



**Minutes of the 2020 AGM of the Flow Cytometry Section of the Royal Microscopical Society
which took place on Monday 16 November 2020 during the
Virtual Microscopy: Advances, Innovation, Impact 2020 Meeting**

Members Present: Mr Derek Davies FRMS, (Flow Cytometry Chair), Professor Grace Burke FRMS (RMS President), Dr Peter O'Toole FRMS (RMS Vice President), Professor Michelle Peckham FRMS (RMS Honorary Secretary), Dr Lynne Joyce FRMS, (RMS Honorary Treasurer), Professor Rik Brydson FRMS (Honorary Secretary for Education (Physical Sciences)), Professor Maddy Parsons FRMS (Honorary Secretary for Education (Life Sciences)), Dr Debbie Stokes FRMS (International Secretary), Dr Brad Amos Hon FRMS, Dr Kurt Anderson FRMS, Dr Paul Appleton FRMS, Dr Miryam Arredondo FRMS, Mr Mike Ashton FRMS, Mr Steve Bagley FRMS, Dr Saskia Bakker FRMS, Mr Paul Balas, Dr Alex Ball FRMS, Ms Eliana Battistella, Mr Ian Belding, Dr Jacquelyn Bond FRMS, Professor Stanley Botchway, Ms Beatrice Bottura, Dr Nicola Cayzer, Miss Jessica Chandler, Dr David Chatelet, Mr Jay Christopher, Dr Paola Ciselli FRMS, Dr Laura Clark, Dr Charles Clifford FRMS, Dr Joel Cohen, Dr Sean Collins, Dr Lucy Collinson FRMS, Ms Maria Conejero, Professor Sonia Contera, Dr Susan Cox FRMS, Mrs Tracey Davey, Dr Giovambattista Depietra FRMS, Dr Emmanuel Derivery, Dr Michael Dixon, Dr Peter Djali FRMS, Professor Vinayak Dravid FRMS, Dr Elizabeth Duke, Professor Rafał Dunin-Borkowski FRMS, Dr Chris Dyer, Dr Anna Lena Eberle, Professor Francis Adelaide GO Fakoya, Mrs Kim Findlay FRMS, Professor Roland Fleck FRMS, Dr Leslie Franchi FRMS, Mr Matthew Francis, Mr Adrian Garcia Burgos, Dr Iria Gonzalez-Dopeso Reyes, Dr James Gott, Dr Joelle Goulding, Dr Nicola Green FRMS, Mr Owen Green FRMS, Mr Paul Gunning FRMS, Miss Pamela S Hamer FRMS, Dr Sarah Harper, Dr Daniel Haspel, Professor Pippa Hawes FRMS, Mr Qamar Hayat, Dr Brian Hayes FRMS, Mr Daniel Hewes, Professor Jamie Hobbs, Dr Karen Hogg FRMS, Dr Andrea Holme, Miss Carmel Howe FRMS, Dr Gareth Howell, Dr Ashley Howkins, Dr Chen Huang, Professor Sir Colin Humphreys Hon FRMS, Dr Grenham Ireland FRMS, Mr Gareth Jackson, Dr Izzy Jayasinghe, Dr Mark Jepson FRMS, Mr Peter Johnson, Dr Errin Johnson FRMS, Dr Martin Jones, Dr Sohini Kar-Narayan, Dr Georgeanna Kawaley, Dr Daniel Kelly FRMS, Dr Demie Kepaptsoglou, Professor Rob Kessler FRMS, Mr Sarfraz Khan, Dr Werner Knebel, Dr Marie Kokolski FRMS, Professor Oleg Kolosov, Professor Roland Kröger FRMS, Dr Alex Laude FRMS, Dr Nicola Lawrence FRMS, Dr Leandro Lemgruber, Dr Imre Lengyel, Professor Stefan Linder, Mr Yunxing Ma, Mr Pedro Machado, Mr Kevin Mackenzie FRMS, Dr Kirsty MacLellan-Gibson FRMS, Dr Alessandro Di Maio FRMS, Mr Ofentse Makgae, Dr John Mansfield, Ms Joanne Marrison FRMS, Mr Patrick McBean, Professor Gail McConnell FRMS, Dr Emma McDermott, Mr Eddie McGuigan, Dr Greg McMahon FRMS, Mr Steve Metcalfe FRMS, Dr Katy Moffat, Mr Barry Moran, Dr Flavia Moreira-Leite, Mr David Morgan, Mr Ricardo Morilla FRMS, Dr Caroline Muellenbroich FRMS, Ms Marlies Muernseer, Dr Duncan Muir, Mr Tiarnan Mullarkey, Professor Sebastian Munck, Dr Mogana Das Murtey, Mrs Niga Nawroly, Dr Chas Nelson, Dr Glyn Nelson FRMS, Dr Ulla Neumann FRMS, Dr Shirley Northover FRMS, Dr Fabio Nudelman, Dr Tom O'Hanlon, Mr Richard Osgood, Dr Dogan Ozkaya FRMS, Dr Graeme Park FRMS, Dr Julia Parker, Dr Christopher Parmenter FRMS, Mr Seymour Perlowitz FRMS, Dr Lucia Pinon-Giraldez, Dr Aleks Ponjavic, Dr Eric Prestat FRMS, Ms Frances Quigley, Professor Klaus Qvortrup FRMS, Dr Stefanie Reichelt, Dr Roland Remenyi FRMS, Ms Lorelei Robertson, Professor Brian Rodriguez, Dr Liam Rooney FRMS, Dr Eduardo Rosa-Molinari, Dr Mara-Camelia Rusu, Dr Rebecca Saleeb, Ms Nicole Salgado Cortes, Dr Hilary Sandig, Dr Andrew J Scott FRMS, Mr Rod Shipley, Ms Jennifer Simpson FRMS, Mr Kevin Smith FRMS, Mr Alexander J Sossick FRMS, Mrs Harriet Spatharakis, Dr Natasha Stephen FRMS, Dr Jane Stinchcombe, Dr Kornelis Straatman FRMS, Mr Leslie Stump FRMS, Dr Cassandra Terry, Mr Michel Theron FRMS, Dr Steven Thomas FRMS, Mr Ashutosh Tiwari, Ms Dhani Tracey-White, Miss Beatriz Vale, Professor Ventsislav Valev, Professor Paul Verkade FRMS, Ms Suzy Vitale, Dr Kislou Voitchovsky FRMS, Ms Margaret I Walby FRMS, Dr Thomas Walther FRMS, Dr Theresa H Ward FRMS, Dr Ecaterina Ware, Dr Claire Wells FRMS, Miss Lucinda Wight FRMS, Dr Neil Wilson FRMS, Professor Tony Wilson Hon FRMS, Dr Christopher Wood, Mr Heath Young and Ms Xiangli Zhong FRMS.*

