

EFIC 2022 – Conflict of Interest – Planner-based

First Name	Last Name	Institution	Country	Financial COI	COI Description
Ehsan	Alizadeh Kashtiban	Osaka University	Japan	Yes	PaMeLa.Inc
Lars	Arendt-Nielsen	Aalborg University/Aalborg University Hospital	Denmark	Yes	Supported by unrestricted research grants from Shionogi Science Program, Daischi Sankyo Science Program, GSK ISS program, Pfizer Research Program, Danish National Research Foundation, and C4Pain
Joshua	Aviram	Syqe Medical	Israel	Yes	Data collection was conducted by Syqe Medical. Joshua Aviram is the Clinical Research Manager at Syqe Medical.
Philipp	Baumbach	Jena University Hospital	Germany	Yes	[i] European Community's Seventh Framework Program FP7/2007-2013 under Grant Agreement No. 223590; [ii] Unrestricted educational grants for quality improvement studies from Pfizer Global Medical Grants (Mexico and China); [iii] European Pain Federation (EFIC) and Grünenthal GmbH within their CHANGE PAIN® acute initiative (Belgium, Italy, Ireland, France, The Netherlands, Spain, Switzerland); [iv] EFIC (Serbia).
Richard	Berwick	University of Liverpool	United Kingdom	Yes	RB, SS, DS, and AG have received grants from the Pain Relief Foundation, UK. DA and AG have received grants from Versus Arthritis and the MRC.
Stephanie	Bourke	Department of Pharmacology and Therapeutics, School of Medicine, Galway Neuroscience Centre and Centre for Pain Research, National University of Ireland, Galway	Ireland	Yes	This work was supported by grants from the Pain Relief Foundation, British Pain Society Clulow award, and the Irish Research Council.

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Silviu	Brill	Pain Center, Tel Aviv Sourasky Medical Center; European Pain Federation EFIC	Israel; Belgium	Yes	"SH has received consultancy fees from Rafa NF and EB are Rafa's employees The nursing support program is funded by Rafa which markets Axiban®, a medical grade cannabis oil." Grünenthal has financially supported this survey.
Rik	Buschman	Medtronic, Neuromodulation Clinical Department	Netherlands	Yes	Rik Buschman, Bianca Papi and Alessandra Calabrese are Medtronic employees. Christophe Perruchoud, Denis Dupoirion, and Shane E. Brogan are paid consultants for Medtronic. Denis Dupoirion has received consulting fees and speaker fees from Medtronic and Riemser and has also received payment for expert testimony and participated on an advisory board for Riemser. Alessandra Calabrese and Rik Buschman own stock options with Medtronic.
Marte	Cameron	Sørlandet Hospital Trust	Norway	Yes	The authors are named inventors on two use patents for EGFR-inhibitors in neuropathic pain.
M. Angeles	Canos-Verdecho	University Polytechnic Hospital La Fe	Spain	Yes	This study is sponsored by Boston Scientific.
Matteo	Castaldo	Department of Health Science and Technology, Center for Pain and Neuroplasticity (CNAP), SMI, School of Medicine, Aalborg University, Denmark	Denmark	Yes	Center for Neuroplasticity and Pain (CNAP) is supported by the Danish National Research Foundation (DNRF121). Dr. Bovis reports personal fees from Eisai, personal fees from Novartis, during the conduct of the study
Jesús	Cebrecos	ESTEVE Pharmaceuticals S.A.	Spain	Yes	Studies were funded by ESTEVE Pharmaceuticals S.A. (Barcelona, Spain) or, in the case of the study reported by Dooner et al, Mundipharma Research Ltd (Cambridge, UK). CTC was invented by ESTEVE Pharmaceuticals S.A., developed in collaboration with Mundipharma Research Ltd, and is now under development by ESTEVE Pharmaceuticals S.A. JC, NG, AM, MS and AV are employees of ESTEVE Pharmaceuticals. GE, AS and SV were employees of ESTEVE Pharmaceuticals at the time of the studies. CP-S is an employee of ESTEVE Pharmaceuticals and has pending or issued patents broadly relevant to CTC.

