

## DECLARATION OF FINANCIAL INTERESTS OR RELATIONSHIPS

### Abstract Authors

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™* 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.

### Abstract Authors with Financial Interests or Relationships

3758	Agosta, Federica	Honoraria: Biogen Idec, Novartis, and ExceMED – Excellence in Medical Education
2026	Agosta, Federica	Honoraria: Biogen Idec, Novartis, and ExceMED – Excellence in Medical Education
3686	Ahn, Sangtae	Salary: General Electric
1225	Akamine, Yuta	Salary: Philips
344	Akamine, Yuta	Salary: Philips
1280	Alamidi, Daniel	Salary: Philips
4293	Alon, Leeor	Ownership interest: RF Test Labs
2297	Ambale Venkatesh, Bharath	Grant/Research: Toshiba
2776	Amemiya, Tomoki	Salary: Hitachi
33	Amthor, Thomas	Ownership interest : Philips;Salary: Philips
5395	Aoike, Takuya	Salary: Philips (Masami Yoneyama)
522	Armstrong, Tess	Grant/Research: Institutional Research Support
1185	Armstrong, Tess	Grant/Research: Institutional Research Support
5652	Atkinson, David	Grant/Research: Philips; Grant/Research: Siemens
2159	Baas, Koen	Salary: Philips
2158	Baas, Koen	Salary: Philips
2960	Bacher, Mario	Salary: Siemens
4913	Bacher, Mario	Salary: Siemens
5173	Bae, Won	Grant/Research: General Electric
5044	Bae, Won	Grant/Research: General Electric
351	Banerjee, Suchandrima	Salary: General Electric
3140	Baudat, Cindy	Salary: Siemens
5080	Baum, Thomas	Grant/Research: Philips
1243	Baum, Thomas	Grant/Research: Philips
695	Bazin, Pierre-Louis	Consulting fee: Qynapse

2877	Bazin, Pierre-Louis	Consulting fee: Qynapse
1000	Beck, Gabriele	Salary: Philips
4530	Becker, Robert	Grant/Research: Boehringer Ingelheim Pharma GmbH & Co. KG
2859	Bequé, Dirk	Salary: General Electric
2649	Berglund, Johan	Salary: General Electric
1982	Bhattacharyya, Pallab	Grant/ResearchNovartis
610	Bolan, Patrick	Consulting feeOwnership interest BreastMed, IncMRI Metrology LLC
4049	Bolster, Jr., Bradley	Ownership interest : Siemens;Salary: Siemens
2574	Bonekamp, David	Speaker Honoraria: Profound Medical Inc.
1714	Boskamp, Ed	Salary: General Electric
19	Boskamp, Ed	Salary: General Electric
604	Brady, Martin	Salary: TherVoyantequity
188	Brammerloh, Malte	Research Cooperation Agreement: Siemens
4093	Braun, Sandro	Salary: Siemens
2715	Braun, Sandro	Salary: Siemens
1248	Breighner, Ryan	Grant/Research: General Electric
4206	Brunner, David	Ownership interest: Skope Magnetic Resonance Technologies
4962	Bruns, Andreas	Salary: F. Hoffmann-La Roche Ltd
5231	Bryskhe, Karin	Ownership interest: Random Walk Imaging; Salary: Random Walk Imaging
682	Buonincontri, Guido	Grant/Research: General Electric
4260	Buonincontri, Guido	Grant/Research: General Electric
1369	Burge, Alissa	Grant/Research: General Electric
1448	Burge, Alissa	Grant/Research: General Electric
5407	By, Samantha	Salary: Philips
2771	Bydder, Mark	Grant/Research: Siemens
34	Caan, Matthan	Ownership interest : NicoLab
365	Cai, Xiaoying	Internship compensation: Siemens
5183	Carl, Michael	Salary: General Electric
5017	Casagrande, Stefano	Salary: Olea Medical
3255	Ceccaldi, Pascal	Salary: Siemens
1025	Cencini, Matteo	Grant/Research: General Electric
1045	Cervantes, Barbara	Grant/Research: Philips;Grant/Research: European Research Council (ERC)
4623	Cervantes, Barbara	Grant/Research: Philips
2042	Chang, Yulin	Salary: Siemens
3655	Chang, Peter	Grant/Research: Toshiba
347	Chaudhari, Akshay	Grant/Research: General Electric; Consulting fee: Skope Magnetic Resonance Technologies
1039	Chaudhari, Akshay	Grant/Research: General Electric; Consulting fee: Skope Magnetic Resonance Technologies
3524	Chebrolu, Venkata Veerendranadh	Salary: Siemens
5174	Chebrolu, Venkata Veerendranadh	Salary: Siemens
3354	Chelu, Raluca	Grant/Research: General Electric;Honoraria: General Electric
2588	Chen, Jun	Ownership interest: Resoundant; Salary:Mayo Clinic; Mayo Clinic and Jun Chen have intellectual properties on MRE
3155	Chen, Jun	Ownership interest: Resoundant; Mayo Clinic and Jun Chen have intellectual properties on MRE
3680	Chen, Kevin	Salary: General Electric
5606	Chen, Meining	Salary: Alltech Medical Systems
4077	Chen, Xin	Salary: Toshiba
4397	Chen, Xin	Salary: Toshiba
3478	Chen, Huijun	Grant/Research: National Natural Science Foundation of China