1. Preliminary Courtesies and Apologies for Absence

Apologies for absence had been received from Dr Adrian Burden FRMS, Mr Mark Cheetham, Mr Maurice Dunman FRMS, Dr Nadia Halidi, Mrs Gillian Hibbs, Dr John Hutchison Hon FRMS, Professor Beverley Inkson FRMS, Dr Alexander Lichius FRMS, Dr James Perkins, Professor Anthony W Robards OBE FRMS and Professor David B. Williams Hon FRMS.

2. Minutes of the 2019 Annual General Meeting

The Minutes were approved as a true and accurate record of the meeting.

3. Matters Arising

There were no matters arising.

4. Report from Section Chair

Mr Derek Davies:

"This is the end of my third and final year as Chair of the Flow Cytometry section. Last year, at the AGM during mmc2019, I was able to give a review of all the meetings and courses that we put on. Of course, I don't need to tell you that this year has been rather different! However, that is not to say that we have not been active again. Prior to the lockdown in March 2020, we did have some face-to-face meetings. In July 2019, we ran a very successful "High dimensional cytometric data analysis" day at the Francis Crick Institute which attracted over 50

delegates to hear state-of-the art talks from both academia and companies. It was organised by Derek Davies and Gareth Howell and was a great meeting for those new to the field and sparked a lot of collaborations. We did run our annual Flow Cytometry course at the University of York where 34 delegates were treated to a week of basic introduction and then specific applications in both the clinical and research cytometry fields.