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Steffan	Christensen	Department of Health Science and Technology, Aalborg University	Denmark	Yes	Steffan Wittrup McPhee Christensen & Thorvaldur Skuli Palsson are co-founders of MOTI
Rocio	de la Vega	University of Málaga	Spain	Yes	Rocio de la Vega has received scientific consulting fees from ANF Academy
Alejandro	Dorado	Cognitive and Affective Neuroscience and Clinical Psychology, Research Institute of Health Sciences (IUNICS) and Balearic Islands Health Research Institute (IdISBa), University of the Balearic Islands (UIB)	Spain	Yes	This study was supported by the Spanish Ministry of Economy, Industry and Competitiveness (MINECO) (PSI2016-78637-P AEI/FEDER-UE).
Asbjørn Mohr	Drewes	Aalborg University Hospital	Denmark	Yes	Professor Asbjørn Mohr Drewes and abstract co-authors received honoraria from Shionogi, B.V. for their time attending ECHO OIC Steering Committee meetings.
Denis	Dupoiron	Institut de Cancerologie de L'Ouest	France	Yes	Dr Dupoiron received grants for expertise from Medtronic and Esteve
Jolanda	Ehrström	University of Helsinki, Doctoral Programme in Clinical Research, Faculty of Medicine	Finland	Yes	Research funding: This work was supported by the Jenny and Antti Wihuri foundation.
Sophie-Charlotte	Fabig	University Hospital Schleswig-Holstein, Division neurological pain research and therapy	Germany	Yes	The study is part of a larger project funded by the German ministry for education and research
Alexandra	Ferreira-Valente	William James Center for Research, ISPA – University Institute	Portugal	Yes	1.This study was supported by a Foundation BIAL Grant for Scientific Research (grant number 188/18). AFV has received a grant from the Portuguese Foundation for Science and Technology (grant number SFRH/BPD/121452/2016). The funding agency had no role in the design of this study and will not have any role during

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					its execution, analyses, interpretation of the data, or decision to submit results.
Alexandra	Ferreira-Valente	William James Center for Research, ISPA – University Institute	Portugal	Yes	2.This study was supported by a Grant from the Portuguese Foundation for Science and Technology (grant number SFRH/BPD/121452/2016). The funding agency had no role in the design of this study and will not have any role during its execution, analyses, interpretation of the data, or decision to submit results.
Ana	González-Roldán	Cognitive and Affective Neuroscience and Clinical Psychology, Research Institute of Health Sciences (IUNICS) and Balearic Islands Health Research Institute (IdISBa), University of the Balearic Islands (UIB)	Spain	Yes	Acknowledgements: This study was supported by the Spanish Ministry of Economy, Industry and Competitiveness (MINECO) (PSI2016-78637-P AEI/FEDER-UE).
Sameena	Haque	Novartis	United Kingdom	Yes	Employee of Novartis Pharmaceuticals UK.
Catherine	Healy*	Pharmacology and Therapeutics, School of Medicine	Ireland	Yes	Funding was provided by the Irish Research Council Postgraduate Scholarship, Science Foundation Ireland (SFI) and B. Braun Hospicare and is co-funded under the European Regional Development Fund under Grant Number 13/RC/2073-P2.
Danielle	Hewitt	University of Liverpool	United Kingdom	Yes	The presenting author is funded by an MRC CASE Studentship in collaboration with Abbott, who manufacture the spinal cord stimulators investigated in this study.
Mary	Hopkins	Pharmacology and Therapeutics, School of Medicine, National University of Ireland Galway	Ireland	Yes	Funded by the Irish Research Council Postgraduate Scholarships (GOIPG/2019/3945 and GOIPG/2020/1496). Funding was provided for the study by industry partner Shionogi Pharma Co.
Kreshnik	Hoti	University of Prishtina	Albania	Yes	Assoc Prof Kreshnik Hoti and Emeritus Prof Jeff Hughes are co-inventors of the PainChek® tool and shareholders of PainChek Ltd.

