMPASS operations committee, publications committee, steering committee, and USA national co-leader, funded by Bayer), Slack Publications (Chief Medical Editor, Cardiology Today's Intervention), Society of Cardiovascular Patient Care (Secretary/Treasurer), WebMD (CME steering committees); Other: Clinical Cardiology (Deputy Editor), NCDR-ACTION Registry Steering Committee (Chair), VA CART Research and Publications Committee (Chair); R
	2019 F	Financial Declaration
		Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Tobesoft: Board of Directors

28/08/2020 7/87



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Expert	Type of Relationship with Industry
Bhatt Deepak	2019 - Medtelligence/ReachMD : CME steering committee
	- WebMD : CME steering committees, CME programs
	- Mayo Clinic : DSMB
	- Cleveland Clinic Research Foundation : DSMB member including for the ExCEED trial, funded by Edwards
	- Mount Sinai : DSMB, ENVISAGE trial, funded by Daiichi Sankyo
	- Baim Clinical Research Institute : DSMB, PORTICO trial, funded by St. Jude Medical, now Abbott; RE-DUAL PCI clinical trial steering committee funded by Boehringer Ingelheim; AEGIS-II executive committee funded by CSL Behring
	- HMP Global : Editor in Chief, Journal of Invasive Cardiology
	- Harvard Medical School : Editor, in Chief, Harvard Heart Letter
	- MJH Life Sciences : Educational video recordings
	- Journal of the American College of Cardiology : Guest Editor; Associate Editor
	- American College of Cardiology : Senior Associate Editor, Clinical Trials and News, ACC.org; Vice-Chair, ACC Accreditation Committee; JACC Guest Editor; JACC Associate Editor
	- Duke Clinical Research Institute : Trial Steering Committees and DSMB; Steering Committee, PRONOUNCE trial, funded by Ferrin Pharmaceuticals
	- Population Research Institute, McMaster, Hamilton, Canada : Trial Steering Committees, including the COMPASS operations committee, publications committee, steering committee, and USA national co-leader, funded by Bayer; DSMBs
	Receipt of royalties for intellectual property.For yourself - Elsevier : Editor, Cardiovascular Intervention: A Companion to Braunwald's Heart Disease
	Research funding from healthcare industry under your direct/personal responsibility (to department or institution).For yourself - Pfizer : Arthritis Clinical Trial Steering Committee
	- Forest Laboratories : ASCEND COPD CEC Chair
	- Ischemix : CARIN Chair
	- Chiesi Pharma : CHAMPION Trials co-PI - cangrelor
	- Medicines Company : CHAMPION Trials co-PI - not currently active - cangrelor



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Expert	Type of Relationship with Industry
Bhatt Deepak	2019 - Lilly : Clinical Trial Executive Committee
	- Ironwood : Clinical Trial Planning
	- Synaptic : Clinical Trial Planning
	- Cardax : Clinical trial planning
	- Bayer : COMPASS Trial Steering Committee, US National Co-Leader, Publications Committee - paid by PHRI - rivaroxaban
	- Amgen : GOULD Trial Steering Committee - PCSK9 inhibitors
	- CSL Behring : Honoraria from Baim Institute for Clinical Research (formerly Harvard Clinical Research Institute; AEGIS-II executive committee funded by CSL Behring),
	- Eisai : LANCELOT Trials co-PI - not currently active
	- Regeneron : ODYSSEY Outcomes Executive Committee - PCSK9 inhibitor
	- Sanofi Aventis : ODYSSEY Outcomes Trial Executive Committee - PCSK9 inhibitor; SCORED and Soloist Trial Chair - sotagliflozin
	- Afimmune : Phase 2 Trial Chair
	- Amarin : PI of REDUCE IT Trial - icosapent ethyl
	- Roche Pharma : Planning for clinical trial - not currently active
	- Boehringer-Ingelheim : REDUAL-PCI Executive Committee - paid by Baim Clinical Research Institute - dabigatran
	- Bristol Myers Squibb : SAVOR-TIMI 53 Trial co-PI - saxagliptin
	- Lexicon : SCORED and Soloist Trial Chair - sotagliflozin
	- Ethicon Endo Surgery GmbH : STAMPEDE Trial co-PI - bariatric surgery
	- Idorsia : Steering Committee
	- PhaseBio : Steering Committee Chair - ticagrelor reversal agent
	- PLx Pharma : Study chair - novel aspirin formulation
	- Medtronic : SYMPLICITY HTN 3 co-PI - renal denervation
	- Astra Zeneca : THEMIS Trial co-PI - ticagrelor
	- Abbott Vascular : Xience Short DAPT Trial Executive Committee



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Expert	Type of Relationship with Industry
Bhatt Deepak 2	019
	Other Positions of Influence
	Employment in healthcare industry (including part time) during the year for which you are declaring.For yourself - On staff of Brigham and Women's Hospital, Dana-Farber Cancer Institute, VA Boston Healthcare System
	Membership or affiliation in political or advocacy groups working in the field of cardiology.For yourself - American College of Cardiology (Senior Associate Editor, Clinical Trials and News, ACC.org; Vice-Chair, ACC Accreditation Committee)
	Any other interest (financial or otherwise) that should be declared in view of holding an ESC position. For yourself - Please see here for comprehensive listing of disclosures. Dr. Deepak L. Bhatt discloses the following relationships - Advisory Board: Cardax, Cereno Scientific, Elsevier Practice Update Cardiology, Medscape Cardiology, PhaseBio, PLx Pharma, Regado Biosciences; Board of Directors: Boston VA Research Institute, Society of Cardiovascular Patient Care, TobeSoft; Chair: American Heart Association Quality Oversight Committee; Data Monitoring Committees: Baim Institute for Clinical Research (formerly Harvard Clinical Research Institute, for the PORTICO trial, funded by St. Jude Medical, now Abbott), Cleveland Clinic (including for the ExCEED trial, funded by Edwards), Duke Clinical Research Institute, Mayo Clinic, Mount Sinai School of Medicine (for the ENVISAGE trial, funded by Daiichi Sankyo), Population Health Research Institute; Honoraria: American College of Cardiology (Senior Associate Editor, Clinical Trials and News, ACC.org; Vice-Chair, ACC Accreditation Committee), Baim Institute for Clinical Research (formerly Harvard Clinical Research Institute; RE-DUAL PCI clinical trial steering committee funded by Boehringer Ingelheim; AEGIS-II executive committee funded by CSL Behring), Belvoir Publications (Editor in Chief, Harvard Heart Letter), Duke Clinical Research Institute (clinical trial steering committees, including for the PRONOUNCE trial, funded by Ferring Pharmaceuticals), HMP Global (Editor in Chief, Journal of Invasive Cardiology), Journal of the American College of Cardiology (Guest Editor; Associate Editor), Medtelligence/ReachMD (CME steering committees), MJH Life Sciences, Population Health Research Institute (for the COMPASS operations committee, publications committee, steering committee, and USA national co-leader, funded by Bayer), Slack Publications (Chief Medical Editor, Cardiology Today's Intervention), Society of Cardiovascular Patient Care (Secretary/Treasurer), WebMD (CME



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Expert	Type of Relationship with Industry
Collet Jean-Philippe	2018 Financial Declaration
	Direct personal payment as it applies to you and your spouse/partner or any other member of your household, or any entity controlled directly or indirectly by any of above persons: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member etc. from healthcare industry. - Bristol Myers Squibb: Apixaban
	- Astra Zeneca : TICAGRELOR
	Research funding under your direct/personal responsibility (to department or institution) from healthcare industry Bristol Myers Squibb: apixaban
	- Medtronic : COREVALVE
	2019 Financial Declaration
	Timanolai Boolai allon
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself
	- Astra Zeneca : Post-PCI antiplatelet treatement
	- Bristol Myers Squibb : Post-TAVR antithrombotic treatment
	Research funding from healthcare industry under your direct/personal responsibility (to department or institution).For yourself - Boston Scientific: Post-TAVR antithrombotic treatment
	- Bristol Myers Squibb : Post-TAVR antithrombotic treatment
Dendale Paul	2018 Financial Declaration
	Payment to your department or institution or any other body like an association or similar for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. from healthcare industry. - Abbott: CV
	- Astra Zeneca : cv drugs

28/08/2020 11/87



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Expert	Type of Relationship with Industry
Dendale Paul	2018 - Daiichi Sankyo : cv medication
	- Servier : cv medication
	- Bristol Myers Squibb : cv medication
	- Therabel : cv medication
	- GE Healthcare : echocardio
	- Biotronik : efo
	- Medtronic : pm
	- Boston Scientific : stents
	2019
	Financial Declaration
	Research funding from healthcare industry under your direct/personal responsibility (to department or institution).For yourself - Abbott : drugs
	- Astra Zeneca : drugs
	- Daiichi Sankyo : drugs
	- Servier : drugs
	- Actelion : drugs
	- Bristol Myers Squibb : drugs
	- Therabel : drugs
	- GE Healthcare : echo
	- Boston Scientific : material
	- Medtronic : pm
Dorobantu Maria	2018
	Nothing to be declared



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Expert	Type of Relationship with Industry
Dorobantu Maria	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Novo-Nordisk: advisory board
	- NEOLA PHARMA SRL : advisory board
	- Sanofi Aventis : honoraria NI
	- Servier : speaker fee
	- Bayer : speaker fee ACS
	- Vifor International : steering committee and NI
	Travel and meeting support from healthcare industry, independent of the above activities.For yourself - Sanofi Aventis : esc congress
	- Servier : hypertension congress
	Receipt of royalties for intellectual property.For yourself - Springer Nature : as co-editor for book "Microcirculation -From Bench to Bedside:
Edvardsen Thor	2018
	Nothing to be declared
	2019
	Nothing to be declared