3369	Cheng, Joseph	Grant/Research: General Electric;Consulting fee: HeartVista, Inc.
570	Cheng, Joseph	Grant/Research: General Electric;Consulting fee: HeartVista, Inc.
3846	Coello, Eduardo	Salary: General Electric
1984	Corredor-Jerez, Ricardo	Salary: Siemens
3410	Corredor-Jerez, Ricardo	Salary: Siemens
4322	Cover, Keith S	Grant/Research: Cancer Center Amsterdam (CCA)Lead inventor on patent for color intensity projects (CIP) and entitled to royalties.VU University Medical Center, Amsterdam
4447	Cover, Keith S	Grant/Research: Cancer Center Amsterdam (CCA)Lead inventor on patent for color intensity projections (CIP) and entitled to royalties; VU University Medical Center, Amsterdam
2862	Cozzini, Cristina	Salary: General Electric
3794	Cozzini, Cristina	Salary: General Electric
16	Cuthbertson, Jonathan	Materials: General Electric
2672	Datta, Anjali	Grant/Research: General Electric;spouse receives salaryGeneral Electric
4153	De Arcos, Jose	Grant/Research: Siemens
2634	De Bondt, Timo	Consulting fee: General Electric
1392	de Vries, Bas	Grant/Research: Dutch Arthritis Foundation
1875	DEBATISSE, Justine	Salary: Siemens
1040	Del Grande, Filippo	Grant/Research: Siemens;Intellectual property rights: Siemens;Honoraria: Siemens
2635	Denck, Jonas	Salary: Siemens
531	Deoni, Sean	Grant/Research: Nestec SA; Consulting fee: Nestec SA
916	D'Errico, Luigia	Honoraria: Siemens; Siemens;Institutional Research Agreement
5164	Dieckmeyer, Michael	Grant/Research: Philips
191	Diefenbach, Maximilian	Grant/Research: Philips
5612	Diefenbach, Maximilian	Grant/Research: Philips
533	Diefenbach, Maximilian	Grant/Research: Philips
2855	Dietrich, Benjamin	Ownership interest : Skope Magnetic Resonance Technologies
4761	Dos Reis, Jesus	Salary: Schiller Medical SAS
3753	Dumont, Matthieu	Salary: Ownership interest : PfizerPfizer
3417	Dupuis, Andrew	Grant/Research: Siemens
14	Edelman, Robert	Grant/Research: Siemens; Intellectual property rights: Siemens
2988	Edelman, Robert	Grant/Research: Siemens; Intellectual property rights: Siemens
4217	Eggers, Holger	Salary: Philips
2730	Eldib, Mootaz	Salary: Biotelemetry Research
5319	Ersoz, Ali	Salary: General Electric
4395	Erturk, M. Arcan	Salary: Medtronic
4068	Eryaman, Yigitcan	Consulting fee: NeoTherma Oncology (Wichita, KS)
4180	Eryaman, Yigitcan	Consulting fee: Neotherma, KS
3141	Essbaiheem, Fahad	Grant/Research: General Electric
178	Fan, Audrey	Grant/Research: General Electric
4826	Fan, Audrey	Grant/Research: General Electric
3998	Farrar, Christian	Grant/Research: Pfizer
667	Fartaria, Mário João	Grant/Research: Siemens
4357	Feng, Xue	Grant/Research: Siemens
3685	Fernandez, Brice	Salary: General Electric
89	Fischi-Gomez, Elda	Grant/Research: Siemens
1467	Foged, Mette	Grant/Research: Lundbeck Foundation; Ownership interest : Siemens, General Electric
4416	Foo, Thomas	Salary: General Electric
839	Foo, Thomas	Salary: General Electric
4080	Forman, Christoph	Salary: Siemens;Ownership interest : Siemens

