ISMRM 27TH ANNUAL MEETING & EXHIBITION

DECLARATION OF FINANCIAL INTERESTS OR RELATIONSHIPS

Invited Faculty and Speakers

The ISMRM is committed to:

- Ensuring balance, independence, objectivity and scientific rigor in all Continuing Medical Education (CME) programs; and
- 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*TM 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

Ahmad, Rizwan	Grant/Research Support: Siemens
Barmet, Christoph	Grant/Research Support: Skope Magnetic Resonance Technologies
Benveniste, Helene	Grant/Research Support: Leducq Foundation, NIH
Bilgic, Berkin	Consulting Fee: Subtle Medical
Bock, Michael	Grant/Research Support: Nukem Isotopes, Siemens
Bollmann, Saskia	Employment: Siemens
Brunner, David	Ownership Interest: Skope Magnetic Resonance Technologies
Bulte, Jeff	Grant/Research Support: Philips, Weinberg Medical Physics LLC; Consulting Fee: Novadip Biosciences, S.A.
Caravan, Peter	Grant/Research Support: Bruker Biospin, Indalo Therapeutics, Pliant Therapeutics; Consulting Fee: Collegen Medical; Ownership Interest: Reveal Pharmaceuticals
Chandarana, Hersh	Grant/Research Support: Siemens; Patent/Provisional Patent: NYU
Chang, Silvia	Speaking/Teaching Honoraria: TerSera
Chen, Yong	Grant/Research Support: Siemens
Choi, Yoon Seong	Ownership Interest: MediWhale
Collins, Jeremy	Grant/Research Support: Siemens
Deoni, Sean	Grant/Research Support, Consulting Fee: Nestle
Descoteaux, Maxime	Ownership Interest: Imeka Solutions, Inc.
Ehman, Richard	Employment, Grant/Research Support, Ownership Interest: Resoundant, Inc.
Ellermann, Jutta	Grant/Research Support: NIH
Fritz, Jan	Grant/Research Support, Intellectual Property Rights, Consulting Honoraria: Siemens; Advisory Board Member: General Electric

Furlan, Alessandro	Grant/Research Support: General Electric; Royalties: Elsevier/Amirsys
Fütterer, Jurgen	Grant/Research Support: Profound Medical; Consulting Fee: Biolitec
Gallagher, Ferdia	Grant/Research Support: General Electric, Glaxo-SmithKline
Gaudet, Jeff	Employment, Grant/Research Support, Ownership Interest: Magnetic Insight
Giraudo, Chiara	Employment: QBGROUP srl; Travel/Accommodations Support: Bracco
Golland, Polina	Grant/Research Support: Wistron; Consulting Fee: AWS; Speakers Bureau: Hanalytics; Ownership Interest: Iterative Scopes
Goodson, Boyd	Ownership Interest: XeUS Technologies LTD
Guimaraes, Alexander	Consulting Fee: Merck Pharmaceuticals
Gulani, Vikas	Grant/Research Support, Royalties: Siemens
Hernando, Diego	Ownership Interest: Calimetrix, LLC
Heverhagen, Johannes	Grant/Research Support
Higgins, David	Employment: Philips
Huang, Susie	Grant/Research Support: Siemens
Ipek, Özlem	Consulting Fee: Nestec, Ltd.
Jagadeesan, Jayender	Grant/Research Support: Navigation Sciences, Siemens; Consulting Fee, Ownership Interest: Navigation Sciences
Jansen, Floris	Employment: General Electric
Jhaveri, Kartik	Grant/Research Support: Bayer Healthcare/Bayer Schering, General Electric
Jonas, Eric	Grant/Research Support: Amazon Web Services, Google
Judd, Robert	Ownership Interest: Heart Imaging Technologies
Kan, Hermien	Grant/Research Support: ImagingDMD-UF, NWO, Philips
Kang, Stella	Royalty: Wolters Kluwer
Karampinos, Dimitrios	Grant/Research Support: Philips
Kettunen, Mikko	Shared Intellectual Property: General Electric
Kolind, Shannon	Grant/Research Support: F. Hoffmann-La Roche Ltd., Sanofi Genzyme
Korosec, Frank	Grant/Research Support: General Electric
Larson, Peder	Grant/Research Support: General Electric; Consulting Fee: Human Longevity
Lattanzi, Riccardo	Consulting Fee, Ownership Interest: Q Bio
Lee, Jeong Min	Grant/Research Support: General Electric, Philips, Siemens
Leiner, Tim	Speakers Bureau Financial Compensation for Department
Lim, Ruth	Grant/Research Support: Boehringer Ingelheim
Lin, Alexander	Grant/Research Support: Agios Pharmaceuticals, Biomarin Pharmaceuticals; Consulting Fee: Moncton MRI; Ownership Interest: BrainSpec, Inc.
Linninger, Andreas	Grant/Research Support: NIH, NSF
Madore, Bruno	Patents
Majumdar, Sharmila	Grant/Research Support: General Electric
Malyarenko, Dariya	Intellectual Property Rights: Philips Medical Systems
Miller, Corin	Employment, Ownership Interest: Merck & Co., Inc.
Miyazaki, Mitsue	Employment: Canon
Muir, Andrew	Grant/Research Support: Abbvie, Gilead; Consulting Fee: Abbvie
Nagel, Armin Michael	Grant/Research Support: Siemens
Nayak, Krishna	Ownership Interest: Lively Sensors, LLC