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Expert	Type of Relationship with Industry
Folliguet Thierry	2018 Financial Declaration
	Direct personal payment as it applies to you and your spouse/partner or any other member of your household, or any entity controlled directly or indirectly by any of above persons: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee membe etc. from healthcare industry. - Edwards Lifesciences: valves
	- Llvanova : valves
	Payment to your department or institution or any other body like an association or similar for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. from healthcare industry. - LIvanova: honoraria
	Research funding under your direct/personal responsibility (to department or institution) from healthcare industry Llvanova : research clinical nurse
	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - LIvanova: RCT study
	Travel and meeting support from healthcare industry, independent of the above activities.For yourself - Edwards Lifesciences: travel fees
Gale Christopher Peter	2018 Financial Declaration
	Direct personal payment as it applies to you and your spouse/partner or any other member of your household, or any entity controlled directly or indirectly by any of above persons: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee membe etc. from healthcare industry. - Astra Zeneca: ACS



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Expert		Type of Relationship with Industry
Gale Christopher Peter	2018	- Novartis : coronary artery disease
		- Bayer : coronary artery disease, AF
		- Vifor International : heart failure
		- Menarini : ischaemic heart disease
		Research funding under your direct/personal responsibility (to department or institution) from healthcare industry. - Bristol Myers Squibb : Apixiban, AF
	2019	Financial Declaration
		Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Astra Zeneca : ACS
		- Daiichi Sankyo : AF
		- Novartis : coronary artery disease
		- Bayer : coronary artery disease, AF
		- Vifor International : heart failure
		- Menarini : ischaemic heart disease
		Payment from healthcare industry to your department or institution or any other legal body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - BMS : AF
		- Abbott : Diabetes
		- National Institute for Health Research : MI
		- British Heart Foundation : MI, AF
		- Horizon 2020 : post MI sudden cardiac death



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Expert		Type of Relationship with Industry
Gale Christopher Peter	2019	
		Travel and meeting support from healthcare industry, independent of the above activities. For yourself - Daiichi Sankyo: AF
		- Bayer Healthcare : AF, CAD
		- National Institute for Health and Clinical Excellence : Indicator Advisory Committee
		Research funding from healthcare industry under your direct/personal responsibility (to department or institution).For yourself - Bristol Myers Squibb : Apixiban, AF
Gilard Martine	2018	Financial Declaration
		Direct personal payment as it applies to you and your spouse/partner or any other member of your household, or any entity controlled directly or indirectly by any of above persons: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. from healthcare industry. - Boston Scientific: Stent and Valve
		- Edwards Lifesciences : Stent and valve
		- Medtronic : Stent and Valve
		- Abbott Vascular : Stent and Valve
	2019	Financial Declaration
		Travel and meeting support from healthcare industry, independent of the above activities. For yourself - Medtronic: French meetings
		- Bayer Healthcare : travel to ACC
		Other Positions of Influence
		Membership or affiliation in political or advocacy groups working in the field of cardiology. For yourself - board of the French Society of Cardiology



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Expert	Type of Relationship with Industry
Jobs Alexander	2018
	Nothing to be declared
	2019
	Nothing to be declared
Juni Peter	2018 Financial Declaration
	Research funding under your direct/personal responsibility (to department or institution) from healthcare industry Astra Zeneca : Anti-platelet Therapy
	- Biotronik : Drug-eluting stents
	- Biosensors International Group : Drug-eluting stents
	- The Medicines Company : Thrombin inhibitors
	Other Positions of Influence
	Any other interest (financial or otherwise) that should be declared in view of holding an ESC position Peter Jüni serves as unpaid member of the steering group of trials funded by St. Jude Medical.
	2019 Financial Declaration
	Payment from healthcare industry to your department or institution or any other legal body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Fresenius Nutrition: ECCO2R in COPD
	- Ava : Fertility App
	- Amgen Inc : PCSK9 inhibitors in Patients at Cardiovascular Risk



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Expert		Type of Relationship with Industry
Juni Peter	2019	Other Positions of Influence
		Employment in healthcare industry (including part time) during the year for which you are declaring.For yourself - Director, Applied Health Research Centre, St. Michael's Hospital
		Any other interest (financial or otherwise) that should be declared in view of holding an ESC position. For yourself - Peter Jüni serves as unpaid member of the steering group of trials funded by Abbott Vascular, Astra Zeneca, Biotronik, Biosensors, St. Jude Medical, Terumo and The Medicines Company, has received research grants to the institution from Astra Zeneca, Biotronik, Biosensors International, Eli Lilly and The Medicines Company, and honoraria to the institution for participation in advisory boards and/or consulting from Amgen, Ava and Fresenius, but has not received personal payments by any pharmaceutical company or device manufacturer.
Lambrinou Ekaterini	2018	Financial Declaration
		Direct personal payment as it applies to you and your spouse/partner or any other member of your household, or any entity controlled directly or indirectly by any of above persons: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. from healthcare industry. - Health Policy Partnership: HF Policy Network Handbook Launch
		- Bayer AG : Honorarium
		- TRAMA SOLUTIONS : Online course speaker fees
		- Novartis : Speaker fee and honorarium
	2019	Financial Declaration
		Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For members of your household - Novartis: Heart Failure



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Expert		Type of Relationship with Industry
Lambrinou Ekaterini	2019	Payment from healthcare industry to your department or institution or any other legal body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Novartis: Heart Failure
Lewis Basil S	2018	Financial Declaration
		Direct personal payment as it applies to you and your spouse/partner or any other member of your household, or any entity controlled directly or indirectly by any of above persons: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. from healthcare industry. - Pfizer: Antithrombotics
		- Astra Zeneca : Diabetes
		- Merck Sharp & Dohme : Heart failure
		- CSL Behring : Lipidology, Secondary prevention
		Payment to your department or institution or any other body like an association or similar for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. from healthcare industry. - Astrazeneca: Antithrombotics
		- Astra Zeneca : Diabetes
		- Pfizer : Diabetes
		- Merck Sharp & Dohme : Heart failure
		- Kowa : Lipidology
		- Resverlogix : Lipidology. secondary prevention
	2019	Financial Declaration
		Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Novo-Nordisk: Diabetes



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Expert		Type of Relationship with Industry
Lewis Basil S	2019	- Merck Sharp & Dohme : Heart failure
		- CSL Behring : Lipidology, Secondary prevention
		Payment from healthcare industry to your department or institution or any other legal body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Pfizer: Diabetes
		- Merck Sharp & Dohme : Heart failure
		- Kowa : Lipidology
		- Resverlogix : Lipidology. secondary prevention
Mehilli Julinda	2018	Financial Declaration
		Direct personal payment as it applies to you and your spouse/partner or any other member of your household, or any entity controlled directly or indirectly by any of above persons: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. from healthcare industry. - Siemens Healthcare: imaging
		- Terumo Inc : stents
		- Boston Scientific : valves
		- Edwards Lifesciences : valves
		Research funding under your direct/personal responsibility (to department or institution) from healthcare industry Boston Scientific : valves
	2019	Financial Declaration
		Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Abbott: BVS
		- Biotronik : BVS

28/08/2020 20/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Mehilli Julinda	2019 - Astra Zeneca : PCI
	- Siemens Healthcare : PCI
	- Bristol Myers Squibb : PCI
	- Lilly/Daiichi Sankyo : PCI
	- Terumo Inc : PCI stents
	- Boston Scientific : structural - TAVI
	- Edwards Lifesciences : structural TAVI
	- Medtronic : structural TAVI
	Research funding from healthcare industry under your direct/personal responsibility (to department or institution).For yourself - Abbott : BVS
	- Boston Scientific : structural TAVI
	- Edwards Lifesciences : structural TAVI
Meliga Emanuele	2018 Financial Declaration
	Direct personal payment as it applies to you and your spouse/partner or any other member of your household, or any entity controlled directly or indirectly by any of above persons: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. from healthcare industry. - Volcano: iFR / FFR
	Research funding under your direct/personal responsibility (to department or institution) from healthcare industry Medtronic : DES
	- Amaranth : Renascent - BRS
	2019
	Nothing to be declared

28/08/2020 21/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Merkely Bela	2018 Financial Declaration
	Direct personal payment as it applies to you and your spouse/partner or any other member of your household, or any entity controlled directly or indirectly by any of above persons: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member etc. from healthcare industry. - Medtronic: CRT course
	- Abbott : CRT/ICD
	- Astra Zeneca : HF
	- Biotronik : ICD/CRT
	Payment to your department or institution or any other body like an association or similar for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. from healthcare industry. - Medtronic: cardiac rhythm management
	- Boston Scientific : CRT
	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Medtronic: CRT course
	- Abbott : CRT/ICD
	- Astra Zeneca : HF
	- Biotronik : ICD/CRT
	Payment from healthcare industry to your department or institution or any other legal body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Medtronic: cardiac rhythm management
	- Boston Scientific : CRT



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Expert	Type of Relationship with Industry
Mueller Christian Eugen	2018 Financial Declaration
	Payment to your department or institution or any other body like an association or similar for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. from healthcare industry Boehringer-Ingelheim: Antidiabetics
	- Indorsia : Antiplatelet therapy
	- Roche Diagnostics : Diagnostics
	- Sanofi Aventis : Lipid lowering
	- Amgen : Lipid-lowering
	Research funding under your direct/personal responsibility (to department or institution) from healthcare industry Beckman Coulter: Diagnostics
	- OrthoClinical Diagnostics : Diagnostics
	- Singulex : Diagnostics
	- Abbott Laboratories : Diagnostics
	- Roche Diagnostics : Diagnostics
	- Siemens : Diagnostics
	- Sphingotec : Diagnostics
	- quidel : Diagnostics
	2019 Financial Declaration
	Payment from healthcare industry to your department or institution or any other legal body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Bayer: Anticoagulants
	- Daiichi Sankyo : Anticoagulants
	- Boehringer-Ingelheim : Antidiabetics

