



EUROPEAN COMMISSION
DIRECTORATE GENERAL
JOINT RESEARCH CENTRE
Directorate F – Health, Consumers and Reference Materials
Unit F1 Health in Society

European Commission Initiative on Breast Cancer (ECIBC)

Annual Declaration of Interests¹ (DoI) form (version n°2)

Please answer each of the questions below.

(Please insert rows as needed for subsequent or parallel activities of the same nature)

The questions refer to the last five years of activity (January 2017- December 2021).

If the answer to any of the questions is "Yes", please complete the corresponding fields, describing relevant interests and circumstances, as appropriate.

If it is not clear under which category of the form to declare an interest, you can declare it under "Other activities".

If you do not disclose relevant activities of interest for the ECIBC, your role as a working group member may be revised.

If you do not submit a filled-in and signed DoI form, you cannot be involved in the ECIBC activities.

¹According to European Commission's Decision C(2016) 3301 establishing horizontal rules on the creation and operation of Commission expert groups, Articles 2(4) and 11 each member of an expert group has to complete a DoI form

[https://ec.europa.eu/transparency/documents-register/detail?ref=C\(2016\)3301&lang=en](https://ec.europa.eu/transparency/documents-register/detail?ref=C(2016)3301&lang=en)

Definitions and/or explanations:

"Conflict of interest" represents a set of conditions in which professional judgment concerning a primary interest such as the health and well-being of a patient or the validity of research is improperly influenced by a secondary interest.

"Immediate family member" includes the individual's spouse, children and parents, irrespective whether they live at the same address or not.

"Spouse" includes a partner with whom the individual has a registered marital or non-marital regime.

"Children" refers to the child(ren) the individual and the spouse have in common, the own child(ren) of the individual and the own child(ren) of the spouse.

In the corresponding section of the DoI form, please declare (if any) current direct interests related to the topic of breast cancer, i.e. employment, consultancy, strategic advisory role, financial interests, of your immediate family members.

"Legal entity" is any commercial business, industry association, consultancy, research institution or other enterprise whose funding is significantly derived from commercial sources. It also includes independent own commercial businesses, law offices, consultancies or similar.

"Body" implies a governmental, international or non-profit organisation.

"Meeting" includes a series or cycle of meetings.

"BC" refers to breast cancer.

Name and Surname: Francesco Sardanelli

Activities in the last five years (January 2017- December 2021)	Yes/No	Period (From – To)	Information	Details
1. Did you have ownership or financial investments, including stocks or shares in a legal entity with relevance to the topics of the ECIBC which either: <ul style="list-style-type: none">• have a value of more than 10.000 EUR, or <ul style="list-style-type: none">• entitle you to a voting right of 5% or more?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	--	--	--

Activities in the last five years (January 2017- December 2021)	Yes/No	Period (From – To)	Information	Details
2. Did you have a remunerated or non-remunerated position (including consultancy) in a legal entity with relevance to the topics of the ECIBC?	Yes <input checked="" type="checkbox"/>	2017	Policlinico Umberto I, Rome, Italy; public; total amount: 100 €	Lecturer on breast imaging
	No <input type="checkbox"/>	2017	European Society of Radiology/European School of Radiology; Austria; private (non-profit); total amount: 500 €	Lecturer on breast imaging at a Radiology Course
		2017–2021	Bayer Healthcare, Germany; private; total amount: 12,975 €	Advisory board meetings participations; speaker bureau memberships
		2017–2021	Bracco Imaging, Italy / Bracco Suisse, Switzerland; private; total amount: 10,914 €	Advisory board meetings participations; speaker bureau memberships
		2017–2021	General Electric Healthcare, France; private; total amount: 8,050 €	Advisory board meetings participations; speaker bureau memberships
		2017–2020	European Society of Breast Imaging; Austria; private (non-profit); total amount: 3,100 €	Director and lecturer at Breast MRI Courses
		2019	European School of Oncology; Italy; private (non-profit); total amount: 1,000 €	Atelier “Umberto Veronesi”, organizer and lecturer
		2020-2021	Springer Nature Switzerland AG, Switzerland; private; total amount: 425,64 €	Royalties for book publication: Sardanelli F, Podo F (eds.) Breast MRI for high-risk screening, 2020
		2021	Italcert, Italy; private; total amount: 1,000 €	Officer for Breast Unit certifications
	2021	DeepTrace Technologies, Milan, Italy; private; 2,640 €	Consultancy for artificial intelligence applications to medical imaging	