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					Emeritus Prof Jeff Hughes is employed as Chief Scientific Officer whilst Assoc Prof Kreshnik Hoti as consultant at PainChek Ltd.
Frank	Huygen	Department of Anaesthesiology, Erasmus University Medical Center	Netherlands	Yes	The studies and development of the e-health tool have been conducted by Ismar Healthcare, with financial support provided by Boston Scientific.
Dilara	Kersebaum	University Clinic Schleswig-Holstein, Campus Kiel	Germany	Yes	Supported by Grünenthal GmbH (investigator-initiated trial)
Anna Katharina	Koch	Evang. Kliniken Essen-Mitte, University of Duisburg-Essen	Germany	Yes	This work was supported by a Grant from the Karl und Veronica Carstens-Stiftung (KVC0/453/2018). The clinical study was conducted by Kim Carolin Köster as part of her dissertation.
Richard	Langford	The London Clinic	United Kingdom	Yes	The study was sponsored by Mundipharma Research GmbH & Co. KG (Limburg, German). ESTEVE Pharmaceuticals S.A. (Barcelona, Spain) invented and co-developed CTC. CTC is now under development by ESTEVE Pharmaceuticals S.A. RL has received fees from Pfizer, GlaxoSmithKline, Avenue Therapeutics, MedinCell, Heron, BioQ Pharma, and Syntetica for consultancy and speaker activities. AM, MS, JC, AV, EO and NG are employees of ESTEVE Pharmaceuticals. CP-S is an employee of ESTEVE Pharmaceuticals and has pending or issued patents broadly relevant to CTC. JF, SA, GR, LB-H and PJ have no conflicts to declare.
Jost	Langhorst	Department for Internal and Integrative Medicine, Sozialstiftung Bamberg	Germany	Yes	Research grant - Professor Manfred von Ardenne Forschungsförderungsgesellschaft e.V.
Elisabeth Jacomine	Lier	Radboudumc	Netherlands	Yes	This research was funded by the European Regional Development Fund (ERDF).
Segolene	Lithfous	University of Strasbourg	France	Yes	Andre Dufour and Thierry Pebayle have a pending patent on the thermal stimulator used in this study.
Anne Margarete	Maallo	Linköping University	Sweden	Yes	This work was supported by GlaxoSmithKline.
Stine	Maarbjerg	Danish Headache Center, Department of	Denmark	Yes	The trial was investigator-initiated and funded by Novartis. Novartis had no role in designing the study, collecting data, performing data analyses, or writing up the manuscript.

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		Neurology, Rigshospitalet - Glostrup			
Paolo	Maino	Regional Hospital of Lugano	Switzerland	Yes	This study is sponsored by Boston Scientific.
Nadia	Malliou	Hellenic League Against Rheumatism	Greece	Yes	This gap analysis was conducted as part of a the TOUS Include: Training and Ubiquitous Outreach, Using Social Innovation and Co-Design of Learnign Resources and Digical Engagement Project, one of the winning projects of the European Pain Federation EFIC and Pfizer - Lilly Alliance Grant on Education in Pain Associated with Osteoarthritis. The project is ongoing and the gap analysis is already in the first deliverable but never published.
Martina	Morchio	University of Sheffield	United Kingdom	Yes	Funding from Eli Lilly
Chris	Morris		Netherlands	Yes	The CONVEY study was sponsored by Biogen Inc. Medical writing and editing was provided by MediTech Media, Ltd, funded by Biogen Inc. Catharina G. Faber discloses grants from the European Union’s Horizon 2020 research and innovation program under the Marie Sklodowska-Curie grant for PAIN-Net, Molecule-to-man pain network (grant no. 721841), Grifols and Lamepro for a trial on IVIg in small fiber neuropathy, and Prinses Beatrix Spierfonds, and steering committees and advisory boards for Biogen Inc, Vertex Pharmaceuticals Incorporated, Lilly, and OliPass for studies in small fiber neuropathy. Giuseppe Lauria discloses support from the European Commission, Italian Ministry of Health, Lombardy Foundation for Biomedical Research (FRRB), and the Italian Research Foundation for Amyotrophic Lateral Sclerosis (AriSLA) and scientific advisory for CSL Behring, Biogen Inc, Vertex Pharmaceuticals Corporation, Chromocell, Janssen, Lilly, and Bracco; Nadine Attal discloses honoraria from Pfizer Inc, Lilly, Grünenthal, Novartis AG, Merz, Sanofi, and Air Liquide for scientific advice or speakers bureau outside the submitted work and as a consultant for Biogen Inc regarding the development of vixotrigine.