28/08/2020 23/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Mueller Christian Eugen	2019 - Astra Zeneca : Anti-Diabetics
	- Idorsia : Antiplatelet therapy
	- Roche Diagnostics : Diagnostics
	- Acon : Diagnostics
	- Novartis : Heart Failure
	- Sanofi Aventis : Lipid lowering
	- Amgen : Lipid-lowering
	Research funding from healthcare industry under your direct/personal responsibility (to department or institution).For yourself - Novartis: Diagnostics
	- OrthoClinical Diagnostics : Diagnostics
	- Abbott Laboratories : Diagnostics
	- Roche Diagnostics : Diagnostics
	- Siemens : Diagnostics
	- Sphingotec : Diagnostics
	- quidel : Diagnostics
Roffi Marco	2018 Financial Declaration
	Research funding under your direct/personal responsibility (to department or institution) from healthcare industry Boston Scientific: Stents
	- Medtronic : Stents
	- Biotronik : stents
	- Terumo Inc : stents
	- Abbott Vascular : stents



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Expert	Type of Relationship with Industry
Roffi Marco	2019 Financial Declaration
	Research funding from healthcare industry under your direct/personal responsibility (to department or institution).For yourself - Boston Scientific: Stents
	- Medtronic : Stents
	- Biotronik : stents
	- GE Healthcare : stents
Rutten Frans Hendrik	2018 Financial Declaration
	Research funding under your direct/personal responsibility (to department or institution) from healthcare industry Boehringer-Ingelheim: NOACs, atrial fibrillation
	- Daiichi Sankyo : NOACs, atrial fibrillation
	- Pfizer : NOACs, atrial fibrillation
	- Bayer AG : NOACs, atrial fibrillation
	2019 Financial Declaration
	Payment from healthcare industry to your department or institution or any other legal body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Boehringer-Ingelheim: Atrial fibrillation - Daiichi Sankyo: Atrial fibrillation
	- Pfizer : Atrial fibrillation
	- Bayer Netherlands : Atrial fibrillation

28/08/2020 25/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Sibbing Dirk	2018 Financial Declaration
	Direct personal payment as it applies to you and your spouse/partner or any other member of your household, or any entity controlled directly or indirectly by any of above persons: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member etc. from healthcare industry. - Astra Zeneca: Antiplatelets
	- Sanofi Aventis : Antiplatelets
	- Roche Diagnostics : Biomarkers in cardiovascular medicine
	- Bayer Healthcare : NOAC
	- Daiichi Sankyo : NOACS
	- Pfizer : NOACS
	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Astra Zeneca : Antiplatelets
	- Sanofi Aventis : Antiplatelets
	- Bayer Healthcare : NOAC
	- Pfizer : NOACS
	Travel and meeting support from healthcare industry, independent of the above activities.For yourself - Bayer AG: Cardiovascular drugs

28/08/2020 26/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Siontis Georgios	Pinancial Declaration Direct personal payment as it applies to you and your spouse/partner or any other member of your household, or any entity controlled directly or indirectly by any of above persons: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. from healthcare industry. - Abbott Vascular: Coronary interventions and intravascular imaging 2019 Financial Declaration Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee
Thiele Holger	member, etc.For yourself - Abbott Vascular : Coronary interventions and intravascular imaging 2018 Financial Declaration Research funding under your direct/personal responsibility (to department or institution) from healthcare industry European Research Foundation FP7 : Cardiogenic shock 2019 Nothing to be declared



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Expert	Type of Relationship with Industry	
Aboyans Victor	019 Financial Declaration	
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Bayer: Antithrombotic therapy	
	- BMS/Pfizer Alliance : Antithrombotic therapy	
	- NovoNordisk : Diabetes	
	- Novartis : Heart Failure	
	- Amgen : Lipid lowering therapy	
	Travel and meeting support from healthcare industry, independent of the above activities.For yourself - Bayer Healthcare : Antithrombotic therapy	
Addad Faouzi	019	
	Nothing to be declared	
Aidargaliyeva Nazipa	019	
	Nothing to be declared	
Aladashvili Alexander	019	
	Nothing to be declared	
Angiolillo Dominick Joseph	019 Financial Declaration	
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Astra Zeneca: Brilinta	
	- Chiesi Pharma : Cangrelor	
	- Daiichi Sankyo : Edoxaban	



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Expert		Type of Relationship with Industry
Angiolillo Dominick Joseph	2019	- Pfizer : Eliquis
		- Bristol Myers Squibb : Eliquis
		- Amgen : Evolucomab
		- Biosensors : Freedom stent
		- NIH : Independent grant- genetics
		- Sanofi Aventis : Plavix
		- Boehringer-Ingelheim : Pradaxa
		- Bayer : Rivaroxaban
		- Janssen-Cilag : Rivaroxaban
		- Haemonetics : TEG
		Research funding from healthcare industry under your direct/personal responsibility (to department or institution). For yourself - Astra Zeneca: Brilinta
		- Chiesi Pharma : cangrelor
		- Daiichi Sankyo : Edoxoban
		- Amgen Inc : Evolucomab
		- Biosensors : Freedom stent
		- CSL Behring : HDL-raising
		- Sanofi Aventis : Plavix
Bani Marjeh Mohammed	2019	
Yassin		Nothing to be declared

28/08/2020 29/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Becker David	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Novartis: Heart Failure
	- Bayer : NOAC
	- Merck Sharp & Dohme : NOAC
	Travel and meeting support from healthcare industry, independent of the above activities.For yourself - Novartis: Heart Failure
Beigel Roy	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Astra Zeneca: Cardiovascular
	- Boehringer-Ingelheim : Cardiovascular
	- Novartis : Cardiovascular
	- Pfizer : Cardiovascular
	- Sanofi Aventis : Cardiovascular
	- Novo-Nordisk : Cardiovascular
Beishenkulov Medet	2019
	Nothing to be declared

28/08/2020 30/87



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Expert	Type of Relationship with Industry
Bueno Hector	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Pfizer : Antithrombotics: Apixaban
	- Bristol Myers Squibb : Antithrombotics: Apixaban
	- Bayer : Antithrombotics: Aspirin, rivaroxaban
	- Astra Zeneca : Antithrombotics: Ticagrelor. Heart Failure: Observational studies on use of healthcare resources and economic costs
	- Novartis : Canakinumab
	- MEDSCAPE-the heart.og : General (antithrombotics, vaccines)
	- Amgen : Lipid lowering (PCSK9 inh: alirocumab)
	Research funding from healthcare industry under your direct/personal responsibility (to department or institution).For yourself - Astrazeneca : Heart Failure
	Research funding (personal) from healthcare industry.For yourself - BMS : CV013-011 - STANDUP-AHF trial
	- Novartis : LCZ696 (PROMISE trial / PERSPECTIVE trial) Observational study on HF (PREFER Study)
	- Bayer : New antithrombotics: PACIFIC-MI Trial
	- Astra Zeneca : Ticagrelor (THEMIS trial). Observational studies (non-drug-related): EPICOR Study on antithrombotics, COHERENT-HF
	Other Positions of Influence
	Membership or affiliation in political or advocacy groups working in the field of cardiology.For yourself - Vice-president, Spanish Society of Cardiology AHA Fellow Advisor and Scientific Coordinator, Cardiovascular Health Strategy, Ministry of Health, Spain

28/08/2020 31/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Bugiardini Raffaele	2019
	Nothing to be declared
Bunc Matjaz	2019
	Nothing to be declared
Byrne Robert	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Biotronik: Interventional Cardiology (DES/DCB)
	- B. Braun : Interventional Cardiology (DES/DCB)
	Research funding from healthcare industry under your direct/personal responsibility (to department or institution).For yourself - Celonova Biosciences : Interventional Cardiology (non-DES)
Cassar Andrew J	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Philips: Speaker Fees
Castelletti Silvia	2019
	Nothing to be declared
Chettibi Mohamed	2019
	Nothing to be declared

28/08/2020 32/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Chieffo Alaide	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Abiomed : high risk PCI
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For members of your household - Cordis: coronary
	- Abbott Vascular : coronary phsiology
	- Biosensors : coroonary
	- Abiomed : high risk PCI
	Travel and meeting support from healthcare industry, independent of the above activities.For yourself - Terumo Inc : travel support for a meeting
	- Abbott Vascular : travel support for a meeting
Claeys Marc	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Bayer: antithrombotic/antiplatele
	- Astra Zeneca : anti-thrombotic/antiplatelet
	- Sanofi Aventis : lipid disorders
	- Abbott Vascular/StJude : stents- mitraclip

28/08/2020 33/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Commeau Philippe	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - LS Care: ASD & PFO Device implantation prow wu fitons
	- Abbott : device
	- Boston Scientific : device
	- Edwards Lifesciences : device
	- Medtronic : device
	Other Positions of Influence
	Direct ownership of shares or direct financial interest in healthcare, media, education companies or in companies related to (suppliers), or in competition with the ESC and its mission: to reduce the burden of cardiovascular disease. For yourself - Healthcare - INTERVENTIONAL CARDIOLOGY AND CARDIOVASCULAR SURGERY - Shares (Edwards & GE)
Cornelissen Veronique	2019
	Nothing to be declared
Crea Filippo	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Oxford University Press: EHJ Honariarium
	- Amgen : Speaker Fee
	- Astra Zeneca : Speaker Fee
	- Servier : Speaker fee
	- Biotronik : Speaker Fee

28/08/2020 34/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Crea Filippo	2019 - Menarini : Speaker Fee
	- Bristol Myers Squibb : Speaker Fee
	Payment from healthcare industry to your department or institution or any other legal body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Biotronik: Phd Research Founding (Direct agreement between Catholic University and Biotronik)
	Receipt of royalties for intellectual property.For yourself - Wolters Kluwer : Royalties
	- Edra SPA - Masson : Royalties
Damman Peter	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Philips: Intracoronary physiology
	Payment from healthcare industry to your department or institution or any other legal body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Abbott Vascular : OCT
	Research funding from healthcare industry under your direct/personal responsibility (to department or institution).For yourself - Astra Zeneca: DAPT
Degrell Philippe	2019 Financial Declaration
	Travel and meeting support from healthcare industry, independent of the above activities.For yourself - Terumo Inc : CTO summit
	- Abbott : LAA closure training