In September 2109, along with the LM and EM sections, we introduced a new course specifically for new Core Managers or those who were interested in learning more about the administrative aspects of facilities. This was run over 2 days for 20 delegates from a cross-section of core facilities. It was over-subscribed so the plan is to keep this in the meeting's agenda in future.

flowcytometryUK2019 was held in November at the Babraham Institute in Cambridge. This was the first time this one-day meeting has been held outside London and it was great success with almost 100 delegates and a large exhibition. It was also the opportunity to present the Flow Cytometry section medal to Dr Andy Filby (University of Newcastle).

January saw the third Flow Facilities meeting this time in Newcastle organised by Andy Filby and his team. Spread over two days, this is now an established meeting where all delegates are equal and, as usual, there were some inspiring talks and a chance to get an update from relevant Societies and funding bodies.

Things rather ground to a halt after the announcement of the first lockdown in March 2020 but we realised that we need to provide both information and educational opportunities to our members. Initially this was via a series of virtual meetings to discuss the impacts that the COVID-19 situation had had on facilities and how this would impact us all in the future. We ran three of these (15 May, 12 June, 17 July) and they were attended by well over 300 people in total and were extremely interactive and the fact that this was run via Zoom meant we could attract a worldwide audience and indeed we had attendees from almost 30 countries.

We had to postpone *flowcytometryUK2020* which was due to be held at the University of Birmingham in July but we have re-scheduled this for July 2022 at the same venue.

Regrettably we also had to cancel the annual Flow Course but in its place we ran a data analysis course held over four afternoons in September. This was very much an experimental course and put together very quickly but it was well-received and as we now have the experience in running in this format it gives us another offering that can be run enabling us to attract delegates who maybe could not afford to travel. The organisers were Peter O'Toole and Karen Hogg (U York) Derek Davies and Sukhveer Purewal (The Francis Crick Institute). In parallel a very successful clinical flow day was organised by Stephen Couzens (U Cardiff), David Bloxham (U Cambridge) and Dan Payne (St James's Hospital, Leeds). We would especially like to thank Tor Masters and Katie Reynolds in the Office for their help with setting this up so quickly.

Of course, we hope to return to face to face meetings in 2021 but we have already planned two virtual meetings for January. The Flow Facilities meeting will be run over two afternoons and we have enlisted co-organisers from the USA to help us expand our audience. The Core Managers course that we ran in association with the LM and EM sections will also run virtually. Details of all forthcoming course are available on the RMS website. Also on the website, we have the Facilities database (<https://www.rms.org.uk/network-collaborate/facilities-database.html>) and there are now over 25 flow facilities represented, so if yours is not there, now is the time to add it!

Later in the year, we have two sessions planned at mmc2021 on imaging flow cytometry, and quantitative spatial cytometry; and we hope that *flowcytometryUK2021* will again be held at the Babraham Institute. At the latter meeting, we will present the Flow Cytometry Medal to Gert van Isterdael (VIB-UGent Center for Inflammation Research Ghent, Belgium).

Lile all Sections, and the Society itself, we are extremely grateful to the many companies that sponsored events during this year, this is a difficult time for them to and we are grateful for their continued support.

As well as this being my last action as Chair, we are also saying goodbye to several Committee stalwarts – Ian Titley, Andy Herman, Andy Filby and Richard Grenfell. The new Committee will step in after this AGM and will be led by Karen Hogg (Chair, University of York) and Gareth Howell (Vice-Chair, University of Manchester)

Finally, I would like to thank all the Section Committee members who have worked extremely hard to provide a series of scientific and educational offerings in challenging times and at a time when they are also needed in their workplaces; the Society works hard at providing appropriate educational offerings and I am proud that the Flow Cytometry section has contributed fully to this. Of course none of this would be possible without the fabulous team in the office led by Allison, I have greatly enjoyed my interactions with everyone and will be sad to step down, but I am looking forward to continuing helping with events in the future.”