Nazarian, Saman	Grant/Research Support: Biosense Webster (Johnson and Johnson), ImriCor, Siemens; Consulting Fee: CardioSolv
Nilsson, Markus	Ownership Interest: Random Walk Imaging
Oerther, Claudia	Employment: Bruker Biospin
O'Halloran, Rafael	Employment: Hyperfine Research, Inc.
Overweg, Johan	Employment: Philips
Paech, Daniel	Grant/Research Support: Siemens
Parasoglou, Prodromos	Employment: Regeneron Pharmaceuticals, Inc.
Pennell, Dudley	Grant/Research Support: Bayer Healthcare/Bayer Schering, La Jolla, Siemens; Ownership Interest: CVIS
Pipe, James	Grant/Research Support: Philips
Pritzker, Kenneth	Consulting Fee: Rna Diagnostics; Ownership Interest: KeyIntel Medical, Proteocyte Diagnostics, SWAN Cytologics
Quarles, Chad	Grant/Research Support: Blue Earth Diagnostics
Quick, Harald	Grant/Research Support: Siemens
Ramsey, Nicolas	Ownership Interest: fMRI startup
Reinhold, Caroline	Grant/Research Support: FRSQ
Reykowski, Arne	Employment: Philips
Robb, Fraser	Employment: General Electric
Roy, Trisha	Employment, Ownership Interest: Magellan Biomedical, Inc.
Rueckert, Daniel	Grant/Research Support: BHF, EPSRC, ERC, Heartflow; Employment: Heartflow; Consulting Fee: IXICO
Runge, Val	Grant/Research Support: Bayer Healthcare/Bayer Schering, Guerbet
Rusu, Mirabela	Ownership Interest: General Electric
Sadleir, Rosalind	Ownership Interest: EIT Pty Ltd.
Schiebler, Mark	Ownership Interest: Healthmyne Inc., Stemina Biomarker Discovery Inc., X-Vax Inc.
Schnell, Susanne	Travel Support, Speaker Fee: Circle Cardiovascular Imaging, Inc.
Schulte, Rolf	Employment: General Electric
Setsompop, Kawin	Grant/Research Support: Siemens; Royalties: General Electric, Philips
Shapiro, Erik	Ownership Interest: Shape Scientific
Smits, Marion	Honorarium: Parexel
Speck, Oliver	Grant/Research Support: Siemens; Ownership Interest: Kineticor
Stäb, Daniel	Employment, Ownership Interest: Siemens
Stockmann, Jason	Consulting Fee: Inkspace Imaging, Inc.
Stuber, Matthias	Grant/Research Support: Siemens, Swiss National Science Foundation
Stufflebeam, Steven	Grant/Research Support: Siemens; Consulting Fee: Eikonizo Therapeutics; Employment, Ownership Interest: Functional Imaging of Neural Datasets, LLC
Takahashi, Satoru	Grant/Research Support: Siemens
Tamir, Jonathan	Grant/Research: General Electric; Consulting Fee, Ownership Interest: Subtle Medical
Tamrazi, Benita	Grant/Research Support: Bayer Healthcare/Bayer Schering
Taviani, Valentina	Employment: General Electric
van Oort, Johannes	Employment, Ownership Interest: Tesla Engineering, Ltd.; Ownership Interest: Alltech Medical Systems
van Osch, Matthias	Grant/Research Support: Philips

