DECLARATION OF FINANCIAL INTERESTS OR RELATIONSHIPS

Invited Faculty

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.

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

Invited Faculty with Financial Interests or Relationships

Alexander, Daniel Grant/Research: Microsoft Research
Andronesi, Ovidiu Grant: NIH R01 Grant/Siemens

Barker, Gareth Grant/Research, Honoraria: General Electric;

Consulting Fee: IXICO

Barth, Markus Grant/Research: Siemens

Beckmann, Christian Ownership Interest: SBGneuro Ltd

Block, Walter Grant/Research: General Electric; Ownership Interest,

Salary: TherVoyant; Ownership Interest: Goal Line

Imaging

Bos, Clemens Salary: Philips

Brewer, Kimberly Grant/Research: Immunovaccine Inc., Cubresa Brunner, David Ownership Interest: Skope Magnetic Resonance

Technologies

Calhoun, Vince Grant/Research: Pfizer

Carano, Richard Salary, Ownership Interest: F. Hoffmann-La Roche Ltd. Cuenod, Charles Grant/Research: General Electric; Meeting Expenses:

Bayer Healthcare/Bayer Schering, Guerbet

Doneva, Mariya Salary: Philips Eggers, Holger Salary: Philips

Ehman, Richard President & CEO, Ownership Interest, Grant/Research:

Resoundant Inc.

Eryaman, Yigitcan Consulting Fee: NeoTherma Oncology

Francois, Christopher Grant/Research: GE Healthcare/UW-Madison

Department of Radiology

Ghanouni, Pejman Grant/Research: GE, InSightec Gilad, Assaf Ownership Interest: SenCEST

Golay, Xavier Grant/Research, Consulitng Fee: Olea Medical;

Director: Gold Standard Phantoms Limited

Greer, Mary-Louise Grant/Research, Honoraria: AbbVie Corporations

Limited; Honoraria: Speaker at Nurses' Immunology

Network Meeting

Greiser, Andreas Salary: Siemens

Grissom, William Ownership Interest: MR Code
Gulani, Vikas Grant/Research, Royalties: Siemens
Gunamony, Shajan Ownership Interest: MR Coiltech Limited
Han, Yuchi Grant/Research: Gilead Sciences, Bayer

Healthcare/Bayer Schering

Hancu, Ileana Salary: General Electric

Hope, Thomas Grant/Research: General Electric

Karampinos, Dimitrios Grant/Research: Philips

Kijowski, Richard Grant/Research: General Electric

Kozlov, Mikhail Salary: MRComp GmbH

Kraitchman, Dara Grant/Research: BTG, Siemens

Kugel, Harald Consulting Fee: MR:comp GmbH Testing Svcs.

Larson, Peder Grant/Research: General Electric
Lebel, C. Spouse Employed by General Electric

Leussler, Christoph Salary: Philips

Levesque, Ives Research Support: Philips

Lingala, Sajan Goud Salary: Siemens

Liu, Zhe Ownership Interest: Medimagemetric LLC

Ma, Dan Grant/Research: Siemens

Majumdar, Sharmila Grant/Research: General Electric

Mani, Venkatesh Grant/Research: Amgen, Daiichi Sankyo; Consulting

Fee: Medlion Inc.

Margolis, Daniel Consulting Fee: Blue Earth Diagnostics McMillan, Alan Grant/Research: General Electric

Meyer, Craig Grant/Research: Siemens

Mikulis, David Grant/Research: GE, CIHR, ASNR, Ontario Innovation

Fund; Ownership Interest, Intellectual Property:

Thornhill Research, Inc.

Miyazaki, Mitsue Salary: Toshiba

Mossa-Basha, Mahmud Grant/Research: Philips

Mukherjee, Pratik Grant/Research, Honoraria: General Electric

Naganawa, Shinji Non-Purpose Research Fund Donation: Bracco, Daiichi-

Sankyo Pharma; Honoraria: Bayer Healthcare/Bayer

Schering, Siemens, Toshiba

Neuwelt, Edward Grant/Research: AMAG Pharmaceuticals
Niendorf, Thoralf Founder & CEO: MRI.TOOLS GmbH

Nilsson, Markus Grant/Research, Ownership Interest: CR Development

Niogi, Sumit Consulting Fee: Athlemetrics

O'Halloran, Rafael Salary: Siemens Overweg, Johan Salary: Philips

Padhani, Anwar Grant/Research, Consulting Fee, Honoraria: Siemens

Pekar, James Grant/Research: Philips

Pillai, Jay Book Royalties: Springer Science & Business Media Inc.,

Elsevier

Possanzini, Cecilia Salary: Philips

Rae, Caroline Travel Subsidy: Philips; Salary, Editor Fees: Springer

Razavi, Reza Grant/Research: Siemens

Reykowski, Arne Salary: Philips

Robson, Matthew Consulting Fee, Ownership Interest: Perspectum

Diagnostics; Patent Rights & Potential Royalties: Oxford

University Innovation

Runge, Val Grant/Research: Bayer Healthcare/Bayer Schering,

Guerbet; Honoraria: Guerbet

Staff/Partial Donation: Siemens Sakai, Koji

Grant/Research: AstraZeneca; Source Code/Research Salerno, Michael

Support: Siemens; Consulting Fee: IBM

Santos, Juan Salary, Ownership Interest: HeartVista, Inc.