3439	Franke, Jochen	Salary: Bruker Biospin
598	Franson, Dominique	Grant/Research: Siemens
5015	Fringuello Mingo, Alberto	Salary: Bracco
5398	Fujima, Noriyuki	Grant/Research: Philips
1638	Fung, Maggie	Salary: General Electric;Ownership interest : General Electric
7	Funk, Stephanie	Honoraria: Circle institute GmbH
4124	Gach, H Michael	Grant/Research: Philips; Salary: Philips
2999	Gach, H Michael	Grant/Research: ViewRay; Consulting fee: ViewRay; Speaking Honoraria: ViewRay; Ownership interest: ViewRay; Salary: ViewRay
4099	Gao, Xiang	Grant/Research: Siemens
3442	Gatehouse, Peter	Departmental Research Agreement and Support: Siemens
5637	Ghudasara, Satyam	Grant/Research: Siemens
2256	Glaser, Kevin	Ownership interest: Resoundant; Salary:Mayo Clinic; Mayo Clinic and Jun Chen have intellectual properties on MRE
63	Gomez, Pedro	Grant/Research: General Electric
187	Gong, Nan-Jie	Salary: United Imaging Healthcare America
2638	Gong, Enhao	Grant/Research: General Electric
189	Gong, Enhao	Grant/Research: General Electric; Ownership interest: Subtle Medical
2795	Gong, Enhao	Grant/Research: General Electric; Ownership interest: Subtle Medical
357	Gong, Enhao	Grant/Research: General Electric
4942	Gong, Nan-Jie	Salary: United Imaging Healthcare America
4190	Gong, Enhao	Ownership interest : Subtle Medical Inc.
3074	Granlund, Kristin	Grant/Research: General Electric
4415	Green, Olga	Grant/Research: ViewRay; Consulting fee: ViewRay; Honoraria: ViewRay; Ownership interest: ViewRay; Salary: ViewRay;
2627	Green, Olga	Grant/Research: Philips, ViewRay; Consulting fee: ViewRay; Honoraria: ViewRay; Ownership interest: ViewRay; Salary: Philips
3396	Grissom, William	Ownership interest : MRCode, BV
2894	Griswold, Mark	Intellectual property rights: Siemens;Grant/Research: Siemens
4290	Gruber, Bernhard	Grant/Research: Grant/Research: Dutch Technology Foundation (TTW)The Netherlands Heart Foundation
4688	Guidon, Arnaud	Salary: General Electric
4065	Guyer, Samuel	Salary: International Business Machines Corporation
4264	Guzek, Bartosz	Salary: Siemens
4399	Ha, Seunghoon	Salary: Philips
1459	Ha, Seunghoon	Salary: Philips
4181	Habara, Hideta	Salary: Hitachi
5156	Haddock, Bryan	Scanner time and tracer for experiments: General Electric
3187	Hagiwara, Akifumi	Grant/Research: Bayer Healthcare/Bayer Schering
2908	Hamilton, Jesse	Grant/Research: Siemens
2099	Hancu, Ileana	Salary: General Electric
4533	Hancu, Ileana	Salary: General Electric
924	Hankov, Georges	Grant/Research: F. Hoffmann-La Roche Ltd
5629	Harada, Taisuke	Grant/Research: Hitachi; Employee: Hitachi
1137	Harrison, Ian	Grant/Research: Eli Lilly and Company
4039	Hata, Nobuhiko	Grant/Research: Ownership interest : Canon USA, Inc.Harmonus, Inc
2866	Hatton, Sean	CorTechs Laboratories, Inc.,Founder and holds equity in CorTechs Laboratories, Inc., and also serves on its Scientific Advisory Board
919	Heerfordt, John	Siemens provides funding for my PhD position at Lausanne University Hospital
4043	Heijman, Edwin	Salary: Philips
1191	Heijman, Edwin	Salary: Philips
302	Helle, Michael	Salary: Philips
777	Hilbert, Tom	Salary: Siemens

2814	Hilbert, Tom	Salary: Siemens
3025	Hong, Sungtak	Salary: Philips
5103	Hua, Yihe	Salary: General Electric
4407	Hua, Yihe	Grant/Research: Salary: General Electric;MAGNUS DoD grant W81XWH-16-2-0054
4727	Huh, Jimi	Grant/Research: The National Research Foundation of Korea
1665	Hurley, Samuel	Consulting fee: Synaptive Medical, Inc.
2772	Hurley, Samuel	Consulting fee: Synaptive Medical, Inc.
1758	Hurst, Gregory	Consulting fee: Skope Magnetic Resonance Technologies
4091	Huttinga, Niek	Grant/Research: Philips, Netherlands Organisation for Scientific Research (NWO)
5627	Hwang, Ken-Pin	Grant/Research: General Electric; Salary: General Electric; Ownership Interest: SyntheticMR
5628	Hwang, Ken-Pin	Grant/Research: General Electric;Salary: General Electric;OwnershipSyntheticMR
5457	Idiyatullin, Djaudat	Royalty: General Electric
2022	Ismail, Ozama	Grant/Research: Eli Lilly & Company
2797	Isogawa, Kenzo	Ownership interest: Toshiba; Salary: Toshiba
3512	Ito, Kosuke	Salary: Hitachi
4105	Iwate, Yuji	Salary: General Electric
4277	Iwasawa, Kohjiro	Salary: Hitachi
4261	Jaubert, Olivier	Grant/Research: Philips
3209	Jeon, Tina	Grant/Research: Toyobo
1573	Jeon, Tina	Grant/Research: General Electric
74	Jhaveri, Kartik	Grant/Research: Bayer Healthcare/Bayer Schering
4114	Jiang, Wenwen	Salary: HeartVista, Inc
2419	Jiang, Yun	Grant/Research: Siemens
687	Jin, Ning	SalarySalary: Siemens
4328	Johnson, Jacob	Grant/Research: General Electric
2991	Johnson, Brian	Salary: Philips
4804	Johnson, Brian	Salary: Philips
2010	Jung, Youngkyoo	Consulting feeDigital Harmonic LLC
3521	kadimesetty, Venkata	Salary: Samsung Electronics
1242	Kaggie, Joshua	Grant/Research: Glaxo-SmithKline
1435	Kaggie, Joshua	Grant/Research: Glaxo-SmithKline
3049	Kaggie, Joshua	Grant/Research: Glaxo-SmithKline
4998	Kan, Hirohito	Grant/Research: JSPS KAKENHI Grant Number 17K15805
3473	Kanazawa, Yuki	Intellectual property rights: General Electric
3179	Kanazawa, Yuki	Intellectual property rights: General Electric
5117	Kanazawa, Yuki	Intellectual property rights: General Electric
546	Katscher, Ulrich	Salary: Philips
5149	Kaushik, Suryanarayanan	Salary: General Electric
1253	Kaushik, Sandeep	Salary: General Electric
4034	Kaye, Elena	Consulting fee: Galil Medical
4088	Kecskemeti, Steven	Grant/Research: General Electric
1260	Kelly, Brianna	Grant/Research: ImmunovaccineCubresa
557	Kershaw, Lucy	Grant/Research: Glaxo-SmithKline
5438	Kettinger, Adam	Research Agreement in effect: Siemens
3156	Keupp, Jochen	Salary: Philips Research
4113	Keupp, Jochen	Salary: Philips Research
3678	Khalifé, Maya	Grant/Research: General Electric
1251	Khalifé, Maya	Grant/Research: General Electric
1617	Kirilina, Evgeniya	Departmental Research Agreement and Support: Siemens