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					Amirhossein Hajihosseini, Michael Serenko, Helen Finnigan, Christopher J. Morris, and Mona Kotecha are employees and shareholders of Biogen Inc.
Adelaida	Morte	ESTEVE Pharmaceuticals S.A.	Spain	Yes	The study was sponsored by Mundipharma Research GmbH & Co. KG (Limburg, Germany). ESTEVE Pharmaceuticals S.A. (Barcelona, Spain) invented and co-developed CTC. CTC is now under development by ESTEVE Pharmaceuticals S.A. AM, DG, JC and NG are employees of ESTEVE Pharmaceuticals. CP-S is an employee of ESTEVE Pharmaceuticals and has pending or issued patents relevant to CTC. All other authors have nothing to disclose.
Deepika	Nair	GlaxoSmithKline Consumer Healthcare	Sweden	Yes	Funding for the study including protocol development and data analyses was provided by GSK Consumer Healthcare. Anela Lihic Haveric and Deepika Nair are employees of GSK Consumer Healthcare. Eskild Klausen Fredslund and Morten Sall Jensen provided data analysis.
Rasmus	Nedergaard	Aalborg University Hospital	Denmark	Yes	This study was funded by an unrestricted research grant from Grünenthal GmbH.
Nadja	Nestler	Paracelsus Medical University	Austria	Yes	Funding by Grunenthal GmbH, without input of the company
Marian	Nicholson	N/A	United Kingdom	Yes	This survey received an unrestricted grant from Pfizer.
Jan-Rickard	Norrefalk	GlaxoSmithKline Consumer Healthcare	Sweden	Yes	Funding for the study including the data analyses and protocol development was provided by GSK Consumer Healthcare. Vishal Rampartaap, Deepika Nair, Vidhu Sethi, Gilbert Shanga and Kate Fabrikant are employees of GSK Consumer Healthcare. Emese Csoke was employee at time of study set-up. Jan Rickard Norrefalk acted as consultant for protocol development and Teresa Wilcox provided data analysis.
Ana Cristina	Paredes	Life and Health Sciences Research Institute (ICVS), School of Medicine, University of Minho	Portugal	Yes	ACP has a PhD scholarship (SFRH/BD/146135/2019) from the Portuguese Foundation for Science and Technology.

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Francesco	Riillo	Medtronic	United States; Italy	Yes	Francesco Riillo is an employee of Medtronic. This study was supported by Medtronic. Author disclosures: Erin Theis, Charles Cain, Andrew Cleland, and Francesco Riillo are employees of Medtronic. David Provenzano, Michael Fishman, Kasra Amirdelfan, Kliment Gatzinsky, and Jan Willem Kallewaard have received consulting fees from Medtronic.
Deirdre	Ryan	Pain Alliance Europe	Belgium	Yes	Grünenthal GmbH has financially supported this survey.
Juliane	Sachau	Division of Neurological Pain Research and Therapy, Department of Neurology, University Hospital Schleswig-Holstein Campus Kiel	Germany	Yes	JS received travel support from Alnylam Pharmaceuticals Inc. and Pfizer, speaker fees from Alnylam Germany GmbH and consultant fees from Pfizer Pharma GmbH. MFD received financial reimbursement for consulting and advisory board activities and travel support to attend scientific meetings by Akcea Therapeutics Inc., Alnylam Pharmaceuticals Inc., Amicus Inc., and Pfizer Pharmaceuticals as well as research funding by Pfizer Pharmaceuticals (ASPIRE 2018). RB received grant/research support from Alnylam Pharmaceuticals Inc. and Pfizer Pharma GmbH, consultant fees from Alnylam Germany GmbH, Akcea Therapeutics Germany GmbH and Pfizer Pharma GmbH and speaker fees from Pfizer Pharma GmbH.
Carola	Santi	Università degli Studi di Brescia	Italy	Yes	Dr.Tinnirello and Dr.Haag received speaking fees from AVANOS Medical Belgium for running workshops on cooled radio frequency
STACY	SCHMITT	Mayo Clinic	United States	Yes	Employment by Mayo Clinic.
Nadine	Schuessler	Paracelsus Medical University	Austria	Yes	The Literature review was conducted as part of an ehealth evaluation project funded by IQ Digital Health GmbH Via Sanitas A-5082 Grödig The company had no influence on any part of the research process of this review.
Daniel	Segelcke	Department of Anaesthesiology,	Germany	Yes	This project was funded by the EU Grant to EPZ: ELAC2015/T07-0713.

