

DECLARATION OF FINANCIAL INTERESTS OR RELATIONSHIPS

Invited Faculty and Speakers

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- Presenting CME activities that promote improvements or quality in healthcare and are independent of commercial interests.

Therefore, it is the policy of the Society that any person who has influence over the content of a program designated for *AMA PRA Category 1 Credits™* must disclose any real or apparent financial interest or relationship (i.e., grants, research support, consultant, honoraria) that they or their spouse/partner have had in the last 12 months with “any entity producing, marketing, re-selling, or distributing health care goods or services consumed by, or used on, patients.”

The ISMRM does not imply that such relationships are inherently improper or that such interests would prevent the speaker or organizer from making an objective contribution. However, it is imperative that these relationships are identified in order to manage or resolve potential conflicts of interest before the program, and participants at the CME activity may have these facts fully disclosed in advance. It then remains for the audience to determine whether an individual’s outside interests may reflect a possible bias in either the exposition or conclusions presented.

If individuals have disclosed real or apparent financial interests or relationships, the interests or relationships are described.

Invited Faculty and Speakers with Financial Interests or Relationships

Ambale-Venkatesh, Bharath	No relevant financial relationships
An, Hongyu	No relevant financial relationships
Banerjee, Suchandrima	No relevant financial relationships
Barbier, Emmanuel	No relevant financial relationships
Bieri, Oliver	No relevant financial relationships
Boesen, Mikael	Consulting Fee: Image Analysis Group; Speaker Honoraria: Abbvie; Stock Ownership: Image Analysis Group, London UK; Employment: Image Analysis Group, London UK; Chairman of the scientific and clinical advisory board: Travelgrant to ESSR and Weightbearing Imaging Meeting Esaote, LTD, Genoa, Italy
Boskamp, Ed	No relevant financial relationships
Brau, Anja	No relevant financial relationships
Chandarana, Hersh	Research support in form of hardware and software
Chaudhari, Akshay	Consulting Fee: Skope Magnetic Resonance Technologies, Subtle Medical
Choi, Jung-Ah	Grant/Research Support: Dongkook Pharma
Conroy, Mark	Stock Ownership: Medtronic; Employment: Medtronic
Dighe, Manjiri	No relevant financial relationships
Doneva, Mariya	No relevant financial relationships
Fan, Audrey	No relevant financial relationships
Fischer, Hubertus	No relevant financial relationships
Fowler, Amy	In kind research support
Garpebring, Anders	Stock Ownership: Nonpi Medical AB
Glocker, Ben	Grant/Research Support: Microsoft Research; Scientific Advisor: Kheiron Medical Technologies, Definiens
Gold, Garry	No relevant financial relationships
Goodwill, Patrick	Stock Ownership: Magnetic Insight, Inc.; Employment: Magnetic Insight, Inc.
Gowland, Penny	Consulting Fee: Lyndra

Graves, Martin	No relevant financial relationships
Grenier, Nicolas	Grant/Research Support: Guerbet, Financing ECR 2016 & 2017
Griswold, Mark	No relevant financial relationships
Gulani, Vikas	No relevant financial relationships
Haider, Masoom	Grant/Research Support: Profound Medical; Consulting Fee: Bayer
Harvey, Paul	No relevant financial relationships
Hetts, Steven	Grant/Research Support: Stryker, MicroVention Terumo; Consulting Fee: Neuravi; Stock Ownership: Medina
Higgins, David	No relevant financial relationships
Ibrahim, El-Sayed	Book Author:"Heart Mechanics. Magnetic Resonance Imaging - The Complete Guide"
Kang, Stella	Employment: Wolters Kluwer
Kawaji, Keigo	Research support and Consultant fees: Myocardial Solutions
Khong, Pek-Lan	Speaker Honoraria: Guerbet
Klomp, Dennis	Grant/Research Support: Mrcoils
Koch, Kevin	No relevant financial relationships
Kogan, Feliks	No relevant financial relationships
Koktzoglou, Ioannis	No relevant financial relationships
Laun, Frederik	Grant/Research Support: HQ Imaging
Leussler, Christoph	No relevant financial relationships
Li, Debiao	No relevant financial relationships
Lustig, Michael	Stock Ownership: InkSpace Imaging
Ma, Dan	No relevant financial relationships
MacKay, James	No relevant financial relationships
Macura, Katarzyna	Grant/Research Support: Profound Medical Corp
Martinoli, Carlo	Consulting Fee: Pfizer
McGivney, Debra	No relevant financial relationships
McMahon, Michael	Stock Ownership: SenCEST LLC
McWalter, Emily	No relevant financial relationships
Meyer, Craig	No relevant financial relationships
Miller, Jack	Grant/Research Support: Novo Nordisk
Moonen, Chrit	Grant/Research Support: Profound Medical
Morana, Giovanni	No relevant financial relationships
Mori, Susumu	Grant/Research Support: AnatomyWorks; Consulting Fee: AnatomyWorks Employment: AnatomyWorks
Nael, Kambiz	Medical Advisory Board: Olea Medical
Nagel, Armin Michael	No relevant financial relationships
Obruchkov, Sergei	Grant/Research Support: Superconducting Systems Inc.
Ohno, Yoshiharu	Grant/Research Support: Canon Medical Systems Corporation
O'Regan, Declan	Grant/Research Support:NVIDIA
Overall, William	Stock Ownership: HeartVista, Inc; Employment: HeartVista, Inc
Oz, Gulin	Grant/Research Support: Takeda Pharmaceuticals, Inc., NeuroVia, Inc.
Pauly, John	Consulting Fee: HeartVista, Subtle Medical; Consulting Member: Technical Advisory BoardHeartVista; Ownership Interest: HeartVista
Pedoia, Valentina	No relevant financial relationships
Pipe, James	No relevant financial relationships
Pruessmann, Klaas	Grant/Research Support: Skope Magnetic Resonance Technologies, Research funding within a public-private grant scheme (Swiss Commission for Technology and Innovation)ShareholderI am a co-founder and shareholder of Gyrotools LLC and Skope Magnetic Resonance Technologies AG.
Reeder, Scott	Stock: Calimetrix LLC, Reveal Pharmaceuticals, Elucent Medical
Rimola, Jordi	Grant/Research Support: Robarts Clinical Research; Consulting Fee: Takeda; Speaker Honoraria: Abbvie
Roemer, Peter	No relevant financial relationships