28/08/2020 35/87



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Expert	Type of Relationship with Industry
Delgado Victoria	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - GE Healthcare: 3-dimensional imaging workshop (2000 euro)
	- Medtronic : aortic stenosis (payment speaker fee 900 euro)
	- Bayer : diabetes - steering committee (750 euro)
	- Abbott Vascular : Mitraclip (payment speaker fee 1200 euro)
	- Edwards Lifesciences : tricuspid valve (payment speaker fee 1200 euro)
	Research funding from healthcare industry under your direct/personal responsibility (to department or institution).For yourself - Edwards Lifesciences: Aortic valve stenosis
	- Bayer : Heart failure
	- Bioventrix : heart failure
	- Abbott Vascular : Mitraclip
	- Edwards Lifesciences : Tricuspid valve
Drexel Heinz	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Medical University Graz: lecture honoraria: Atherosclerosis
	- Sanofi: lecture honoraria : Cardiology
	- MAW: lecture honoraria : Cardiology
	- Servier: lecture honoraria : Cardiology
	- ESC: Webinar : Cardiology
	- Boehringer Ingelheim: consulting activity : Diabetes

28/08/2020 36/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert		Type of Relationship with Industry
Drexel Heinz	2019	- Amgen: lecture honoraria : Lipids
		- MSD: lecture honoraria : Lipids
		- Medizin Media Austria: consulting activity : Lipids
		Research funding from healthcare industry under your direct/personal responsibility (to department or institution).For yourself - Amgen : Lipids
		- Sanofi Aventis : Lipids
Duplyakov Dmitry	2019	Financial Declaration
		Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Sanofi Aventis: Alirocumab
		- Pfizer : apixaban
		- Boehringer-Ingelheim : Dabigatran
		- Berlin Chemie AG : Ranolazine
		- Bayer Healthcare : Rivaroxaban
		- Astra Zeneca : Ticagrelor
		Travel and meeting support from healthcare industry, independent of the above activities. For yourself - Astra Zeneca: ACCA
		- Bayer Healthcare : ESC Congress 2019
Elezi Shpend	2019	
		Nothing to be declared
Gaemperli Oliver	2019	
		Nothing to be declared

28/08/2020



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Expert	Type of Relationship with Industry
Gatzov Plamen Marinov	2019
	Nothing to be declared
Gierlotka Marek	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Bayer : antithrombotic drugs
	- Boehringer-Ingelheim : drugs
	- Orion : drugs
	- Bracco Pharmaceutical : interventional cardiology
	- Balton : Stents
	Travel and meeting support from healthcare industry, independent of the above activities.For yourself - Astra Zeneca : drugs
Guomundsdottir Ingibjorg Jona	Nothing to be declared
Gustiene Olivija	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Servier: antihypertensive drugs - Astra Zeneca: antiplatelets, ticagrelor
	- Sanofi Aventis : PCSK9 inhibitors
	- Bayer : rivaroxaban
	- Krka Pharma : statins, antihypertensive
I	rand i nama. Saans, anunypertensive

28/08/2020 38/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Gustiene Olivija	Payment from healthcare industry to your department or institution or any other legal body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Pfizer : apixaban - Berlin Menarini : Hypertension, infarction, ACEI
	- Bayer : rivaroxaban - Servier : Stable angina, hypertension
	Travel and meeting support from healthcare industry, independent of the above activities.For yourself - Bayer : ESC congress
Halvorsen Sigrun	Financial Declaration Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Boehringer-Ingelheim : Anticoagulation - Pfizer : Anticoagulation - Bristol Myers Squibb : Anticoagulation - Bayer AS : Anticoagulation - Merck Sharp & Dohme : Glucose lowering drugs - Sanofi Aventis : Lipid lowering treatment
Haugaa Kristina Hermann	Financial Declaration Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Sanofi Aventis: Cardiogenetics

28/08/2020



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry	
Hayrapetyan Hamlet	2019 Financial Declaration	
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Berlin-Chemie Menarini: Arterial Hypertension	Э.
	- Servier : Arterial Hypertension, Coronary Heart Diseasese	
	- Egis Pharma : Arterial Hypertension, Coronary Heart Diseasese	
	- Bayer : Atrial Fibrillation	
	Travel and meeting support from healthcare industry, independent of the above activities. For yourself - Berlin-Chemie Menarini: ACC Congress	
	- Servier : ESC Congress	
Hofmann Robin	2019	
	Nothing to be declared	
Ibanez Borja	2019 Financial Declaration	
	Research funding from healthcare industry under your direct/personal responsibility (to department or institution). For yourself - Astra Zeneca: behavioral intervention (no drug)	
	Other Positions of Influence	
	Any other interest (financial or otherwise) that should be declared in view of holding an ESC position. For yourself - My institution (National Center for Cardiovascular Research, CNIC) is a nonprofit public institution that has royalties for the sales polypill (Trinomia) which is constituted by aspirin-ramipril-atorvastatin/simvastatin, but no CNIC researcher has any direct interests (n personal benefits).	

28/08/2020 40/87



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Expert		Type of Relationship with Industry
Indolfi Ciro	2019	Financial Declaration Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. For yourself
		- Amgen : Cardiovascular
		- Bayer : Cardiovascular
		- GE Healthcare : Cardiovascular
Ivanov Victoria	2019	Financial Declaration
		Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Krka Pharma : dyslipidemia
		- Berlin Menarini : frailty patient
Jankowska Ewa Anita	2019	Financial Declaration
		Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Bayer: anticoagulants
		- Astra Zeneca : antiplatelets
		- Boehringer-Ingelheim : diabetes and CVD
		- Novartis : Entresto
		- Abbott : FMR in heart failure
		- Cardiac Dimensions : heart failure devices
		- Servier : heart failure, ivabradine
		- Gedeon Richter : hiperlip;idemia

28/08/2020 41/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert		Type of Relationship with Industry
Jankowska Ewa Anita	2019	- Fresenius Nutrition : iv iron
		- Vifor International : IV iron
		- Berlin Chemie AG : lecarnidipine, torasemide
		Research funding from healthcare industry under your direct/personal responsibility (to department or institution). For yourself - Vifor International: iv iron
		Research funding (personal) from healthcare industry.For yourself - University of Zurich : heart failure
		- National Centre for Science (Poland) : iron metabolism, heart failure
Kajander Olli Antero	2019	Financial Declaration
		Travel and meeting support from healthcare industry, independent of the above activities.For yourself - Boston Scientific: Coronary products
Karia Nina	2019	
		Nothing to be declared
Kastrati Adnan	2019	Other Positions of Influence
		Any other interest (financial or otherwise) that should be declared in view of holding an ESC position. For yourself - I am co-inventor of patents related to drug-eluting stent technology; the patent-rights were completely sold in 2018. No royalties have ever been paid.
Katus Hugo	2019	Financial Declaration
		Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Daiichi Sankyo: Anticoagulants

28/08/2020 42/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert		Type of Relationship with Industry
Katus Hugo	2019	- Bayer Vital : Anticoagulants
		- Astrazeneca : Antiplatelet
		- Novartis : Heart Failure Therapies
		- Boston Scientific : PCI
		Research funding from healthcare industry under your direct/personal responsibility (to department or institution). For yourself - Daiichi Sankyo: Anticoagulations
		- Roche Diagnosticsarker : Biomarker
Kedev Sasko	2019	Financial Declaration
		Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Meril: Bioresorbable scaffolds
		- Contego : Carotid artery stenting
		- Terumo Inc : Radial access; Carotid artery stenting
Kinnaird Tim	2019	Financial Declaration
		Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Biosensors : Speaker fees
		Payment from healthcare industry to your department or institution or any other legal body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Abbott Vascular: Research grant
		Travel and meeting support from healthcare industry, independent of the above activities. For yourself - Abbott Vascular: Meeting sponsorship

28/08/2020 43/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert		Type of Relationship with Industry
Kluin Jolanda	2019	
		Nothing to be declared
Kunadian Vijayalakshmi	2019	Financial Declaration
		Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Amgen Inc : Acute coronary syndrome speaker
		- Daiichi Sankyo : Coronary artery disease speaker
		- Bayer AG : Digital Steering Committee
		- Abbott Vascular : Trial Steering Committee member
Kusljugic Zumreta	2019	
		Nothing to be declared
Landmesser Ulf	2019	Financial Declaration
		Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Abbott : Advisory Board fees
		- Medicines Company : Advisory Board fees
		- Bayer : Speaker fee
		- Amgen : Speaker fees
		- Sanofi Aventis : Speaker fees
		Research funding from healthcare industry under your direct/personal responsibility (to department or institution).For yourself - Bayer AG: Research Grant

28/08/2020 44/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Leclercq Christophe	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Abbott : devices
	- Boston Scientific : devices
	- Medtronic : devices
	- Biotronik : devices
	- Microport : devices
	- Zoll Medical : WCD
Legutko Jacek	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Berlin Menarini: Ezetymib
	- Bracco Pharmaceutical : HD-IVUS
	- Philips Volcano : Imaging, IVUS, FFR/iFR
	- Abbott : Interventional cardiology, electrotherapy (stents, balloons, wires, valves, peacemakers, etc.)
	- Medtronic : Interventional cardiology, electrotherapy (stents, balloons, wires, valves, peacemakers, etc.)
	- Balton : Interventional cardiology, electrotherapy (stents, balloons, wires, valves, peacemakers, etc.)
	- Bayer AG : rivaroxaban
	- Astra Zeneca : Ticagrelor
	Travel and meeting support from healthcare industry, independent of the above activities. For yourself - Abbott: Interventional cardiology, electrotherapy (stents, balloons, wires, valves, peacemakers, etc.)
	- Boston Scientific : Interventional cardiology, electrotherapy (stents, balloons, wires, valves, peacemakers, etc.)