790	Kirilina, Evgeniya	Siemens;Research cooperation agreement
331	Koff, Matthew	HSS has an institutional agreement in place with GE Healthcare; Salary: Johnson & Johnson
341	Kogan, Feliks	Grant/Research: General Electric
4287	Koh, Dongyeon	Ownership interest : Affinity Imaging GmbH
2987	Koktzoglou, Ioannis	Grant/Research: Siemens
1398	Konda, Anudeep	Salary: Springbok, Inc.
3438	Kording, Fabian	Ownership interest Salarynorthh medical GmbHnorthh medical GmbH
1018	Körzdörfer, Gregor	Honoraria: Siemens
798	Körzdörfer, Gregor	Honoraria: Siemens
4085	Körzdörfer, Gregor	Honoraria: Siemens
4232	Körzdörfer, Gregor	Honoraria: Siemens
2706	Kose, Ryoichi	Salary: MRTechnology, Inc.
1677	Krämer, Julia	Honoraria for lecturing.Biogen and Teva.
4130	Krishnamoorthy, Guruprasad	Salary: Philips
2447	Krishnamurthy, Uday	Salary: Siemens
2529	Krueger, Sascha	Salary: Philips
461	Krug, Roland	Grant/Research: General Electric
2007	Kulkarni, Praveen	HorizonDiscoveryTransgenic Animals.
4724	Kullberg, Joel	Ownership interest : Salary: Antaros MedicalAntaros MedicalAntaros Medical
4075	Kurpad, Krishna	Salary: Micro Systems Engineering Inc.
5501	Kurz, Felix	Grant/Research: Deutsche Forschungsgemeinschaft (DFG)
4624	Kusahara, Hiroshi	Salary: Toshiba
3535	Lai, Zongying	Salary
3316	Lai, Peng	Salary: General Electric
2948	Lai, Peng	Salary: General Electric
3383	Lala, Sayeri	Grant/Research: Grant/Research: Grant/Research: NIBIBR01EB017337NICHDU01HD087211EECS MIT Quick Innovation Fellowship
5035	Langner, Joanna	Grant/Research: General Electric
1323	Larsen, Ryan	Grant/Research: Abbott Nutrition
3850	Larson, Peder	Grant/Research: General Electric
3687	Larson, Peder	Grant/Research: General Electric;Grant/Research: Siemens
888	Laun, Frederik	Ownership interest : HQ Imaging
4082	Laustsen, Malte	Salary: Philips; Sino-Danish Center for Education and Research
4184	Lazebnik, Mariya	Salary: General Electric
468	Le Ster, Caroline	Salary: Siemens
4220	Lee, Philip	Grant/Research: General Electric
2686	Lee, Philip	Grant/Research: General Electric
4165	Leiner, Lukas	Salary: Siemens
2787	Leynes, Andrew	Grant/Research: General Electric
2675	Li, Zhiqiang	Grant/Research: Philips
4241	Li, Zhiqiang	Grant/Research: Philips
2931	Li, Chia-Wei	Salary: General Electric
2632	Li, Chia-Wei	Salary: General Electric
796	Li, Ka-Loh	Grant/Research: CRUK
4127	Liebig, Patrick	Siemens;Refund for research work
5451	Liebig, Patrick	Siemens;Funding for phd
3527	Lin, Jyh-Miin	Grant/Research: Ministry of Science and Technology, NVIDIA, Titan X Pascal GPU grant (equivalent to \$1200 USD), Amazon web servicesAmazon AWS Education credit (equivalent to \$60 USD); Dinner in ESMRMB 2017 congress (equivalent to 30 - 40 Euro): General EI
2600	Lin, Huimin	Salary: Siemens
1939	Lin, Jian	Grant/Research:Novartis