Rueckert, Daniel	Stock Ownership: IXICO
Runge, Val	Grant/Research Support: Guerbet
Sabate, Juan	No relevant financial relationships
Sampath, Smita	Employment: Merck Sharp and Dohme
Santos, Juan	Stock Ownership: HeartVista, Inc.
Sardanelli, Francesco	Support for meeting participation, Honoraria for Advisory Board and Breast Academy participation, Grant/Research: Real Imaging Ltd
Schweser, Ferdinand	Grant/Research Support: Goodwin Procter LLP
Seiberlich, Nicole	No relevant financial relationships
shankaranarayanan, ajit	Ownership Interest: HealthLytix, equity; Employment: HealthLytix
Shepherd, Timothy	Grant/Research Support: BrainLab AG
Skare, Stefan	No relevant financial relationships
Sourbron, Steven	Grant/Research Support: Innovative Medicines Initiative
Stang, Pascal	Consulting Fee: Procyon Engineering; Employment: Google / Alphabet
Sutton, Bradley	Grant/Research Support: Abbott Nutrition
Szczepankiewicz, Filip	Grant/Research Support: Random Walk Imaging AB (formerly CR Development)
Takahara, Taro	Grant/Research Support: PixSpace
Tang, An	Grant/Research Support: Imagia
Taoka, Toshiaki	No relevant financial relationships
Taouli, Bachir	Grant/Research Support: Guerbet, Bayer; Consulting Fee: Median technologies
Taviani, Valentina	No relevant financial relationships
Tempany-Afdhal, Clare	Grant/Research Support: InSightec Inc, Gilead Sciences; Consulting Fee: Profound medical; Stock Ownership: Sprinkbank pharmaceuticals, TRIO
Twieg, Michael	No relevant financial relationships
Uecker, Martin	Employment: Max-Planck Innovation GmbH
van Beek, Edwin	Grant/Research Support: QCTIS Ltd; Consulting Fee: Aidence
van den Berg, Cornelis	Minority shareholder: MRCode b.v.
van den Brink, Johan	No relevant financial relationships
van Ginneken, Bram	Grant/Research Support: Thirona, Delft Imaging Systems; Consulting Fee: Thirona; Stock Ownership: Thirona; Employment: Delft Imaging Systems
Vasanawala, Shreyas	Grant/Research Supporters: Arterys
Voets, Natalie	Co-investigator on an Investigator-initiated grant: Medtronic
Warntjes, Marcel	Stock Ownership: SyntheticMR; Employment: SyntheticMR
Waterton, John	Employment: Bioxydyn Ltd
Wech, Tobias	No relevant financial relationships
Wieben, Oliver	No relevant financial relationships
Wu, Ona	Consulting Fee: Penumbra; Royalty and licensing fees: General Electric, Olea Medical, Imaging Biometrics
Yuan, Chun	No relevant financial relationships
Zaitsev, Maxim	Grant/Research Support: KinetiCor Inc.
Zhou, Xiaohong Joe	Grant/Research Support: Abbvie, Inc.; Consulting Fee: Horizon Medical Physics Services

Invited Faculty and Speakers without Financial Interests or Relationships

Abe, Osamu	Altbach, Maria	Barth, Markus	Benders, Manon
Adler, Ronald	Anderson, Ariana	Bastiaansen, Jessica	Bennett, Kevin
Aggarwal, Manisha	Andreisek, Gustav	Bathen, Tone	Bilgic, Berkin
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Bowtell, Richard	Glastonbury, Christine	Law, Ian	Ringstad, Geir
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Breuer, Felix	Gochberg, Daniel	Liang, Zhi-Pei	Rockall, Andrea
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Budde, Matthew	Grant, Patricia	Liu, Thomas	Ronen, Itamar
Cabral, Horacio	Gudino, Natalia	Liu, Peiyang	Rosen, Matthew
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Chan, Kannie WY	Hodgson, Richard	Madelin, Guillaume	Schmidt, Rita
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Chen, Cheng-Yu	Huang, Susie	Maly Sundgren, Pia	Siauve, Nathalie
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Choyke, Peter	Ianus, Andrada	Mullins, Paul	Sosnovik, David
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Cloos, Martijn	Ippolito, Joseph	Nayak, Krishna	Stapf, Siegfried
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Westenberg, Jos
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Wu, Xiaoping
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Ye, Jong Chul
Ying, Leslie
Yu, Xin
Zahr, Natalie
Zbyn, Stefan
Zhu, Xiao-Hong