<p>3. Did you have a membership in national or international:</p> <ul style="list-style-type: none"> • organisations • committees, working groups • collaborative platforms • managing bodies • scientific advisory bodies <p>(e.g. Commission expert groups, EU agencies or international organisations) with interest related to topics of the ECIBC?</p>	<p>Yes <input checked="" type="checkbox"/></p> <p>No <input type="checkbox"/></p>	2017	Italian College of Breast Radiology by SIRM	Past-president. Co-author of: Bernardi D, Belli P, Benelli E, Brancato B, Bucchi L, Calabrese M, Carbonaro LA, Caumo F, Cavallo-Marincola B, Clauser P, Fedato C, Frigerio A, Galli V, Giordano L, Giorgi Rossi P, Golinelli P, Morrone D, Mariscotti G, Martincich L, Montemezzi S, Naldoni C, Paduos A, Panizza P, Pediconi F, Querci F, Rizzo A, Saguatti G, Tagliafico A, Trimboli RM, Zappa M, Zuiani C, Sardanelli F. Digital breast tomosynthesis (DBT): recommendations from the Italian College of Breast Radiologists (ICBR) by the Italian Society of Medical Radiology (SIRM) and the Italian Group for Mammography Screening (GISMa). Radiol Med. 2017 Oct;122(10):723-730. doi: 10.1007/s11547-017-0769-z. Epub 2017 May 25. PMID: 28540564; PMCID: PMC5596055.
		2020	Italian College of Breast Radiology by SIRM	Co-author of: Pediconi F, Galati F, Bernardi D, Belli P, Brancato B, Calabrese M, Camera L, Carbonaro LA, Caumo F, Clauser P, Girardi V, Iacconi C, Martincich L, Panizza P, Petrillo A, Schiaffino S, Tagliafico A, Trimboli RM, Zuiani C, Sardanelli F, Montemezzi S. Breast imaging and cancer diagnosis during the COVID-19 pandemic: recommendations from the Italian College of Breast Radiologists by SIRM. Radiol Med. 2020 Oct;125(10):926-930. doi: 10.1007/s11547-020-01254-3.
		2017–2021	European Society of Breast Imaging; Austria; private (non-profit)	Member of the Executive Board, Member of the Advisory Board. Director of the Breast MRI Training Course (from 2022,