5. Election of Officers

There being no other nominations, the following Officers were duly elected:

Chair: Dr Karen Hogg, University of York
Vice Chair: Mr Derek Davies, The Francis Crick Institute
Deputy Chair: Dr Gareth Howell, University of Manchester

6. Election of Ordinary Members

There being no other nominations, the following Ordinary Members were duly elected:

Mr Anthony Carter, The Royal Liverpool and Broadgreen University Hospital
Dr Helen Ferry, Experimental Medicine Division, NDM, Oxford
Dr Yanping Guo, UCL Cancer Centre
Dr Robert Jepras, GSK
Dr Katy Moffat, Pirbright Institute
Mrs Niga Nawroly, ACEA Biosciences
Dr Rachael Walker, Babraham Institute, Cambridge
Dr Fredrik Wallberg, Institute of Cancer Research, London

In addition to the nominated Committee Members, Mr Mark Cheetham, Dr Hilary Sandig, Dr Andrea Holme and Dr Barry Moran have been co-opted onto the Committee. Dr Irene Del Molino Del Barrio has been co-opted as the Early Career Representative

Dr Ian Titley will be invited to attend meetings to represent infocus.

7. Any Other Business

There was no other business.

***Non-Members Present:** Ms Stella Aslanoglou, Dr Maria Manuela Azevedo, Professor Daniel Bahena Uribe, Mr Ganesh Bangar, Ms Alison Beckett, Mr Paul Bennett-Hughes, Dr Olga Biskou, Dr Matthew Boebinger, Ms Katherine Brown, Dr Matthieu Bugnet, Miss Kate Burgoyne, Mr Benjamin Butler, Dr Anderson Caires, Dr Pasquale Cervero, Ms Raquel Checca, Dr Helena Coker, Dr Marie-Charlotte Domart, Ms Elizabeth Duffy, Mrs Linda Duncan, Mr Mohammed Fadhil, Dr Alessandro Felder, Dr Aruni Fonseka, Professor Jacky Goetz, Miss Abi Graham, Dr Wei Guan, Dr Fredrik Hage, Mr Glenn Harper, Dr Xavier Heiligenstein, Ms Annemarie Held, Ms Elizabeth Hillman, Mr Ian Holton, Dr Tzipi Hyams, Dr Jung Ho Hyun, Miss Lucy Isherwood, Dr Deidre Kavanagh, Mr Christian Koch, Miss Eleni Konstantinopoulou, Dr Vineet Kumar, Dr Penny Lawton, Professor Alice Liang, Miss Shu En Lim, Mr Paco Lopez-Cuevas, Ms Ying Lui, Mr Omar Matar, Dr Maria J Mazon-Moya, Dr Elizabeth McCarthy, Dr Sudhajit Misra, Dr Aleksander Buseth Mosberg, Dr Ali Mostaed, Professor Serge Mostowy, Dr Dorothea Muecke-Herzberg, Dr Hoan Ngo, Dr Giuseppe Nicotra, Mr James Nunn, Miss Adaobi Ojiakor, Dr Anna Oliveras Martinez, Ms Elizaveta Olkhova, Dr Gizem Ozbaykal, Dr Hilda Amalia Pasolli, Mr Vinay Patel, Mr Peter Pilecki, Professor Quentin Ramasse, Mr Cam Robinson, Ms Marta Rudzite, Dr Matthew Russell, Mr Ebrima Saho, Dr Yannick Schwab, Mr Stan Schwartz, Mr Kieron Scully, Dr Violaine See, Mr Ankur Sharma, Mr Benjamin Shaw, Dr Alpesh Shukla, Dr Avinash Singh, Dr Maria Chiara Spadaro, Professor Toma Susi, Dr Raymond Unocic, Dr Chloe van Oostende-Triplett, Mr Daniel Waiger, Dr Shihao Wang, Ms Lauren Wilburn, Ms Steffi Woo, Dr Charles Wood, Dr Mingjian Wu and Mr Mingquan Xu.