28/08/2020 45/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert		Type of Relationship with Industry
Legutko Jacek	2019	- Terumo Inc : Interventional cardiology, electrotherapy (stents, balloons, wires, valves, peacemakers, etc.)
		- Balton : Interventional cardiology, electrotherapy (stents, balloons, wires, valves, peacemakers, etc.)
		- Astra Zeneca : Ticagrelor
Lettino Maddalena	2019	Financial Declaration
		Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Bayer: anticoagulants
		- Daiichi Sankyo : anticoagulants
		- Pfizer : anticoagulants
		- Bristol Myers Squibb : anticoagulants
		- Amgen : lipid-lowering drugs
		- Sanofi Aventis : lipid-lowering drugs
Maca Aija	2019	Financial Declaration
		Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Bayer: anticoagulation
		Travel and meeting support from healthcare industry, independent of the above activities. For yourself - Bayer: Acute heart failure
		- Boehringer-Ingelheim : anticoagulation

28/08/2020 46/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Mamas Mamas	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Daiichi Sankyo: antiplatelet managment
	- Biosensors : bleeding risk
	- Bayer : digital and e-health
	Research funding from healthcare industry under your direct/personal responsibility (to department or institution).For yourself - Medtronic : pacing
	Other Positions of Influence
	Any other interest (financial or otherwise) that should be declared in view of holding an ESC position.For yourself - ESC Social media lead: unpaid position
Marandi Toomas	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Astra Zeneca: NA
	- Sanofi Aventis : NA
	Travel and meeting support from healthcare industry, independent of the above activities.For yourself - Astra Zeneca : ESC Congress

28/08/2020 47/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Massberg Steffen	Financial Declaration Research funding from healthcare industry under your direct/personal responsibility (to department or institution). For yourself - Bristol Myers Squibb: Antithrombotic therapy
Mates Martin	- Boston Scientific : TAVI 2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Astra Zeneca : speaker fee - Bayer : speaker fee
Meinila Leena	2019
	Nothing to be declared
Metzler Bernhard	2019 Nothing to be declared
Morais Joao	Pinancial Declaration Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Bayer Portugal: anticoagulants, chronic coronary syndromes Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For members of your household - Astra Zeneca: antiplatetelets; acute coronary syndromes; diabetes; anti diabetic drugs - Novartis: heart failure; therapy - Servier: Heart Failure; therapy

28/08/2020 48/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Mylotte Darren	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Biosensors : Coronary Stents
	- Boston Scientific : TAVI
	- Medtronic : TAVI
	- Microport : TAVI
	Research funding from healthcare industry under your direct/personal responsibility (to department or institution).For yourself - Biosensors : Coronary Stents
	- Medtronic : TAVI
Najafov Ruslan	2019
	Nothing to be declared
Ndrepepa Gjin	2019
	Nothing to be declared
Nikas Dimitrios	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - CSL Behring: Acute Coronary Syndrome
	- Menarini : Angina - Coronary Artery Disease
	- Astra Zeneca : Antiplatelet therapy
	- Sanofi Aventis : Antiplatelet therapy
	- Boehringer-Ingelheim : NOAC Anticoagulation

28/08/2020 49/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Nikas Dimitrios	Payment from healthcare industry to your department or institution or any other legal body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - CSL Behring: Acute Coronary Syndrome - Hypolipidemic therapy
	Travel and meeting support from healthcare industry, independent of the above activities.For yourself - Bayer : Inteventional Cardiology Congress
	Receipt of royalties for intellectual property.For yourself - Menarini : Stable Angina
Omerovic Elmir	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Novartis: Acute heart failure
	- Merck Sharp & Dohme : Acute heart failure
	Research funding from healthcare industry under your direct/personal responsibility (to department or institution). For yourself - Astra Zeneca: Ischemic heart disease
Orban Marek	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Bayer : ACS
	- Servier : ACS
	- Zentiva : ACS
	- Krka Pharma : ACS

28/08/2020 50/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert		Type of Relationship with Industry
Panayi Georgios	2019	
		Nothing to be declared
Parkhomenko Alexander	2019	Financial Declaration
		Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Sanofi Aventis: Alirocumab
		- Amgen : Omecaptive Mecarbil
		- Bayer Healthcare : rivaroxaban
		- Astra Zeneca : Ticagrelor, dapagliflozine
Pavlovic Milan	2019	
		Nothing to be declared
Peace Aaron J	2019	
		Nothing to be declared
Pedretti Roberto Franco Enrico	2019	Financial Declaration
		Research funding from healthcare industry under your direct/personal responsibility (to department or institution).For yourself - Bristol Myers Squibb : DOACs
		- Boston Scientific : ICDs
Petersen Steffen Erhard	2019	Financial Declaration
		Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Circle Cardiovascular Imaging, Inc: Cardiac MRI and CT analysis and reporting software

28/08/2020 51/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert		Type of Relationship with Industry
Petersen Steffen Erhard	2019	Other Positions of Influence Direct ownership of shares or direct financial interest in healthcare, media, education companies or in companies related to (suppliers), or in competition with the ESC and its mission: to reduce the burden of cardiovascular disease. For yourself - Healthcare - IMAGING - Circle Cardiovascular Imaging Inc., Calgary, Canada (25,000 shares at Canadian dollars \$1.50 each.) Membership or affiliation in political or advocacy groups working in the field of cardiology. For yourself - Member of the advocacy committee for the Society of Cardiovascular Magnetic Resonance (SCMR).
Petronio Anna Sonia	2019	Financial Declaration Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Boston Scientific: Structural heart disease - Abbott: structural valve disease Payment from healthcare industry to your department or institution or any other legal body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Medtronic: structural heart disease Research funding from healthcare industry under your direct/personal responsibility (to department or institution). For yourself - Abbott: coronary disease, valve disease - GaDA: valve disease
Pontone Gianluca	2019	Financial Declaration Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - GE Healthcare: Cardiovascular Imaging - Bracco Pharmaceutical: Cardiovascular Imaging

28/08/2020 52/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert		Type of Relationship with Industry
Pontone Gianluca	2019	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For members of your household - GlaxoSmithKline: Oncology
Popescu Bogdan Alexandru	2019	Financial Declaration
		Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - GE Healthcare: Imaging
		Travel and meeting support from healthcare industry, independent of the above activities.For yourself - Bayer : Drug company - antithrombotic drugs
Potpara Tatjana	2019	Financial Declaration
		Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Pfizer: atrial fibrillation
Ray Kausik K	2019	Financial Declaration
		Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Novo Nordisk : Diabetes
		- Boehringer Ingelheim : Diabetes
		- Astra Zeneca : Diabetes Antiplatelets
		- Resverlogix : epigenetics
		- Amgen : lipids
		- Daiichi Sankyo : Lipids

28/08/2020 53/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Ray Kausik K	2019 - Medicines Company : Lipids
	- Kowa : lipids
	- MSD : lipids
	- Regeneron : Lipids
	- Esperion : lipids
	- Akcea : Lipids
	- Zuelling Pharma : Lipids
	- Sanofi Aventis : lipids and Diabetes
	- Pfizer : lipids Hypertension
	Research funding from healthcare industry under your direct/personal responsibility (to department or institution).For yourself - Daiichi Sankyo : Lipids
	- Amgen Inc : lipids
	- Regeneron : lipids
Ribichini Flavio Luciano	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Philips: coronary physiology
	- Edwards Lifesciences : valvular heart disease
	- Medtronic : valvular heart disease, hypertension, coronary
	Research funding from healthcare industry under your direct/personal responsibility (to department or institution).For yourself - Philips: coronary physiology
	- Edwards Lifesciences : valvular heart disease

28/08/2020 54/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Richter Dimitrios	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Astra Zeneca : diabetes
	- Boehringer-Ingelheim : diabetes
	- Unipharma : hypertension-thrombosis
	- Amgen : lipids
	- Servier : LIPIDS
	- Sanofi Aventis : Lipids
	- Lilly : Lipids
	- Unilever : lipids
	- Merck Sharp & Dohme : lipids
	- Vianex : lipids
	- Mylan : lipids
	- ELPEN : LIPIDS-THROMBOSIS
	- Bayer Healthcare : Thrombosis
	Travel and meeting support from healthcare industry, independent of the above activities. For yourself - Amgen: LIPIDS
	- Bayer : THROMBOSIS
Shlyakhto Evgeny	2019
	Nothing to be declared
Shokry Khaled	2019
	Nothing to be declared

28/08/2020 55/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Simpson lain A	2019
	Nothing to be declared
Skoric Bosko	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Alvogen : Alvanocyt
	- Mylan : clopidogrel
	- Biotest : Cytotect
	- Sandoz-Novartis : Ferinject
	- Orion Corporation : Simdax
	Travel and meeting support from healthcare industry, independent of the above activities.For yourself - Jadran Galenski Laboratorij : ESC congress
	- Macs Medical : HeartMate
	Travel and meeting support from healthcare industry, independent of the above activities. For members of your household - Jadran Galenski Laboratorij: ESC congress
Sorensen Rikke	2019 Financial Declaration
	Travel and meeting support from healthcare industry, independent of the above activities. For yourself - Boehringer-Ingelheim: Participation in ESC Congress 2019
Sousa Uva Miguel	2019 Financial Declaration
	Travel and meeting support from healthcare industry, independent of the above activities.For yourself - Medtronic : Cardiothoracic Surgery

28/08/2020 56/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry	
Steigen Terje Kristian	2019	
	Nothing to be declared	
Stelmashok Valeriy	Po19 Financial Declaration	
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committe member, etc.For yourself - Medtronic: Advisory board fees	e
Storey Robert	Po19 Financial Declaration	
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committe member, etc.For yourself - Thromboserin: Antiplatelet therapy	е
	- Astra Zeneca : Antiplatelet therapy, Glucose-lowering therapy	
	- Bayer : Antithrombotic therapy	
	- Portola Pharmaceuticals : Antithrombotic therapy	
	- Bristol Myers Squibb/Pfizer : Antithrombotic therapy	
	- Glycardial Diagnostics : Cardiovascular biomarkers	
	- Medscape : Cardiovascular therapeutics	
	- Haemonetics : Coagulation	
	- Amgen : Lipid lowering	
	Research funding from healthcare industry under your direct/personal responsibility (to department or institution). For yourself - Thromboserin: Antiplatelet therapy	

