ResearchTogether
Patients guiding the future of science

Round 1

Full name	Theme 1	Table number 1	Question
Lola Ajayi Nivethitha Ashok Florencia Pistritto Carolina Borda-Nino-Wildman Rob Drury Sherralyn Drury Konstantina Evdokimou Joanne Ewing	Cancers	1	How do we design research to look at the longer patient journey—beyond the initial, acute treatment and into recovery?
Vineetha Jayawarna Graham McIlroy Danielle King Francesca Kokkinos William Mills John Reaper Natasha Reid Ioanna Rigou	Cancers	2	Development of cancers is associated with changes in the stiffness of tissues, which may provide new ways to detect and monitor disease. Should new methods, such as tissue mechanics, be a research priority?
Gillian Richards Fara van der Schans Jennifer Dziurzynski-Watson Megan Bannister Brian Harkin Mohamed Patel Kathleen Kane	Cancers	3	How can we increase diversity in PPI (Patient and Public Involvement) in cancer research?

Najmeh Alsadat Abtahi Abarghouei Eleanor Barton Amel Bouacida Yu-yin Joanne Chang Justine Clarke Patrick Geoghegan Ryan Meechan Abhay Pandit Hey Wei Wong	Heart disease & vasculature	4	How can cardiovascular research be shaped by patient involvement to address real-world needs, including the role of lifestyle and genetics in heart disease prevention and management?
Matteo Rochon Cocchiara Paula Mendes Dave Jones Viswanath Vittaladevaram Junxiang Wang Joseph Weightman James Wolffsohn Manish Jain Euan Purdie	Biosensors	5	What progress has been made in developing blood markers (or other markers such as tissue mechanics) that can predict the risk of future cancerous conditions? What training is needed in this area, given that early diagnosis can save lives and reduce costs?
Karina Tveen Jensen Lisa Whittaker Lottie Pollak Martha Gallagher Michelle Connolly Rozan Vroman Sarah Markham Shereen Sadiq Wilhemina Obeng-Fobi	Brain trauma/conditions & epilepsy	6	How can research inform practical solutions for individuals living with brain trauma, including cognitive and memory concerns? How can these solutions be effectively shared with patients, their support systems, and rehabilitation professionals? Additionally, how can we meaningfully involve patients in pre-clinical and lab-based research to ensure their perspectives are considered in the development of new treatments?
Amaziah Alipio Jane Campbell Sarah Campbell-Adams Sophie Caprioli Mark Chadwick Lucy Ellerker-Jones Delphine Gourdon Manuel Salmeron-Sanchez	Stem cell therapies	7	How can research help improve communication with patients, families, and other stakeholders to ensure informed decision-making about stem cell research and advocacy (e.g., engaging policymakers)?

Bengy Speer Wolfgang Speer Jemma Hay-Bryant Alicia El Haj Olivia Johnson-Love Karen Keates Merna Maung Aikaterini (Katie) Miari Louise Moore Seyedmohammad Moosavizadeh	Stem cell therapies	8	How are stem cell therapies expected to improve the treatment of joint degenerative conditions like osteoarthritis in the near future? How can the CDT ensure researchers are trained with the right skill sets to drive this research?
Celia Ribes Balanza Mathis Riehle Conor Robinson Kayleigh Roe Dora Rogkoti Felicity Rose Samantha Russell Mhairi Copland Bronagh Scott Matthew Dalby	Stem cell therapies	9	Autologous stem cell transplantation (ASCT) is widely used in treating blood cancers (e.g., multiple myeloma). What new treatments are expected in the coming years that could potentially replace or improve ASCT?
Monica P Tsimbouri Abigail Weatherup Nella Weatherup Helen Wheadon Louis Hutchings Lineta Stonkute Amrutha Varshini Hariharan Sophie Tinley Marija Zacharova Katy McGonigal	Stem cell therapies	10	To what extent are live animal models currently used in stem cell therapy development, and what role does tissue modelling play? Should tissue models have an increasing role, and should they be considered by drug regulators alongside or without the need for animal data?
Thaiba Bano Karen Blanchflower Kasam Parkar Elaine Duncan Adam Efrat Sarah Hall Elly Hall Kamalnath Selvakumar Paola Sofia Serrano Bravo Arif Shah	Healthcare advancements	11	What is the right balance for researchers (and funders) to focus on basic/fundamental research of a disease versus applied research with a more immediate benefit to patients?

Rory Barnes Jonathan Best Ella Boswell Imen Boumar Joanne Chambers Clara Cosa Garcia Gerard Cummins Graham Day Owen Drabwell Ross Ellice	Biosensors	12	Can feedback from biosensors be integrated with AI to improve the management of long-term conditions and support independent living at home?
Charlotte Coates Emma Lardner Athena Mattheou Cristina Gonzalez-Garcia Reese McCormack Narjes Meselmani Finlay Cunniffe Cian Whelan Charlene Young Michelle Carmichael	Skin & wounds	13	What topical treatments are currently available for skin and wound healing, and what advancements are needed to improve their effectiveness?
Marcos Fernandez-Villamarin Rebecca Ginesi Patrick Hurley Matthew Walker Lynne Smith James Kennedy Andrew Sutton Daniel Nicol Martin Peacock Massimo Vassalli	Biosensors	14	In disease, tissues often become stiffer (fibrosis). How can we incorporate mechanical biosensors alongside biochemical ones (e.g., glucose monitors) in at-home care?
Liam Grover Lena Hermanstein Xally Montserrat Valencia Guerrero Savvas Ioannou Julia Isakova Emma Jackson Brian Hermanstein Claire Jowett Shaima Riha Coreen Kelday	Bone & joint damage	15	How can researchers and clinicians improve patient understanding, trust, and advocacy for experimental regenerative treatments for bone and joint conditions, such as cell therapies or tissue-engineered therapies? How can current treatment options be improved?

Ivel Sewell Una Sewell Paris Alexandros Kalli Ricky Wildman Jennifer Willis Soumeya BOUACIDA Caroline Brocklehurst Sharon Wilson-Smith Sophie Hartley	Bone & joint damage	16	Should researchers and clinicians take gender-specific factors into account in laboratory bone and joint research, considering some conditions disproportionately affect women (e.g., osteoporosis, rheumatoid arthritis, osteoarthritis, and anterior cruciate ligament tears)?
Akash Garhwal Bianca Castelli Eleanor Holt Emily Maxwell Erin Reardon Iona Taylor Jonathan Williams Simon Privett Patricia Perez Estaban	Brain trauma/ conditions & epilepsy	17	Should researchers and clinicians work more closely with patient groups and charities to prioritise raising awareness for brain health research, which is considered underfunded? Are non-animal technology approaches the future of brain research discovery?
Margaret Lucas Amy Capper Michael McCormick Penny Clapcott Rosalia Cuahtecontzi Delint Paloma-Nicole Dias Dos Santos Hussain Jaffery James Doonan Samantha Drewett Mohamed EL-Melegy	Bone & joint damage	18	What skills and technologies do we need to develop to overcome large bone loss following traumatic injury or surgery, such as tumour removal (e.g., ameloblastoma)?