van Zijl, Peter	Grant/Research Support, Speaking/Teaching Honoraria: Philips
Vardakis, John	Grant/Research Support: FP7 European Union's Research & Innovation Funding Programme for 2007-2013
Vigneron, Daniel	Grant/Research Support: General Electric
Vinogradov, Elena	Institution Master Research Agreement: Philips
Wang, Yi	Ownership Interest: Medimagemetric, LLC
Warntjes, Marcel	Consulting Fee, Ownership Interest: SyntheticMR AB
Westphalen, Antonio	Grant/Research Support: General Electric; Consulting Fee: 3D Biopsy LLC
Wieben, Oliver	Grant/Research Support: General Electric
Wilson, David	Grant/Research Support: Medtronic
Woods, Jason	Grant/Research Support: Grifols, Vertex Pharmaceuticals
Wu, Ona	Consulting Fee: Penumbra Inc, Genentech; Intellectual Property Rights: General Electric, Imaging Biometrics, Olea Medical, Siemens
Yamada, Shigeki	Speakers Bureau: Fujifilm Medical
Yamada, Shinya	Consulting Fee: Canon
Young, Alistair	Grant/Research Support: Siemens
Zaitsev, Maxim	Grant/Research Support: KinetiCor Inc., Siemens

Invited Faculty and Speakers without Financial Interests or Relationships

Arbel, Tal Assländer, Jakob Axel, Leon Baessler, Bettina Balchandani, Priti Ball, Gareth Baram, Tallie Z. Berman, Avery Betzel, Richard Bittencourt, Leonardo Blaimer, Martin Blitz, Ari Bluemke, David Bodini, Benedetta Boer, Vincent Boesch, Chris Bollmann, Steffen Bowtell, Richard Boxerman, Jerrold Brink, Wyger Brown, Gina Brown, Ryan Bulte, Daniel Burge, Alissa Caballero-Gaudes, César Callaghan, Martina Cameron, Donnie

Campbell, Jennifer Campbell-Washburn, Adrienne Carare, Roxana Carlier, Pierre Cercignani, Mara Chan, Kannie WY Chan, Kevin Chang, Catie Chappell, Michael Chen, Xiaoyuan Chernyak, Victoria Choe, Ann Choi, Jung-Ah Choi, Seung Hong Chung, Christine Ciris, Pelin Cukur, Tolga de Graaf, Robin De Zanche, Nicola Delikatny, E. Jim Demetriou, Eleni Dillman, Jonathan Does, Mark Duhamel, Guillaume Duval, Tanguy El Fakhri, Georges Emir, Uzay

Ertl-Wagner, Birgit Essig, Marco Ewing, James Feldman, Rebecca Feng, Li Ferreira, Pedro Foster, Paula Fowler, Kathryn Fracasso, Alessio Frass-Kriegl, Roberta Froeling, Martijn Frydman, Lucio Furukawa, Akira Galiana, Gigi Gauthier, Claudine Geethanath, Sairam Genon, Sarah Gilbert, Kyle Glunde, Kristine Gochberg, Daniel Gold, Garry Gonen, Mithat Gowland, Penny Graham, Alice Grandjean, Joanes Grazioli, Luigi Grissom, William Griswold, Mark