28/08/2020 57/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Touyz Rhian	Payment from healthcare industry to your department or institution or any other legal body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Novartis: Hypertension Other Positions of Influence Any other interest (financial or otherwise) that should be declared in view of holding an ESC position.For yourself - I am Editor in Chief of Clinical Science I am Deputy Editor of Hypertension
Tutar Eralp	2019 Financial Declaration Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Astra Zeneca: Therapeutic
	- Menarini : Therapeutic Travel and meeting support from healthcare industry, independent of the above activities. For yourself - Medtronic : Meeting support
Valgimigli Marco	Pinancial Declaration Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Astra Zeneca: Antiplatelet agents - Daiichi Sankyo: Consultancy -TAVI studies - Terumo Inc: Coronary stent - Abbott Vascular: Coronary Stent

28/08/2020 58/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert		Type of Relationship with Industry
Valgimigli Marco	2019	- Alvimedica : coronary stent
		- Bayer : Oral anticoagulation
		- Idorsia : Parenteral P2Y12 inhibitor
		Research funding from healthcare industry under your direct/personal responsibility (to department or institution). For yourself - Medicure : Antiplatelet agents
		- Terumo Inc : Coronary stent
Vinereanu Dragos	2019	Financial Declaration
		Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Astra Zeneca : Acute Cororonary Syndromes, Diabetes
		- Boehringer-Ingelheim : Atrial Fibrillation
		- Pfizer : Atrial Fibrillation
		- Novartis : Cardiovascular prevention, Heart Failure
		- Amgen : Heart failure
		- Servier : Hypertension, Heart Failure
		Research funding (personal) from healthcare industry.For yourself - Johnson & Johnson : Clinical trial
		- Quintiles : Clinical trial
		- PPD Global : Clinical trial
		- Dalcor : Clinical trial
		- Chiltern : Clinical trial

28/08/2020 59/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Vranckx Pascal	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Daiichi Sankyo: NOAC
	- Bayer Healthcare : NOAC
Yeh Robert	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Astra Zeneca : Antithrombotic Therapy
	- Boston Scientific : Coronary/CTO
	- Abbott Vascular : Coronary/CTO
	- Medtronic : Coronary/CTO/PAD
	Research funding from healthcare industry under your direct/personal responsibility (to department or institution).For yourself - Abbott Vascular : Coronary stents
	- Astra Zeneca : Heart failure after MI, Diabetes
	- Boston Scientific : PAD
	- Medtronic : PAD
	- Philips : PAD
	- Bard : PAD
	- Cook Medical : PAD
Zavatta Marco	2019
	Nothing to be declared

28/08/2020 60/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Aboyans Victor	2018 Financial Declaration
	Direct personal payment as it applies to you and your spouse/partner or any other member of your household, or any entity controlled directly or indirectly by any of above persons: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. from healthcare industry. - Bayer: Antithrombotic therapy
	- BMS/Pfizer Alliance : Antithrombotic therapy
	- NovoNordisk : Diabetes
	- Novartis : Heart Failure
	- Amgen : Lipid lowering therapy
	- Sanofi Aventis : PAD
	Research funding under your direct/personal responsibility (to department or institution) from healthcare industry Bayer Healthcare: PAD
	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Bayer: Antithrombotic therapy
	- BMS/Pfizer Alliance : Antithrombotic therapy
	- NovoNordisk : Diabetes
	- Novartis : Heart Failure
	- Amgen : Lipid lowering therapy
	Travel and meeting support from healthcare industry, independent of the above activities.For yourself - Bayer Healthcare : Antithrombotic therapy

28/08/2020 61/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Baigent Colin	2018 Financial Declaration
	Research funding under your direct/personal responsibility (to department or institution) from healthcare industry Boehringer-Ingelheim : Empagliflozin
	- Novartis : Sacubitril
	- Pfizer : Sirolimus
	2019 Financial Declaration
	Research funding from healthcare industry under your direct/personal responsibility (to department or institution).For yourself - Boehringer-Ingelheim : Empagliflozin
Collet Jean-Philippe	2018 Financial Declaration
	Direct personal payment as it applies to you and your spouse/partner or any other member of your household, or any entity controlled directly or indirectly by any of above persons: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member etc. from healthcare industry. - Bristol Myers Squibb: Apixaban
	- Astra Zeneca : TICAGRELOR
	Research funding under your direct/personal responsibility (to department or institution) from healthcare industry Bristol Myers Squibb : apixaban
	- Medtronic : COREVALVE
	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Astra Zeneca : Post-PCI antiplatelet treatement

28/08/2020 62/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert		Type of Relationship with Industry
Collet Jean-Philippe	2019	- Bristol Myers Squibb : Post-TAVR antithrombotic treatment
		Research funding from healthcare industry under your direct/personal responsibility (to department or institution).For yourself - Boston Scientific: Post-TAVR antithrombotic treatment
		- Bristol Myers Squibb : Post-TAVR antithrombotic treatment
Delgado Victoria	2018	Financial Declaration
		Direct personal payment as it applies to you and your spouse/partner or any other member of your household, or any entity controlled directly or indirectly by any of above persons: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. from healthcare industry. - Abbott Vascular: Mitraclip
		Research funding under your direct/personal responsibility (to department or institution) from healthcare industry GE Healthcare : Echocardiography
		- Edwards Lifesciences : Transcatheter valve interventions
	2019	Financial Declaration
		Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - GE Healthcare : 3-dimensional imaging workshop (2000 euro) - Medtronic : aortic stenosis (payment speaker fee 900 euro)
		- Bayer : diabetes - steering committee (750 euro)
		- Abbott Vascular : Mitraclip (payment speaker fee 1200 euro)
		- Edwards Lifesciences : tricuspid valve (payment speaker fee 1200 euro)
		Research funding from healthcare industry under your direct/personal responsibility (to department or institution).For yourself - Edwards Lifesciences: Aortic valve stenosis

28/08/2020 63/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert		Type of Relationship with Industry
Delgado Victoria	2019	- Bayer : Heart failure
		- Bioventrix : heart failure
		- Abbott Vascular : Mitraclip
		- Edwards Lifesciences : Tricuspid valve
Fitzsimons Donna	2018	Financial Declaration
		Direct personal payment as it applies to you and your spouse/partner or any other member of your household, or any entity controlled directly or indirectly by any of above persons: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. from healthcare industry. - Medscape: Heart failure
	2019	Other Positions of Influence
		Membership or affiliation in political or advocacy groups working in the field of cardiology.For yourself - Member of Scientific Advisory Board of Northern Ireland Chest Heart & Stroke (Non-Paid)
Gale Christopher Peter	2018	Financial Declaration
		Direct personal payment as it applies to you and your spouse/partner or any other member of your household, or any entity controlled directly or indirectly by any of above persons: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. from healthcare industry. - Astra Zeneca: ACS
		- Novartis : coronary artery disease
		- Bayer : coronary artery disease, AF
		- Vifor International : heart failure
		- Menarini : ischaemic heart disease

28/08/2020 64/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert		Type of Relationship with Industry
Gale Christopher Peter	2018	Research funding under your direct/personal responsibility (to department or institution) from healthcare industry Bristol Myers Squibb : Apixiban, AF
	2019	Financial Declaration
		Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Astra Zeneca: ACS
		- Daiichi Sankyo : AF
		- Novartis : coronary artery disease
		- Bayer : coronary artery disease, AF
		- Vifor International : heart failure
		- Menarini : ischaemic heart disease
		Payment from healthcare industry to your department or institution or any other legal body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - BMS : AF
		- Abbott : Diabetes
		- National Institute for Health Research : MI
		- British Heart Foundation : MI, AF
		- Horizon 2020 : post MI sudden cardiac death
		Travel and meeting support from healthcare industry, independent of the above activities.For yourself - Daiichi Sankyo : AF
		- Bayer Healthcare : AF, CAD
		- National Institute for Health and Clinical Excellence : Indicator Advisory Committee

28/08/2020 65/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Gale Christopher Peter	2019 Research funding from healthcare industry under your direct/personal responsibility (to department or institution).For yourself - Bristol Myers Squibb : Apixiban, AF
Grobbee Diederick E	- Bristol Myers Squibb : Apixiban, AF 2018 Financial Declaration Payment to your department or institution or any other body like an association or similar for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. from healthcare industry. - Amgen : advisory board - Esperion : Steering ctt Research funding under your direct/personal responsibility (to department or institution) from healthcare industry. - Esperion : clinical trial lipids Other Positions of Influence Employment in healthcare industry (including part time) during the year for which you are declaring. - chief scientific officer Julius Clinical Research Ltd (part-time) 2019 Financial Declaration
	Payment from healthcare industry to your department or institution or any other legal body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Amgen: advisory board - Esperion: Steering ctt Research funding from healthcare industry under your direct/personal responsibility (to department or institution). For yourself - Esperion: clinical trial lipids

28/08/2020 66/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry	
Grobbee Diederick E	Other Positions of Influence Employment in healthcare industry (including part time) during the year for which you are declaring. For yourself - Chief Scientific Officer Julius Clinical Academic Contract Research Organization Staff Member, University Medical Center Utrecht	t
Halvorsen Sigrun	Pinancial Declaration Direct personal payment as it applies to you and your spouse/partner or any other member of your household, or any entity controlled directly or indirectly by any of above persons: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee memetric. from healthcare industry. - Bristol Myers Squibb: Antithrombotic treatment - Astra Zeneca: Anti-thrombotic treatment - Boehringer-Ingelheim: Anti-thrombotic treatment - Pfizer: Anti-thrombotic treatment - Bayer AS: Anti-thrombotic treatment - Sanofi Aventis: Cholesterol lowering treatment	ı
	Payment to your department or institution or any other body like an association or similar for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. from healthcare industry. - Novartis: Heart failure 2019 Financial Declaration Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Boehringer-Ingelheim: Anticoagulation - Pfizer: Anticoagulation - Bristol Myers Squibb: Anticoagulation	