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		Intensive Care and Pain Medicine, University Hospital Muenster			
Richard	Semanda	Geriatric Respite Care Foundation Uganda	Uganda	Yes	As we intend to introduce Digital Technology as one tool and therapy for pain management in the ageing population of Uganda, we are looking for any interested groups of people, individuals or digital technology companies that may help us join hands to support our training through provision of computers, data/ credit and training costs. We can also have small consultative research to know the perception of older persons over the use technologies and evaluate if this will reduce on their pain. The program is to target older persons of Uganda aged 55-80 years especially those in the city centers of Kampala, Wakiso Mukono and Mpigi where many older Ugandans are experiencing pain as they fail to meet or see their doctors and families who keep in on the other side of the country. The project therefore will work more on connecting many to different health services for specific geriatric reasons from their homestead. Much as it will not replace face to face patient consultations but it will always be the first option to use the new technology consultations where a doctor may speak to a client or careers. The training will also emphasizes the use of technology in public places like bank, airport, bill payment as well as giving them opportunities to supervise their businesses while at home which has been a challenge to many older Ugandans, hence helping Uganda having many people in the work force at a later age.
Manon	Sendel	University Hospital Schleswig- Holstein/Division of Neurological Pain Research and Therapy, Department of Neurology	Germany	Yes	The study was granted by Asklepios Forschungsförderung (Asklepios research foundation).
Michael	Serenko			Yes	The CONVEY study was sponsored by Biogen Inc. Medical writing and editing was provided by MediTech Media, Ltd, funded by

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					Biogen Inc. Catharina G. Faber discloses grants from the European Union’s Horizon 2020 research and innovation program under the Marie Sklodowska-Curie grant for PAIN-Net, Molecule-to-man pain network (grant no. 721841), Grifols and Lamepro for a trial on IVIg in small fiber neuropathy, and Prinses Beatrix Spierfonds, and steering committees and advisory boards for Biogen Inc, Vertex Pharmaceuticals Incorporated, Lilly, and OliPass for studies in small fiber neuropathy. Giuseppe Lauria discloses support from the European Commission, Italian Ministry of Health, Lombardy Foundation for Biomedical Research (FRRB), and the Italian Research Foundation for Amyotrophic Lateral Sclerosis (AriSLA) and scientific advisory for CSL Behring, Biogen Inc, Vertex Pharmaceuticals Incorporated, Chromocell Corporation, Janssen Pharmaceuticals, Inc, Lilly, and Bracco Group. Nadine Attal discloses honoraria from Pfizer Inc, Lilly, Sanofi, Novartis AG, Grünenthal, Air Liquide, and Merz outside the submitted work and from Biogen Inc for scientific advice on vixotrigine over the past 3 years. Amirhossein Hajihosseini, Christopher J. Morris, Helen Finnigan, Michael Serenko, and Mona Kotecha are employees and shareholders of Biogen Inc.
Abner	Sergooris	Hasselt University	Belgium	Yes	This work was supported by the Special Research Fund (BOF) of Hasselt University (BOF200WB15).
Yaël	Slaghmuylder	Ghent University	Belgium	Yes	This project is funded by Kom op tegen Kanker.
Ulrike	Stamer	Department of Anaesthesiology and Pain Medicine, Inselspital, Bern University Hospital, University of Bern	Switzerland	Yes	W. Meissner: Grants and personal fees from Grünenthal, grants from Pfizer, personal fees from TAD, personal fees from BioQPharm, personal fees from Bionorica, personal fees from Kyowa, personal fees from Northern Swan. personal fees from Tilray, grants from Mundipharma. U. Stamer: Fees (paid to the institution) and reimbursement for travel costs from Sintetica and Sanofi-Aventis (Switzerland), unrelated to this project.