4345	Lin, Chien-Yuan	Salary: General Electric
5161	Lin, Chien-Yuan	Salary: General Electric
1890	Lin, Chien-Yuan	Salary: General Electric
2685	Litwiller, Daniel	Salary: General Electric
358	Liu, Qi	Salary: United Imaging Healthcare
2972	Liu, Hao	Royalty: tsinghua university
3210	Liu, Wei	Salary: Siemens
270	Ljungberg, Emil	Part of PhD funding: General Electric
4503	Lo, Wei-Ching	Grant/Research: Siemens
3525	Lo, Wei-Ching	Grant/Research: Siemens
3362	Lønning, Kai	Ownership interest : NicoLab
28	Lu, Jonathan	Grant/Research: General Electric
3942	Lu, Zheng-Rong	Ownership interest : Molecular Theranotics, LLC, Ronghui MoTek Pharmaceuticals
4106	Luo, Hai	Salary: AllTech Medical Systems
2740	M S, Raghuprasad	Salary: General Electric
213	Ma, Dan	Grant/Research: Siemens
315	Ma, Dan	Grant/Research: Siemens
459	MacKay, James	Grant/Research: Glaxo-SmithKline
454	MacMillan, Erin	Salary: Philips
420	Madhavan, Radhika	Salary: General Electric
1718	Maggiorelli, F.	Grant/Research: General Electric
3598	Makela, Ashley	Magnetic Insight Inc.Data acquisition
3363	Malkiel, Itzik	Salary: General Electric
4425	Mandal, Ranajay	Intellectual property rights: MR-LINK LLC
1927	Maréchal*, Bénédicte	Salary: Siemens
917	Masui, Takayuki	Honoraria: General Electric
73	Masui, Takayuki	Honoraria: General Electric
2096	Matsumoto, Yuki	Intellectual property rights: General Electric
4221	Mauconduit, Franck	Salary: Siemens
169	Mazurkewitz, Peter	Salary: Philips
4042	McDannold, Nathan	Grant/Research: InSightec
1022	McGivney, Debra	Grant/Research: Siemens
786	Mchinda, Samira	Grant/Research: ARSEP
1848	Mechling, Anna	Salary: F. Hoffmann-La Roche Ltd
1019	Mehta, Bhairav	Grant/Research: Siemens
1172	Meineke, Jakob	Salary: Philips
2181	Meineke, Jakob	Salary: Philips
5516	Meineke, Jakob	Salary: Philips
293	Meliado, E.F.	Salary: MR Code BV
2466	Mendes Pereira, Lenon	Grant/Research: Siemens
3027	Meng, Ke	Salary: United Imaging Healthcare
4104	Menini, Anne	Salary: General Electric
3815	Menini, Anne	Salary: General Electric
3065	Miller, Jack	Grant/Research: Novo Nordisk
3567	Miller, Jack	Grant/Research: Novo Nordisk
4750	Miller, Jack	Grant/Research: Novo Nordisk
1634	Mirzaalian, Hengameh	Grant/Research: Advanced MRI
5195	Miyazaki, Mitsue	Grant/Research: Toshiba; Salary: Toshiba
5196	Miyazaki, Mitsue	Grant/Research: Toshiba; Salary: Toshiba
2631	Mojahed, Ed	Stocks & Salary: Philips
1651	Molina-Romero, Miguel	Grant/Research: General Electric
2469	Morgan, Alexandra	Salary: Glaxo-SmithKline; Salary (spouse)Bioxydyn Ltd and Boehringer Ingelheim

2809	Muckley, Matthew	Grant/Research: Siemens
647	Murbach, Manuel	Grant/Research: General Electric; Grant/Research: Siemens
4391	Murbach, Manuel	Grant/Research: General Electric; Grant/Research: Siemens
440	Murphy, Matthew	Ownership interest : Royalty: General Electric; Resoundant
3161	Murphy, Matthew	Ownership interest : Royalty: General Electric; Resoundant
4741	Neelavalli, Jaladhar	Salary: Philips
3153	Neelavalli, Jaladhar	Salary: Philips
4952	Nencka, Andrew	Grant/Research: General Electric
5033	Neubert, Ales	Grant/Research: Siemens
1310	Niedzielski, Joshua	Grant/Research: General Electric
3500	Nielsen, Anne	Grant/Research: Innovation Fund Denmark; Salary: Cercare Medical
2741	Nielsen, Anne	Grant/Research Salary Innovation Fund Denmark Cercare Medical
2441	Nikolaou, Panayiotis	Grant/Research: Ownership interest : ExxonMobil Research And Engineering Company XeUS Technologies LTD
5355	Nilsson, Markus	Ownership interest : Grant/Research: Random Walk Imaging Random Walk Imaging
1090	Nilsson, Markus	Grant/Research: Ownership interest : Random Walk Imaging Random Walk Imaging
2533	Nishihara, Takashi	Salary: Hitachi
4505	noda, seiichiro	Grant/Research: Philips; masami yoneyama masami yoneyama
4215	Nolte, Teresa	Grant/Research: Philips; I am a Marie-Curie PhD student (EU grant), employed via Philips Research Europe.
1037	Norman, Berk	Grant/Research: General Electric
185	Obara, Makoto	I am Philips Employee. Philips
4360	Ohno, Yoshiharu	Grant/Research: Toshiba
2460	Ohno, Yoshiharu	Grant/Research: Toshiba
1257	Ohno, Yoshiharu	Grant/Research: Toshiba; Grant/Research: Bayer Healthcare/Bayer Schering
4359	Ohno, Yoshiharu	Grant/Research: Toshiba; Grant/Research: Guerbet Japan
3964	Okada, Tomohisa	Grant/Research: Siemens; Speaker Honoraria: Siemens
3300	Okada, Tomohisa	Grant/Research: Siemens; Honoraria: Siemens
934	Ong, Frank	Research Support: General Electric
3425	Ong, Frank	Research Support: General Electric
3378	Ong, Frank	Research Support: General Electric
349	Ooi, Melvyn	Salary: Philips
3789	Oshinski, John	Salary: Siemens; Xiaodong Zhong is an employee of Siemens
3361	Oshinski, John	Salary: Siemens; Xiaodong Zhong is an employee of Siemens
1701	Otake, Yosuke	Salary: Hitachi
355	Paley, Martyn	Ownership interest : Imaging SYstems Design Ltd.
346	Panda, Ananya	Salary: Siemens
4320	Panda, Ananya	Salary: Siemens
4502	Panda, Ananya	Grant/Research: Siemens
2989	Pang, Jianing	Salary: Siemens
1168	Papp, Daniel	Siemens co-funded Daniel Papp's PhD studies between 2013 and 2017; No financial support was provided for the research presented in this abstract, or during the duration of Daniel Papp's employment in Oxford
958	Park, Yae Won	Grant/Research: National Research Foundation of Korea (NRF) funded by the Ministry of Science, ICT & Future Planning (2017R1D1A1B03030440)
1759	Pascal, Joris	Grant/Research: Metrolab Technology SA
5289	Patil, Sunil	Salary: Siemens
425	Patriat, Remi	Ownership interest : Surgical Information Sciences
3633	Patriat, Remi	Ownership interest : Surgical Information Sciences
4376	Patterson, Steve	Grant/Research: General Electric
406	Pavuluri, Kowsalya Devi	Ownership interest : senCEST LLC