28/08/2020 67/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert		Type of Relationship with Industry
Halvorsen Sigrun	2019	- Bayer AS : Anticoagulation
		- Merck Sharp & Dohme : Glucose lowering drugs
		- Sanofi Aventis : Lipid lowering treatment
Hindricks Gerhard	2018	Financial Declaration
		Payment to your department or institution or any other body like an association or similar for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. from healthcare industry. - Abbott : Pacemaker, Ablation
		- Biosense Webster : Pacemaker, Ablation
		- Biotronik : Pacemaker, catheter
		Research funding under your direct/personal responsibility (to department or institution) from healthcare industry. - Biosense Webster : Electrophysiology, arrhythmias
		- Abbott : Electropyhsiology, arrhythmias
		Other Positions of Influence
		Any other interest (financial or otherwise) that should be declared in view of holding an ESC position The Heart Center Leipzig / University Hospital for Cardiology, Cardiac Surgery and Pediatric Cardiology is part of the Helios Hospital Group.
	2019	
		Nothing to be declared

28/08/2020 68/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
lung Bernard	2018 Financial Declaration
	Direct personal payment as it applies to you and your spouse/partner or any other member of your household, or any entity controlled directly or indirectly by any of above persons: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee memetre. from healthcare industry. - Boehringer Ingelheim: Anticoagulants
	- Edwards Lifesciences : Heart valve prostheses
	2019 Financial Declaration
	Travel and meeting support from healthcare industry, independent of the above activities.For yourself - Abbott : Cardiovascular devices
Juni Peter	2018 Financial Declaration
	Research funding under your direct/personal responsibility (to department or institution) from healthcare industry Astra Zeneca : Anti-platelet Therapy
	- Biotronik : Drug-eluting stents
	- Biosensors International Group : Drug-eluting stents
	- The Medicines Company : Thrombin inhibitors
	Other Positions of Influence
	Any other interest (financial or otherwise) that should be declared in view of holding an ESC position Peter Jüni serves as unpaid member of the steering group of trials funded by St. Jude Medical.

28/08/2020 69/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Juni Peter	2019 Financial Declaration
	Payment from healthcare industry to your department or institution or any other legal body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Fresenius Nutrition: ECCO2R in COPD
	- Ava : Fertility App
	- Amgen Inc : PCSK9 inhibitors in Patients at Cardiovascular Risk
	Other Positions of Influence
	Employment in healthcare industry (including part time) during the year for which you are declaring.For yourself - Director, Applied Health Research Centre, St. Michael's Hospital
	Any other interest (financial or otherwise) that should be declared in view of holding an ESC position. For yourself - Peter Jüni serves as unpaid member of the steering group of trials funded by Abbott Vascular, Astra Zeneca, Biotronik, Biosensors, St. Jude Medical, Terumo and The Medicines Company, has received research grants to the institution from Astra Zeneca, Biotronik, Biosensors International, Eli Lilly and The Medicines Company, and honoraria to the institution for participation in advisory boards and/or consulting from Amgen, Ava and Fresenius, but has not received personal payments by any pharmaceutical company or device manufacturer.
Katus Hugo	2018 Financial Declaration
	Direct personal payment as it applies to you and your spouse/partner or any other member of your household, or any entity controlled directly or indirectly by any of above persons: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. from healthcare industry. - Daiichi Sankyo: Anticoagulants
	- Bayer Vital : Anticoagulants
	- Astrazeneca : Antiplatelet
	- Roche Diagnosticsker : Biomar

28/08/2020 70/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Katus Hugo	2018 Research funding under your direct/personal responsibility (to department or institution) from healthcare industry Roche Diagnosticsarker: Biomarker - Daiichi Sankyo: Xarelto
	Other Positions of Influence
	Membership or affiliation in political or advocacy groups working in the field of cardiology President of the German Society of Cardiology 2019
	Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Daiichi Sankyo: Anticoagulants
	- Bayer Vital : Anticoagulants
	- Astrazeneca : Antiplatelet
	- Novartis : Heart Failure Therapies
	- Boston Scientific : PCI
	Research funding from healthcare industry under your direct/personal responsibility (to department or institution).For yourself - Daiichi Sankyo : Anticoagulations
	- Roche Diagnosticsarker : Biomarker
Landmesser Ulf	2018 Financial Declaration
	Direct personal payment as it applies to you and your spouse/partner or any other member of your household, or any entity controlled directly or indirectly by any of above persons: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member etc. from healthcare industry. - Abbott: Advisory Board fees

28/08/2020 71/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Landmesser Ulf	2018 - Medicines Company : Advisory Board fees
	- Amgen : Speaker fees
	- Sanofi Aventis : Speaker fees
	Research funding under your direct/personal responsibility (to department or institution) from healthcare industry Bayer AG: Research Grant
	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Abbott : Advisory Board fees
	- Medicines Company : Advisory Board fees
	- Bayer : Speaker fee
	- Amgen : Speaker fees
	- Sanofi Aventis : Speaker fees
	Research funding from healthcare industry under your direct/personal responsibility (to department or institution).For yourself - Bayer AG: Research Grant
Leclercq Christophe	2018 Financial Declaration
	Direct personal payment as it applies to you and your spouse/partner or any other member of your household, or any entity controlled directly or indirectly by any of above persons: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. from healthcare industry. - Abbott: devices
	- Boston Scientific : devices
	- Medtronic : devices
	- Biotronik : devices

28/08/2020 72/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Leclercq Christophe	2018 Payment to your department or institution or any other body like an association or similar for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. from healthcare industry. - Biotronik: devices
	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Abbott : devices
	- Boston Scientific : devices
	- Medtronic : devices
	- Biotronik : devices
	- Microport : devices
	- Zoll Medical : WCD
Lettino Maddalena	2018 Financial Declaration
	Direct personal payment as it applies to you and your spouse/partner or any other member of your household, or any entity controlled directly or indirectly by any of above persons: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member etc. from healthcare industry. - Daiichi Sankyo: Anticoagulants
	- Pfizer : Anticoagulants
	- Bayer Healthcare : Antithrombotic agents, anticoagulants
	- Sanofi Aventis : Antithrombotic agents, anticoagulants, lipid lowering drugs
	- Astra Zeneca : Antithrombotic agents, statins

28/08/2020 73/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Lettino Maddalena	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Bayer: anticoagulants
	- Daiichi Sankyo : anticoagulants
	- Pfizer : anticoagulants
	- Bristol Myers Squibb : anticoagulants
	- Amgen : lipid-lowering drugs
	- Sanofi Aventis : lipid-lowering drugs
Lewis Basil S	2018 Financial Declaration
	Direct personal payment as it applies to you and your spouse/partner or any other member of your household, or any entity controlled directly or indirectly by any of above persons: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member etc. from healthcare industry. - Pfizer: Antithrombotics
	- Astra Zeneca : Diabetes
	- Merck Sharp & Dohme : Heart failure
	- CSL Behring : Lipidology, Secondary prevention
	Payment to your department or institution or any other body like an association or similar for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. from healthcare industry. - Astrazeneca: Antithrombotics
	- Astra Zeneca : Diabetes
	- Pfizer : Diabetes
	- Merck Sharp & Dohme : Heart failure

28/08/2020 74/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry		
Lewis Basil S	2018 - Kowa : Lipidology	2018	
	- Resverlogix : Lipidology. secondary prevention		
	2019 Financial Declaration		
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, commit member, etc.For yourself - Novo-Nordisk: Diabetes		ommittee
	- Merck Sharp & Dohme : Heart failure		
	- CSL Behring : Lipidology, Secondary prevention		
	Payment from healthcare industry to your department or institution or any other legal body for your personal services: speaker fees honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Pfizer: Diabetes		er fees,
	- Merck Sharp & Dohme : Heart failure		
	- Kowa : Lipidology		
	- Resverlogix : Lipidology. secondary prevention		
Merkely Bela	2018 Financial Declaration		
	Direct personal payment as it applies to you and your spouse/partner or any other member of your household, or any entity control directly or indirectly by any of above persons: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee n etc. from healthcare industry. - Medtronic: CRT course		
	- Abbott : CRT/ICD		
	- Astra Zeneca : HF		
	- Biotronik : ICD/CRT		

28/08/2020 75/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Merkely Bela	Payment to your department or institution or any other body like an association or similar for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. from healthcare industry. - Medtronic : cardiac rhythm management - Boston Scientific : CRT
	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Medtronic: CRT course
	- Abbott : CRT/ICD
	- Astra Zeneca : HF
	- Biotronik : ICD/CRT
	Payment from healthcare industry to your department or institution or any other legal body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Medtronic: cardiac rhythm management
	- Boston Scientific : CRT
Mueller Christian Eugen	2018 Financial Declaration
	Payment to your department or institution or any other body like an association or similar for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. from healthcare industry. - Boehringer-Ingelheim: Antidiabetics
	- Indorsia : Antiplatelet therapy
	- Roche Diagnostics : Diagnostics
	- Sanofi Aventis : Lipid lowering
	- Amgen : Lipid-lowering

28/08/2020 76/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Mueller Christian Eugen	2018 Research funding under your direct/personal responsibility (to department or institution) from healthcare industry Beckman Coulter: Diagnostics
	- OrthoClinical Diagnostics - OrthoClinical Diagnostics
	- Singulex : Diagnostics
	- Abbott Laboratories : Diagnostics
	- Roche Diagnostics : Diagnostics
	- Siemens : Diagnostics
	- Sphingotec : Diagnostics
	- quidel : Diagnostics
	2019 Financial Declaration
	Payment from healthcare industry to your department or institution or any other legal body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Bayer: Anticoagulants
	- Daiichi Sankyo : Anticoagulants
	- Boehringer-Ingelheim : Antidiabetics
	- Astra Zeneca : Anti-Diabetics
	- Idorsia : Antiplatelet therapy
	- Roche Diagnostics : Diagnostics
	- Acon : Diagnostics
	- Novartis : Heart Failure
	- Sanofi Aventis : Lipid lowering
	- Amgen : Lipid-lowering