				<p>Breast imaging with MRI, opening to CEM).</p> <p>Co-author of the following position paper/guidelines/surveys:</p> <p>1) Sardanelli F, Aase HS, Álvarez M, Azavedo E, Baarslag HJ, Balleyguier C, Baltzer PA, Beslagic V, Bick U, Bogdanovic-Stojanovic D, Briediene R, Brkljacic B, Camps Herrero J, Colin C, Cornford E, Danes J, de Geer G, Esen G, Evans A, Fuchsjaeger MH, Gilbert FJ, Graf O, Hargaden G, Helbich TH, Heywang-Köbrunner SH, Ivanov V, Jónsson Á, Kuhl CK, Lisencu EC, Luczynska E, Mann RM, Marques JC, Martincich L, Mortier M, Müller-Schimpfle M, Ormandi K, Panizza P, Pediconi F, Pijnappel RM, Pinker K, Rissanen T, Rotaru N, Saguatti G, Sella T, Slobodníková J, Talk M, Taourel P, Trimboli RM, Vejborg I, Vourtsis A, Forrai G. Position paper on screening for breast cancer by the European Society of Breast Imaging (EUSOBI) and 30 national breast radiology bodies from Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Israel, Lithuania, Moldova, The Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Spain, Sweden, Switzerland and Turkey. Eur Radiol. 2017 Jul;27(7):2737-2743. doi: 10.1007/s00330-016-4612-z.</p> <p>2) Sardanelli F, Fallenberg EM, Clauser P, Trimboli RM, Camps-Herrero J, Helbich TH, Forrai G; European Society of Breast Imaging (EUSOBI), with language review by Europa Donna–The</p>
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				<p>European Breast Cancer Coalition. Mammography: an update of the EUSOBI recommendations on information for women. Insights Imaging. 2017 Feb;8(1):11-18. doi: 10.1007/s13244-016-0531-4.</p> <p>3) Clauser P, Mann R, Athanasiou A, Prosch H, Pinker K, Dietzel M, Helbich TH, Fuchsjäger M, Camps-Herrero J, Sardanelli F, Forrai G, Baltzer PAT. A survey by the European Society of Breast Imaging on the utilisation of breast MRI in clinical practice. Eur Radiol. 2018 May;28(5):1909-1918. doi: 10.1007/s00330-017-5121-4.</p> <p>4) Evans A, Trimboli RM, Athanasiou A, Balleyguier C, Baltzer PA, Bick U, Camps Herrero J, Clauser P, Colin C, Cornford E, Fallenberg EM, Fuchsjaeager MH, Gilbert FJ, Helbich TH, Kinkel K, Heywang-Köbrunner SH, Kuhl CK, Mann RM, Martincich L, Panizza P, Pediconi F, Pijnappel RM, Pinker K, Zackrisson S, Forrai G, Sardanelli F; European Society of Breast Imaging (EUSOBI) , with language review by Europa Donna–The European Breast Cancer Coalition. Breast ultrasound: recommendations for information to women and referring physicians by the European Society of Breast Imaging. Insights Imaging. 2018 Aug;9(4):449-461. doi: 10.1007/s13244-018-0636-z.</p> <p>5) Bick U, Trimboli RM, Athanasiou A, Balleyguier C, Baltzer PAT, Bernathova M, Borbély K, Brkljacic B, Carbonaro LA, Clauser P, Cassano E, Colin C, Esen G, Evans A, Fallenberg EM, Fuchsjaeager MH, Gilbert FJ, Helbich TH, Heywang-Köbrunner SH, Herranz M, Kinkel K,</p>
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				<p>Kilburn-Toppin F, Kuhl CK, Lesaru M, Lobbes MBI, Mann RM, Martincich L, Panizza P, Pediconi F, Pijnappel RM, Pinker K, Schiaffino S, Sella T, Thomassin-Naggara I, Tardivon A, Ongeval CV, Wallis MG, Zackrisson S, Forrai G, Herrero JC, Sardanelli F; European Society of Breast Imaging (EUSOBI), with language review by Europa Donna–The European Breast Cancer Coalition. Image-guided breast biopsy and localisation: recommendations for information to women and referring physicians by the European Society of Breast Imaging. <i>Insights Imaging</i>. 2020 Feb 5;11(1):12. doi: 10.1186/s13244-019-0803-x.</p> <p>6) Trimboli RM, Capra D, Codari M, Cozzi A, Di Leo G, Sardanelli F. Breast arterial calcifications as a biomarker of cardiovascular risk: radiologists' awareness, reporting, and action. A survey among the EUSOBI members. <i>Eur Radiol</i>. 2021 Feb;31(2):958-966. doi: 10.1007/s00330-020-07136-6.</p> <p>7) Schiaffino S, Pinker K, Magni V, Cozzi A, Athanasiou A, Baltzer PAT, Camps Herrero J, Clauser P, Fallenberg EM, Forrai G, Fuchsjäger MH, Helbich TH, Kilburn-Toppin F, Kuhl CK, Lesaru M, Mann RM, Panizza P, Pediconi F, Pijnappel RM, Sella T, Thomassin-Naggara I, Zackrisson S, Gilbert FJ, Sardanelli F. Axillary lymphadenopathy at the time of COVID-19 vaccination: ten recommendations from the European Society of Breast Imaging (EUSOBI). <i>Insights Imaging</i>. 2021 Aug 20;12(1):119. doi: 10.1186/s13244-021-01062-x.</p>
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				<p>8) Mann RM, Athanasiou A, Baltzer PAT, Camps-Herrero J, Clauser P, Fallenberg EM, Forrai G, Fuchsjäger MH, Helbich TH, Killburn-Toppin F, Lesaru M, Panizza P, Pediconi F, Pijnappel RM, Pinker K, Sardanelli F, Sella T, Thomassin-Naggara I, Zackrisson S, Gilbert FJ, Kuhl CK; European Society of Breast Imaging (EUSOBI). Breast cancer screening in women with extremely dense breasts recommendations of the European Society of Breast Imaging (EUSOBI). <i>Eur Radiol.</i> 2022 Mar 8. doi: 10.1007/s00330-022-08617-6.</p>
		2017–2021	European Institute for Biomedical Imaging Research; Vienna, Austria; private (non-profit), founded by the European Society of Radiology	Member of the Scientific Advisory board; director of the EuroAIM (European Network for Assessment of Imaging in Medicine)
		2020–2021	European Society of Breast Cancer Specialists (EUSOMA)	Member of the Executive Committee
		2019–2021	Accademia di Senologia “Umberto Veronesi”; Milan, Italy; private (non-profit)	Member of the Comitato Tecnico-Scientifico
		2020–2021	European Breast Cancer Conference 12 and 13;	Member of the EBCC Council. Co-author of the EBCC12 Manifesto: Cardoso F, MacNeill F, Penault-Llorca F, Eniu A, Sardanelli F, Nordström EB, Poortmans P. Why is appropriate healthcare inaccessible for many European breast cancer patients? - The EBCC 12 manifesto. <i>Breast.</i> 2021 Feb;55:128-135. doi: 10.1016/j.breast.2020.12.010.