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Stubhaug	Stubhaug	Quantify Research	Sweden	Yes	This study was sponsored by Grünenthal. SH, JLH and AG (Quantify Research) received fees from Grünenthal to conduct this study. AS, AEE and CSN did not receive any fees to conduct this study. SH, JLH and AG are employed by Quantify Research and provide consultancy services to pharmaceutical companies and other private and public organizations and institutions. AS has received research support from Pfizer. AEE and CSN declare no conflict of interest.
Paulo	Teixeira	Spaulding Neuromodulation Center /Harvard Medical School	United States	Yes	Dr. Timothy Wagner and Dr. Laura Dipietro are officers at Highland Instruments, a medical device company. They have patents pending or issued related to imaging, brain stimulation, and diagnostics. All other authors declare that they have no conflict of interest.
Simon	Thomson	Mid and South Essex University Hospitals NHSFT	United Kingdom	Yes	This study is sponsored by Boston Scientific
Zina	Trost	Virginia Commonwealth University	United States	Yes	This research is supported by the US Department of Defense Congressionally Designated Medical Research Spinal Cord Injury Research Program (CDMRP SCIRP)
Anne-Priscille	Trouvin	Université de Paris / Cochin Hospital - Pain Management Department	France	Yes	This work was supported by the EFIC-Grünenthal Grant (E.G.G) awarded and the Cercle d'Etude de la Douleur en Rhumatologie.
Wouter	Van Bogaert	Pain in Motion Research Group (PAIN), Department of Physiotherapy, Human Physiology and Anatomy, Faculty of Physical Education and Physiotherapy, Vrije Universiteit Brussel	Belgium	Yes	1.This work was supported by the Agency for Innovation by Science and Technology (IWT) – Applied Biomedical Research Program (TBM), Belgium (Grant nr. 150180). Also, Wouter Van Bogaert is a PhD research fellow funded by the Research Foundation Flanders (FWO), Belgium ((Fellowship nr. 1S61521N).

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Wouter	Van Bogaert	Pain in Motion Research Group (PAIN), Department of Physiotherapy, Human Physiology and Anatomy, Faculty of Physical Education and Physiotherapy, Vrije Universiteit Brussel	Belgium	Yes	2.Wouter Van Bogaert is funded by the Research Foundation - Flanders (FWO), Belgium (Fellowship nr. 1S61521N). Additionally, a travel grant was awarded by the Research Foundation - Flanders (FWO), Belgium (Grant nr. K229419N) to support this review.
Robert	van Seventer	emc	Netherlands	Yes	Patented procedure for the simultaneous projection of ultrasound and endoscopy
Louise	Wilson	University of Nottingham	United Kingdom	Yes	This research has been conducted as part of my PhD for which I have a scholarship that is jointly funded by the University of Nottingham and Boots UK.
William	Zempsky	Connecticut Children's Medical Center	United States	Yes	William Zempsky – Consultant for GSK, Glycomimetics and Lundbeck. Vanessa Mossali Dolmen – Nothing to disclose. John Bell – Consultant for GlaxoSmithKline Consumer Healthcare, Reckitt Benckiser, Procter and Gamble. Preeti Kachroo and Kamran Siddiqui are employees of GlaxoSmithKline Consumer Healthcare.