Scheenen, Tom Grant/Research: Siemens

Schmainda, Kathleen Ownership Interest: Imaging Biometrics LLC Schmitt, Franz

Ownership Interest: Siemens; Consulting Fee: MR Comp; Travel Expenses: ASG SUPERCONDUCTORS,

Siemems

Seiberlich, Nicole Grant/Research: Siemens

Grant/Research: Siemens; Royalty: GE, Philips, Setsompop, Kawin

Shepherd, Timothy Grant/Research, Academic-Industry Partnership:

> Siemens; Grant/Research: BrainLab; Ownership Interest: Velona Technologies; Co-founder: Company

for Image-guided Interventions

Grant/Research: General Electric Shin, Taehoon

Sirlin, Claude Grant/Research, Honoraria: GE; Grant/Research:

Siemens, Bayer Healthcare/Bayer Schering

Speck, Oliver Grant/Research: Siemens, Kineticor

Spincemaille, Pascal Intellectual Property Rights: Cornell University Takahata, Akiko Grant/Research: Bayer Healthcare/Bayer Schering Honoraria: Philips; Consulting Fee: General Electric Tanenbaum, Lawrence Taouli, Bachir

Grant/Research: Guerbet; Consulting Fee: Median

Technologies, Bioclinica

Taviani, Valentina Salary: General Electric Terpstra, Melissa Grant/Research: NIH

Thöny, Harriet Consulting Fee: Guerbet SA Advisory Board Grant/Research: Elekta, Grant/Research, Philips Tijssen, Rob Grant/Research: Sanofi Genzyme; Consulting Fee: Trapp, Bruce

Abbvie; Honoraria: Sanofi Genzyme, Genentech, Novartis; Founder and Chief Scientific Officer: Renovo Neural Inc; Scientific Advisory Board: Sanofi Genzyme

Tweedle, Michael Grant/Research: Guerbet; Consulting Fee: Bracco

Twieg, Michael Grant/Research: Siemens

van den Berg, Cornelis Grant/Research, Royalty: Philips

Wald, Lawrence Grant/Research: Siemens Wech, Tobias Grant/Research: Siemens

Wieben, Oliver Grant/Research: General Electric

Salary: General Electric Wiesinger, Florian Wright, Katherine Grant/Research: Siemens

Wright, Graham Grant/Research: General Electric

Grant/Research: NIH; Ownership Interest: HyQ Yang, Qing

Research Solutions

Grant/Research, Consulting Fee: Siemens Young, Alistair

Grant/Research: General Electric Zaharchuk, Greg

Zaitsev, Maxim Grant/Research: Siemens Zeineh, Michael Grant/Research: General Electric

Zhou, Xiaohong Joe Grant/Research: AbbVie, Inc.; Ownership Interest:

Horizon Medical Physics Services

Heo, Hye-Young

Hindman, Nicole

Hodgson, Richard

Ianus, Andrada

Immonen, Riikka

Ippolito, Joseph

Ittermann, Bernd

Jackson, Edward

Jacob, Mathews Jasanoff, Alan

Jelescu, Ileana

Kaiser, Lana

Kalb, Bobby

Kim, Daniel

Keilholz, Shella

Kim, Seung Hyup

Kolipaka, Arunark

Koroshetz, Walter

Kucharczyk, Walter

Kramer, Harald

Kundu, Prantik Lakshmanan, Karthik

Le Bihan, Denis

Lee, Jeong-Min

Leach, Martin

Liang, Dong

Lim, Ruth

Kimbrell, Vera

Knoll, Florian

Kono, Yuko

Jerschow, Alexej

Hillenbrand, Claudia

Holdsworth, Samantha

Zwart, Nicholas Grant/Research: Philips

Invited Faculty without Financial Interests or Relationships

Abreu, Marcelo Cullen, Kathryn Hammernik, Kerstin Adluru, Ganesh Damoiseaux, Jessica Hansen, Michael