28/08/2020 77/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert		Type of Relationship with Industry
Mueller Christian Eugen	2019	Research funding from healthcare industry under your direct/personal responsibility (to department or institution).For yourself - Novartis: Diagnostics
		- OrthoClinical Diagnostics : Diagnostics
		- Abbott Laboratories : Diagnostics
		- Roche Diagnostics : Diagnostics
		- Siemens : Diagnostics
		- Sphingotec : Diagnostics
		- quidel : Diagnostics
Petersen Steffen Erhard	2018	Financial Declaration
		Direct personal payment as it applies to you and your spouse/partner or any other member of your household, or any entity controlled directly or indirectly by any of above persons: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. from healthcare industry. - Circle Cardiovascular Imaging, Inc: Cardiac MRI and CT analysis and reporting software - Servier: Heart failure
		Other Positions of Influence
		Direct ownership of shares or direct financial interest in healthcare, media, education companies or in companies related to (suppliers), or in competition with the ESC and its mission: To reduce the burden of cardiovascular disease. - Healthcare - IMAGING - I have option for shares for Circle Cardiovascular Imaging Inc.
	2019	Financial Declaration
		Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Circle Cardiovascular Imaging, Inc: Cardiac MRI and CT analysis and reporting software

28/08/2020 78/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert		Type of Relationship with Industry
Petersen Steffen Erhard	2019	Other Positions of Influence
		Direct ownership of shares or direct financial interest in healthcare, media, education companies or in companies related to (suppliers), or in competition with the ESC and its mission: to reduce the burden of cardiovascular disease. For yourself - Healthcare - IMAGING - Circle Cardiovascular Imaging Inc., Calgary, Canada (25,000 shares at Canadian dollars \$1.50 each.)
		Membership or affiliation in political or advocacy groups working in the field of cardiology.For yourself - Member of the advocacy committee for the Society of Cardiovascular Magnetic Resonance (SCMR).
Petronio Anna Sonia	2018	Financial Declaration
		Direct personal payment as it applies to you and your spouse/partner or any other member of your household, or any entity controlled directly or indirectly by any of above persons: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. from healthcare industry. - Boston Scientific: Percutaneous Aortic and Mitral treatment
		- Medtronic : Percutaneous Aortic and mitral treatment
		- Abbott : Percutaneous Mitral treatment
	2019	Payment to your department or institution or any other body like an association or similar for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. from healthcare industry. - Boston Scientific: TAVI research Financial Declaration
		Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Boston Scientific: Structural heart disease - Abbott: structural valve disease

28/08/2020 79/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert		Type of Relationship with Industry
Petronio Anna Sonia	2019	Payment from healthcare industry to your department or institution or any other legal body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Medtronic: structural heart disease
		Research funding from healthcare industry under your direct/personal responsibility (to department or institution). For yourself - Abbott : coronary disease, valve disease
		- GaDA : valve disease
Priori Silvia Giuliana	2018	Financial Declaration
		Direct personal payment as it applies to you and your spouse/partner or any other member of your household, or any entity controlled directly or indirectly by any of above persons: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. from healthcare industry. - Boston Scientific: Cardiac device
		Payment to your department or institution or any other body like an association or similar for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. from healthcare industry. - Audentes Rx : Gene therapy
		Research funding under your direct/personal responsibility (to department or institution) from healthcare industry Takeda Pharmaceuticals : antiarrhythmic drugs
	2019	Financial Declaration
		Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Boston Scientific : Cardiac Device
		Research funding from healthcare industry under your direct/personal responsibility (to department or institution). For yourself - Takeda Pharmamaceuticals: Anti-arrhythmic drugs

28/08/2020 80/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Richter Dimitrios	2018 Financial Declaration
	Direct personal payment as it applies to you and your spouse/partner or any other member of your household, or any entity controlled directly or indirectly by any of above persons: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member etc. from healthcare industry. - Edwards Lifesciences: aortic stenosis
	- Menarini : CAD- hypertension
	- Unipharma : hypertension-thrombosis
	- Abbott : lipids
	- Amgen : lipids
	- Servier : LIPIDS
	- Sanofi Aventis : Lipids
	- Lilly : Lipids
	- Unilever : lipids
	- Merck Sharp & Dohme : lipids
	- Vianex : lipids
	- RAFARM : LIPIDS
	- ELPEN : LIPIDS-THROMBOSIS
	- Bayer Healthcare : Thrombosis
	- Leo Pharma : THROMBOSIS
	- NovaGEM CYPRUS : THROMBOSIS

28/08/2020 81/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Richter Dimitrios	2019 Financial Declaration
	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Astra Zeneca: diabetes
	- Boehringer-Ingelheim : diabetes
	- Unipharma : hypertension-thrombosis
	- Amgen : lipids
	- Servier : LIPIDS
	- Sanofi Aventis : Lipids
	- Lilly : Lipids
	- Unilever : lipids
	- Merck Sharp & Dohme : lipids
	- Vianex : lipids
	- Mylan : lipids
	- ELPEN : LIPIDS-THROMBOSIS
	- Bayer Healthcare : Thrombosis
	Travel and meeting support from healthcare industry, independent of the above activities.For yourself - Amgen : LIPIDS
	- Bayer : THROMBOSIS
Roffi Marco	2018 Financial Declaration
	Research funding under your direct/personal responsibility (to department or institution) from healthcare industry Boston Scientific: Stents

28/08/2020 82/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Roffi Marco	2018 - Medtronic : Stents
	- Biotronik : stents
	- Terumo Inc : stents
	- Abbott Vascular : stents
	2019 Financial Declaration
	Research funding from healthcare industry under your direct/personal responsibility (to department or institution).For yourself - Boston Scientific: Stents
	- Medtronic : Stents
	- Biotronik : stents
	- GE Healthcare : stents
Shlyakhto Evgeny	2018 Financial Declaration
	Direct personal payment as it applies to you and your spouse/partner or any other member of your household, or any entity controlled directly or indirectly by any of above persons: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee memb etc. from healthcare industry. - Krka Pharma: Arterial Hypertension
	- Novartis : Arterial Hypertension, Heart Failure
	- Merck Sharp & Dohme : Atherosclerosis
	- Boehringer-Ingelheim : Dabigatran for Atrial Fibrillation
	- Pfizer : General Cardiology
	2019
	Nothing to be declared
Simpson Iain A	2018
	Nothing to be declared

28/08/2020 83/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert		Type of Relationship with Industry
Simpson Iain A	2019	
		Nothing to be declared
Sousa Uva Miguel	2018	Financial Declaration
		Direct personal payment as it applies to you and your spouse/partner or any other member of your household, or any entity controlled directly or indirectly by any of above persons: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. from healthcare industry. - Abott: Surgical Valves
	2019	Financial Declaration
		Travel and meeting support from healthcare industry, independent of the above activities. For yourself - Medtronic: Cardiothoracic Surgery
Touyz Rhian	2018	Financial Declaration
		Payment to your department or institution or any other body like an association or similar for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. from healthcare industry. - Novartis: antihypertensive drugs
		- Alnylam : antihypertensive drugs
		Research funding (personal) British Heart Foundation : Hypertension research
		- Medical Research Council, UK : Hypertension research
		Other Positions of Influence
		Membership or affiliation in political or advocacy groups working in the field of cardiology American Heart Association International Society of Hypertension British Irish Hypertension Society

28/08/2020



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Touyz Rhian	Payment from healthcare industry to your department or institution or any other legal body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.For yourself - Novartis: Hypertension Other Positions of Influence
	Any other interest (financial or otherwise) that should be declared in view of holding an ESC position.For yourself - I am Editor in Chief of Clinical Science I am Deputy Editor of Hypertension
Windecker Stephan	Financial Declaration Payment to your department or institution or any other body like an association or similar for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. from healthcare industry. - CSL Behring: Invasive Cardiology - Polares Medical: Invasive Cardiology
	Research funding under your direct/personal responsibility (to department or institution) from healthcare industry. - Abbott : General Cardiology - Boston Scientific : General Cardiology - Edwards Lifesciences : General Cardiology - Medtronic : General Cardiology - Biotronik : General Cardiology - Amgen Inc : General Cardiology - Bristol Myers Squibb : General Cardiology - Bayer AG : General Cardiology - Sinomed : General Cardiology

28/08/2020 85/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry	
Windecker Stephan	2018 Other Positions of Influence	
	Any other interest (financial or otherwise) that should be declared in view of holding an ESC position. - Deputy Editor JACC CV Interventions Section Editor Uptodate Board Member SITEM (Swiss Institute of Translational and Entreprenieur Medicine) Advisor ECRI (European Cardiovascular Research Institute) Course Director, PCR	
	2019 Financial Declaration	
	Research funding from healthcare industry under your direct/personal responsibility (to department or institution).For yourself - Bristol Myers Squibb : Anticoagulation	
	- Amgen : Dyslipidemia	
	- Johnson & Johnson : Electrophysiology and General Cardiology	
	- Daiichi Sankyo : General Cardiology	
	- Terumo Inc : General Cardiology	
	- Sanofi Aventis : General Cardiology	
	- Bayer AG : General Cardiology	
	- CSL Behring : General Cardiology	
	- Cardinal health : General Cardiology	
	- Guerbet AG : General Cardiology	
	- Abbott : Invasive Cardiology	
	- Boston Scientific : Invasive Cardiology	
	- Edwards Lifesciences : Invasive Cardiology	
	- Medtronic : Invasive Cardiology and Electrophysiology	
	- Biotronik : Invasive Cardiology and Electrophysiology	

28/08/2020 86/87



For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2019.

Expert	Type of Relationship with Industry
Windecker Stephan	2019 Other Positions of Influence
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28/08/2020 87/87