4908	Pednekar, Amol	Employee till January 2017: Philips
4777	Pednekar, Amol	Salary: Philips
3456	Pednekar, Amol	Salary: Philips;Employee of Philips will January 2017
1546	Pepin, Kay	Grant/Research: Varian
4784	Piccini, Davide	Salary: Siemens; Ownership interest: Siemens
4783	Piccini, Davide	Salary: Siemens; Ownership interest: Siemens
1632	Pizzolato, Marco	Salary: Olea Medical
3118	Pizzolato, Marco	Salary: Olea Medical
937	Polak, Daniel	Salary: Siemens
2661	Poot, Dirk	Grant/Research: General Electric
334	Pownder, Sarah	HSS has an institutional agreement in place with GE Healthcare
2471	Qing, Kun	Grant/Research: Siemens
1371	Qiong, Zhang	Salary: Siemens
2992	Qiong, Zhang	Salary: Siemens
3668	Qiu, Deqiang	Grant/Research: Siemens
1891	Qu, Jianxun	Salary: General Electric
93	Rahbar, Habib	Grant/Research: General Electric
942	Rahmer, Jürgen	Salary: Philips
5040	Raj, Archit	Salary: Samsung Electronics
4692	Rakow-Penner, Rebecca	Grant/Research: General Electric
2687	Ramani, Sathish	Salary: General Electric
4757	Rehwal, Wolfgang	Salary: Siemens
1712	Reykowski, Arne	Salary: Philips
27	Reykowski, Arne	Salary: Philips
115	Riegler, Johannes	Salary: F. Hoffmann-La Roche Ltd
3519	Rioux, James	Grant/Research: General Electric; Investigator Sponsored Research Agreement
1738	Rivera, Deb	Salary: MR Coils, BV; Ownership interest: MR Installation & Testing, BV
3835	Rivera, Deb	Salary: Ownership interest : MR Coils BVand IPMR Production and Services BV, MR Installatino and Testing BV
3190	Robison, Ryan	Grant/Research: Philips
4497	Roccia, Elisa	Grant/Research: Siemens
2465	Rotärmel, Alexander	Grant/Research: Siemens
4309	Rupprecht, Sebastian	Ownership interest : HyQ Research Solutions, LLC
2673	Rydén, Henric	Co-author Tim Sprenger is an on-site scientist employed by GE Healthcare.Co-author Johan Berglund receives salary support from GE Healthcare.
5352	Sakai, Koji	Donated lab staff: Siemens
3095	Sakaie, Ken	Salary: GenzymeNovartis
1980	Sakaie, Ken	Salary: Salary: NovartisGenzyme
123	Salem, Ahmed	Ownership interest : Bioxydyn Ltd.; Salary: Bioxydyn Ltd.
999	Sall, Sean	Ownership interest: Arterys; Salary: Arterys
3471	Sampath, Smita	Salary: Merck Sharp and Dohme
3334	Sampath, Smita	Salary: Merck Sharp and Dohme
684	Sandino, Christopher	Grant/Research: General Electric
4331	Scaranelo, Anabel	Grant/Research: Toronto Joint Department of Medical Imaging
2458	Schiwek, Marilisa	Salary: Boehringer Ingelheim Pharma GmbH & Co. KG
1233	Schmainda, Kathleen	Ownership interest : Imaging Biometrics LLC
650	Schmidt, Ehud	Grant/Research: Abbott Inc.
3260	Schmidtke, Luca	Salary: Siemens
536	Schneider, Manuel	Stipend: Siemens
5615	Schneider, Manuel	Stipend: Siemens
2773	Schneider, Manuel	Siemens;Stipend
5010	Schuetz, Gunnar	Salary: Bayer Healthcare/Bayer Schering
314	Schulte, Rolf	Salary: General Electric