Aggarwal, Manisha de Graaf, Robin Hedjazi Moghari, Mehdi

Ahlgren, André
Alonzo, Todd
Amrami, Kimberly
Andreisek, Gustav
Anzai, Yoshimi

De Vis, Jill
De Visschere, Pieter
Delli Castelli, Daniela
DeMarco, J. Kevin
deSouza, Nandita

Arfanakis, Konstantinos Devor, Anna Hope, Michael
Auer, Dorothee Do, Richard (Kinh Gian) Horovitz, Silvina
Auger, Daniel Duyn, Jeff Huang, Wei
Avdievich, Nikolai ebbers, tino Huang, Susie

Axel, Leon El Fakhri, Georges Hussain, MD, PhD, FACR, Shahid

Bar-Shir, Amnom

Berglund, Johan

Bhujwalla, Zaver

Bigler, Erin

Bilgic, Berkin

El Faknri, Georges
Etkin, Amit
Fan, Zhaoyang
Fan, Qiuyun
Faria, Andreia
Farquharson, Shaw

Bilgic, Berkin

Bilston, Lynne

Bird, Mark

Bizzi, Alberto

Boer, Vincent

Farquharson, Shawna
Fayad, Laura
Fayad, Zahi Adel
Federau, Christian
Feng, Li

Bolger, Ann

Botnar, René

Bowtell, Richard

Bredella, Miriam

Bright, Molly

Bruckley, David

Bulte, Jeff

Ferradal, Silvina

Fieremans, Els

Fornito, Alex

Foster, Paula

Froeling, Martijn

Futterer, Jurgen

Galiana, Gigi

Burke, Christopher Gandini Wheeler-Kingshott,

Callaghan, Martina Claudia

Campbell-Washburn, Adrienne Geras, Krzysztof Caskey, Charles Gevaert, Olivier Gochberg, Daniel Chan, Raymond Chan, Russell Gollub, Marc Chan, Kannie WY Gore, John Chang, Catie Goshima, Satoshi Chaumeil, Myriam Gotschy, Alexander Chiew, Mark Gowland, Penny

Choi, Jung-AhGraves, MartinLee, Seung-KyunClare, StuartGudino, NataliaLeemans, AlexanderCollins, ChrisHa, AliceLenchik, LeonCooley, ClarissaHacker, CarlLe-Petross, Huong

Copen, William Hadjipanayis, Constantinos
Counsell, Serena Hamilton, Gavin

Liu, Xiao

Madelin, Guillaume Magnain, Caroline Marques, José Mason, Ralph Matsumura, Akira Min Lee, Jeong Moeller, Steen Mohamed, Feroze Moore, Anna Morita, Naomi

Motosugi, Utaroh Mountford, Carolyn

Nagel, Armin

Naidoo, Parmanand Nayak, Krishna Near, Jamie Nunes, Rita Obenaus, Andre Obuchowski, Nancy

Oros-Peusquens, Ana-Maria

Orzada, Stephan Otazo, Ricardo Pagel, Marty Pan, Jullie Park, Ji Eun Pathak, Arvind Pedrosa, Ivan Peng, Shin-Lei

Petchprapa, Catherine

Peters, Dana Poser, Benedikt Prayer, Daniela Pujol, Sonia Rajeswaran, Gajan Raya, Jose

Reichenbach, Jürgen Reisert, Marco Rodgers, Christopher Rothman, Douglas Roujol, Sebastien Sack, Ingolf Sala, Evis

Salamon, Noriko Saloner, David Samsonov, Alexey

Saranathan, Manojkumar

Saritas, Emine
Schabel, Matthias
Schmid, Sophie
Schmitter, Sebastian
Schreiber, Laura
Schröder, Leif
Schroeder, Marie
Schweitzer, Mark
Schweser, Ferdinand
Selnæs, Kirsten

Schweser, Ferdina Selnæs, Kirsten Sharma, Uma Shen, Dinggang Shih, Yen-Yu lan Shmueli, Karin Sigmund, Eric Silva, Afonso Sinkus, Ralph Siow, Bernard Smith, Robert Smith, Seth

Sosnovik, David Springer, Jr., Charles

Snell, John

Steeden, Jennifer Stevens, Kathryn Stokes, Ashley Stufflebeam, Steven Taoka, Toshiaki Thomas, David Thulborn, Keith Togashi, Kaori Tosun, Duygu Trattnig, Siegfried Tsao, Connie Tu, Tsang-Wei

Vargas, Hebert Alberto Vermathen, Peter

Vu, An
Wang, Jin
Wei, Hongjiang
Wijnen, Jannie
Xia, Yang
Xu, Duan
Xu, Xiang
Ye, Jong Chul
Yendiki, Anastasia
Yeom, Kristen
Ying, Leslie
Zaiss, Moritz
Zhang, Minming
Zhe Sun, Phillip

Ziener, Christian