Have you been an investigator in research studies with relevance to the topics of the ECIBC?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	2017	Principal Investigator (PI)	Mauri G, Sconfienza LM, Pescatori LC, Fedeli MP, Ali M, Di Leo G, Sardanelli F. Technical success, technique efficacy and complications of minimally-invasive imaging-guided percutaneous ablation procedures of breast cancer: A systematic review and meta-analysis. Eur Radiol. 2017 Aug;27(8):3199-3210. doi: 10.1007/s00330-016-4668-9.
		2017	PI	Berger N, Luparia A, Di Leo G, Carbonaro LA, Trimboli RM, Ambrogi F, Sardanelli F. Diagnostic Performance of MRI Versus Galactography in Women With Pathologic Nipple Discharge: A Systematic Review and Meta-Analysis. AJR Am J Roentgenol. 2017 Aug;209(2):465-471. doi: 10.2214/AJR.16.16682.
		2019	PI	Zanardo M, Cozzi A, Trimboli RM, Labaj O, Monti CB, Schiaffino S, Carbonaro LA, Sardanelli F. Technique, protocols and adverse reactions for contrast-enhanced spectral mammography (CESM): a systematic review. Insights Imaging. 2019 Aug 2;10(1):76. doi: 10.1186/s13244-019-0756-0.
		2020	Co-PI	Schiaffino S, Calabrese M, Melani EF, Trimboli RM, Cozzi A, Carbonaro LA, Di Leo G, Sardanelli F. Upgrade Rate of Percutaneously Diagnosed Pure Atypical Ductal Hyperplasia: Systematic Review and Meta-Analysis of 6458 Lesions. Radiology. 2020 Jan;294(1):76-86. doi: 10.1148/radiol.2019190748.
		2020–2021	PI (MIPA study)	1) Sardanelli F, Trimboli RM, Houssami N, Gilbert FJ, Helbich TH, Alvarez