3386	Schulte, Rolf	Salary: General Electric
2676	Schulte, Rolf	Salary: General Electric
25	Scott, Greig	Grant/Research: General Electric
1199	Seif, Maryam	The Max Planck Institute for Human Cognitive and Brain Sciences has an institutional research agreement with Siemens Healthcare.
3749	Sekine, Tetsuro	Grant/Research: Hitachi; Grant/Research: Fukuda Foundation for Medical Technology
223	Selvaggi, Pierluigi	Grant/Research: F. Hoffmann-La Roche Ltd
2528	Sénégas, Julien	Salary: Philips
3480	Serhal, Ali	Grant/Research: Siemens; Intellectual property rights: Siemens
4333	Shapiro-Feinberg, Myra	DDE MRI solutions Ltd.Owner (51% shares), CTO, no salaryCTODDE MRI solutions Ltd
5286	Shepherd, Timothy	Grant/ResearchBrainLab AG
4219	Shi, Xinwei	Grant/Research Support: General Electric
4126	Shi, Xinwei	Grant/Research Support: General Electric
835	Shi, Yuhang	Grant/Research: Siemens
4342	Shi, Linxi	Grant/Research: General Electric
4995	Shiodera, Taichiro	Salary: Toshiba
4990	Shirai, Toru	Salary: Hitachi
2828	Simeth, Josiah	Intellectual property rights: University of Michigan
3809	Singh Rao, Kamal	Grant/Research: Varian
350	Skare, Stefan	Grant/Research: General Electric
1429	Sneag, Darryl	Salary: General Electric;Ownership interest : General Electric
2936	Solana, Ana Beatriz	Salary: General Electric
1175	Sommer, Karsten	Salary: Philips
1627	Sone, Yoshifumi	Sequence(WIP) Research Support: Siemens
4172	Sonnow, Lena	Grant/Research: Siemens;Intellectual property rights: Siemens;Honoraria: Siemens
4101	Speier, Peter	Salary: Siemens; Ownership interest: Siemens
5008	Spincemaille, Pascal	Intellectual property rights: Cornell University
4402	Spronk, Tobias	Grant/Research: 1MR: comp GmbH, Testing Services for MR Safety & Compatibility, Gelsenkirchen, Germany
2747	Sreekumari, Arathi	Salary: General Electric
1320	Starčuk, Zenon	members of a consortium occasionally selling the software mentioned to commercial clientsjMRUI-developing consortium of research institutions, www.jmrui.org
4183	Steckner, Michael	Salary: Toshiba
5341	Steinhoff, Malte	Salary for internship and Master's thesis: Philips
941	Stich, Manuel	Grant/Research: Siemens
168	Stich, Manuel	Grant/Research: Siemens
1453	Stijnman, Peter	Grant/Research: Philips;Grant/Research: Medtronic
3000	Stojanovska, Jadranka	Consulting fee: Guerbet, LCC
3198	Sun, Yiqun	Consulting Language modification: Siemens
4880	Sun, Wenbo	Salary: UIH
4509	Sung, KyungHyun	Grant/Research: Siemens
4235	Sveinsson, Bragi	Grant/Research: General Electric
4782	Syed, Amer Ahmed	Consulting fee: Circle Cardiovascular Imaging, Inc (James Carr, MD; Michael Markl, PhD); Salary: Circle Cardiovascular Imaging, Inc (Alireza Sojoudi, MSc; Qiao Wei, PhD; Xuexin Gao, PhD)
2048	Symms, Mark	Salary: General Electric
326	Symms, Mark	Salary: General Electric
5162	Syväri, Jan	Grant/Research: Philips
5163	Syväri, Jan	Grant/Research: Philips