Guerin, Bastien Haider, Masoom Halse, Meghan Hanneman, Kate Hanson, Lars Harisinghani, Mukesh Havlicek, Martin Hedjazi Moghari, Mehdi Hernandez-Garcia, Luis Herzka, Daniel Hindman, Nicole Hornsey, Emma Huber, Laurentius Hussain, Hero Hutter, Jana Inglese, Matilde Jespersen, Sune Juchem, Christoph Kalpathy-Cramer, Jayashree Kamagata, Koji Kamishima, Tamotsu Kamiya, Kouhei Karampinos, Dimitrios Katscher, Ulrich Keenan, Kathryn Kido, Aki Kijowski, Richard

Kim, Bum Soo Kim, Dong-Hyun King, Kevin Kiryu, Shigeru Kiselev, Valerij Knoll, Florian Knutsson, Linda Kober, Frank Kockum, Karin Krssák, Martin Kuroda, Kagayaki Kuhl, Christiane Laganà, Maria Marcella Lam, Fan Landheer, Karl Lange, Thomas Lau, Angus Le Bihan, Denis Lee, Seung Kyun Lee, Young Han Lewis, Laura Li, Yang Liu, Fang Liu, Hesheng Liu, Zhongming Löbel, Ulrike Lou, Xin Macgowan, Christopher Madelin, Guillaume Maly Sundgren, Pia Mangia, Silvia Markenroth Bloch, Karin

Matsumura, Akira Mazzoli, Valentina Merritt, Matthew Meyerspeer, Martin Morris, Elizabeth Moskowitz, Chaya Murakami, Takamichi Mutsaerts, Henk Neeman, Michal Nelson, Sarah Nguyen, Christopher Nissi, Mikko Noroozian, Mitra Nunes, Rita Obaid, Haron **Obungoloch**, Johnes Oei, Edwin Oran, Omer Otaduy, Maria Otazo, Ricardo Palombo, Marco Pandharipande, Pari Park, Mi-Suk Parkes, Laura Pinker-Domenig, Katja Poline, Jean-Baptiste Prieto, Claudia Prompers, Jeanine Ratiney, Hélène Riederer, Stephen Sawiak, Stephen Schweitzer, Mark Selnæs, Kirsten

Serai, Suraj Sharif, Behzad Shemesh, Noam Shen, Jun Shimony, Joshua Shmueli, Karin Shukla-Dave, Amita Siero, Jeroen Sigmund, Eric Smith, Seth Sofue, Keitaro Soher, Brian Stinson, Eric Stoeck, Christian Stoecker, Tony Strijkers, Gustav Sui, Jing Sweeney, John Szczepankiewicz, Filip Tal, Assaf Taljanovic, Mihra Tan, Ru San Taoka, Toshiaki Tardif, Christine Tax, Chantal Theis, Thomas Thirion, Bertrand Thng, Choon Tian, Jinfeng Timm, Kerstin Toro, Eleuterio Torres, Carlos Tunnicliffe, Elizabeth

Twieg, Michael Tyler, Damian Uecker, Martin Van Essen, David Vannesjö, Signe Johanna Veraart, Jelle Verma, Sadhna Villringer, Arno Warnert, Esther Watson, Robert Webb, Andrew Wehrli, Felix Weigel, Matthias Weil, Alexander Wells, Jack Wetscherek, Andreas Williams, Ashley Winkler, Simone Winter, Lukas Witschey, Walter Wright, Steven Xue, Hui Yamaguchi, Toshio Yan, Lirong Ye, Jong Chul Yetisir, Filiz Yokoo, Takeshi Zbyn, Stefan Zhang, Zhiyong Zhu, Bo