				<p>Benito M, Balleyguier C, Bazzocchi M, Bult P, Calabrese M, Camps Herrero J, Cartia F, Cassano E, Clauser P, de Andrade DA, de Lima Docema MF, Depretto C, Forrai G, Girometti R, Harms SE, Hilborne S, Ienzi R, Lobbes MBI, Losio C, Mann RM, Montemezzi S, Obdeijn IM, Ozcan UA, Pediconi F, Preibsch H, Raya-Povedano JL, Sacchetto D, Scaperrotta GP, Schlooz M, Szabo BK, Ulus OS, Taylor DB, Van Goethem M, Veltman J, Weigel S, Wenkel E, Zuiani C, Di Leo G. Solving the preoperative breast MRI conundrum: design and protocol of the MIPA study. Eur Radiol. 2020 Oct;30(10):5427-5436. doi: 10.1007/s00330-020-06824-7.</p> <p>2) Sardanelli F, Trimboli RM, Houssami N, Gilbert FJ, Helbich TH, Álvarez Benito M, Balleyguier C, Bazzocchi M, Bult P, Calabrese M, Camps Herrero J, Cartia F, Cassano E, Clauser P, Cozzi A, de Andrade DA, de Lima Docema MF, Depretto C, Dominelli V, Forrai G, Girometti R, Harms SE, Hilborne S, Ienzi R, Lobbes MBI, Losio C, Mann RM, Montemezzi S, Obdeijn IM, Ozcan UA, Pediconi F, Pinker K, Preibsch H, Raya Povedano JL, Sacchetto D, Scaperrotta GP, Schiaffino S, Schlooz M, Szabó BK, Taylor DB, Ulus ÖS, Van Goethem M, Veltman J, Weigel S, Wenkel E, Zuiani C, Di Leo G. Magnetic resonance imaging before breast cancer surgery: results of an observational multicenter international prospective analysis (MIPA). Eur Radiol. 2022 Mar;32(3):1611-1623. doi: 10.1007/s00330-021-08240-x.</p>
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Activities in the last five years (January 2017- December 2021)	Yes/No	Period (From – To)	Information	Details
		2021	PI	Cozzi A, Magni V, Zanardo M, Schiaffino S, Sardanelli F. Contrast-enhanced Mammography: A Systematic Review and Meta-Analysis of Diagnostic Performance. Radiology. 2022 Mar;302(3):568-581. doi: 10.1148/radiol.211412. Epub 2021 Dec 14..
For the mentioned research studies (under point 4), did you receive research support?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	2013-2022	Only for the MIPA study. Unrestricted grant by Bayer Healthcare, Germany; private; total budget: 420,000 € to the European Institute for Biomedical Imaging Research (EIBIR) which managed the study administration. No money paid to Prof. Francesco Sardanelli.	MIPA. See above mentioned 2 publications: 1) doi: 10.1007/s00330-020-06824-7; 2) doi: 10.1007/s00330-021-08240-x.
Do you have intellectual property rights (IPR) related to the topics of the ECIBC (e.g. patents, trademarks, copyrights)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	--	--	--
Did any of your immediate family members have direct interests related to the topics of the ECIBC that could undermine your independence?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	--	--	--
Did you take part in other activities with interests related to the topics of the ECIBC?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	--	--	--

Notes:

If you declared any direct interests of your immediate family members, it is your responsibility to inform them about how data on their interests are collected and published² before you send the DoI form to the Joint Research Centre (JRC), European Commission.

After submission of this form, you need to inform the JRC in case of any new activity by sending a message as soon as possible to JRC-CANCER-POLICY-SUPPORT@ec.europa.eu.

I hereby declare the information disclosed in this form is true and complete to the best of my knowledge.

I agree my DoI form to be publicly available on the JRC Healthcare Quality website, during the European Commission Initiative on Breast Cancer working group membership³.

I am informed that my personal data are stored, processed and published by the European Commission in accordance with Regulation (EU) 2018/1725⁴.

Name and Surname: Francesco Sardanelli

Date: April 20, 2022

Signature:

Place: San Donato Milanese, Milan, Italy

²Personal data processing including the Declaration of Interests

<https://ec.europa.eu/dpo-register/detail/DPR-EC-00656>

³Note: Technical measures are in place to ensure that search engines do not index the content from the Declaration of Interests form.

⁴Protection of individuals with regard to the processing of personal data

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