207	Szczepankiewicz, Filip	Salary: Random Walk Imaging AB (formerly CR Development)
2179	Tabbara, Rami	Grant/Research: Siemens
1754	Takamori, Hiromitsu	Grant/Research: Toshiba;Salary: Toshiba
2996	Takei, Naoyuki	Salary: General Electric
2796	Takeshima, Hidenori	Salary: Toshiba
2723	Tamada, Daiki	Salary: Toshiba
5641	Tamada, Daiki	Salary: Toshiba
2793	Tamir, Jonathan	Grant/Research: General Electric
5630	Taniguchi, Yo	Salary: Hitachi
1145	Taoka, Toshiaki	Grant/Research: Bayer Healthcare/Bayer Schering; Salary: Bayer Healthcare/Bayer Schering
4432	Taracila, Victor	Salary: General Electric
4110	Tarasek, Matthew	Salary: General Electric
5019	Tarasek, Matthew	Salary: General Electric
3675	Tarasek, Matthew	Salary: General Electric
4178	Tarasek, Matthew	Salary: General Electric
827	Taso, Manuel	Grant/Research: General Electric
3542	Taso, Manuel	Grant/Research: General Electric
2177	Taso, Manuel	Grant/Research: General Electric
1631	Taviani, Valentina	Salary: General Electric
5085	Tha, Khin	Grant/Research: Philips
201	Toews, Alexander	Grant/Research: General Electric
4143	Tourais, Joao	Grant/Research: Philips
4767	Tunncliffe, Elizabeth	Consulting fee: Perspectum Diagnostics; Ownership interest: Perspectum Diagnostics; Intellectual property rights: Perspectum Diagnostics
4312	Twieg, Michael	Grant/Research: Siemens
137	Twieg, Michael	Grant/Research: Siemens
2802	Uecker, Martin	Royalty: Max-Planck Innovation GmbH
2606	Ugarte, Ane	Salary: Philips
1543	Urman, Noa	Salary: Novocure
407	Utsumi, Hideo	Ownership interest: ReMI Co.ltd.
3350	Varga-Szemes, Akos	Grant/Research: Siemens
4453	Virostko, Jack	Ownership interest : Stellarray
5447	Vu, An	United States GovernmentProvisional Patent #62526296
2092	Vymazal, Josef	Consulting fee: Bracco
720	Wake, Nicole	In-kind research support (3D printed models): Stratasys
3561	Walker, Christopher	Grant/Research: General Electric
4076	Wan, Yuqing	Salary: Abbott
2750	Wang, Yu	Salary: Neusoft Medical System
4335	Wang, Kang	Salary: General Electric
5586	Wang, Hui	Salary: Philips
1075	Wang, Hui	Salary: Philips
2592	Wang, Hui	Salary: Philips
4617	Wang, Yi	Salary: Philips
4233	Wang, Xiaoqi	Salary: Philips
4239	Wang, Yuyu	Salary: Siemens
2879	Wang, Xiaoqi	Salary: Philips
4234	Wang, Xiaoqi	Salary: Philips
325	Warntjes, Marcel	Ownership interest: SyntheticMR; Salary: SyntheticMR
3324	Wech, Tobias	Grant/Research: Siemens
3325	Wech, Tobias	Grant/Research: Siemens
3681	Wech, Tobias	Grant/Research: Siemens
638	Wei, Pei-Shan	Grant/Research: Siemens

2511	Weidlich, Dominik	Grant/Research: Philips
4223	Weidlich, Dominik	Grant/Research: Philips
3984	Weng, Andreas	Grant/Research: Siemens
5104	Wenger, Cornelia	Salary: Novocure
3729	Wielopolski, Piotr	Grant/Research: General Electric
61	Wiesinger, Florian	Salary: General Electric
21	Winkler, Simone Angela	Grant/Research: General Electric
1480	Wu, Mingming	General Electric; Access to research facilities such as MR scanner or work stations
2682	Yamamoto, Yukari	Salary: Hitachi
5640	Yang, Kun	Grant/Research: Siemens
1693	Yang, Xiaoyu	Salary: Quality Electrodynamics, LLC
673	Yang, Mingrui	Grant/Research: Siemens
4135	Ye, Yongquan	Salary: United Imaging of Healthcare
4644	Yin, Liang	Royalty: Advanced MRI; Intellectual property rights: Brain Products
1648	Yokosawa, Suguru	Salary: Hitachi
5400	Yoneyama, Masami	Salary: Philips
5399	Yoneyama, Masami	Salary: Philips
5150	Yoon, Daehyun	Grant/Research: General Electric
3690	Yoon, Daehyun	Grant/Research: General Electric
2518	Yoshikawa, Takeshi	Grant/Research: Toshiba
4616	Yoshikawa, Takeshi	Grant/Research: Toshiba
1464	Young, Laura	Grant/Research: Guerbet
1430	Young, Katherine	Grant/Research: General Electric; Grant/Research: National Basketball Association
128	Yu, Elaine	Ownership interest : Magnetic Insight; Salary: Magnetic Insight
4418	Yu, Elaine	Ownership interest : Salary: Magnetic Insight
4721	Yu, Elaine	Ownership interest : Salary: Magnetic Insight
428	Zeng, David	Grant/Research: General Electric
3389	Zeng, David	Grant/Research: General Electric
5614	Zhang, Tao	Salary: General Electric
4589	ZHANG, Gumuyang	Salary: Siemens; Tianyi Qian, Alto Stemmer
2920	Zhang, Shuo	Salary: Philips
4607	Zhang, Yajing	Salary: Philips
1603	Zhang, Huan	Consulting Fee: Siemens
4141	Zheng, Yuan	Salary: UIH America, Inc
2695	Zheng, Yuan	Salary: UIH America, Inc
2389	Zheng, Yijia	Grant/Research: National Natural Science Foundation of China
2388	Zheng, Yijia	Grant/Research: National Natural Science Foundation of China
3169	Zheng, Hong	Salary: Advanced MRI
1049	Zhou, Zechen	Salary: Philips
939	Zhou, Zechen	Salary: Philips
5320	Zhou, Kun	Salary: Siemens
483	Zhou, James	General Electric; Prototype 3D cones sequence
5333	Zhu, Gaojie	Salary: Alltech Medical Systems, Chengdu, China