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# UKEMS ANNUAL GENERAL MEETING

MONDAY 3<sup>RD</sup> JULY 2023, CLONTARF CASTEL HOTEL, DUBLIN



United Kingdom Environmental Mutagen Society

# AGENDA



1. Minutes of previous AGM (Robert Smith)
2. President's Report (Gareth Jenkins/Mike Routledge)
3. Treasurer's Report (Jon Howe)
4. Mutagenesis Editor's Report (Shareen Doak)
5. IGG Chairperson's Report (Paul Fowler)
6. MEG Chairperson's Report (Hannah Elliott)
7. NGS SIG Chairperson's Report (Anthony Lynch)
8. NUKEMS Chairperson's Report (Fiona Chapman)
9. Vice President election result and new Ordinary Members (Mike Routledge)
10. UKEMS Awards (Mike Routledge): Jim Parry 2023 & Request for nominations for Young Scientist 2024 and UKEMS Fellows
11. UKEMS 2024 (Mike Routledge)
12. AOB

# I. MINUTES OF THE UKEMS AGM FROM 4<sup>TH</sup> JULY 2022, ROYAL HALL, HARROGATE



- The minutes were made available on the UKEMS website prior to the 2023 AGM for UKEMS members to review.
- The minutes were agreed by the UKEMS membership.



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## 2. UKEMS PRESIDENT REPORT

GARETH JENKINS

# UKEMS PRESIDENT REPORT



- Gareth Jenkins began his report by commenting on how he has enjoyed his tenure as UKEMS President. Gareth commented that he had held the position for 3 years, rather than 2 year due to Covid. Gareth noted that the society had coped well through Covid and had been able to support the membership in different ways; supporting virtual meetings, additional grants, for example.
- Gareth noted that the society is in a good position with consistent membership numbers and finances. Gareth highlighted the importance of the Mutagenesis to the society finances and how the committee have tried to promote and increase awareness Mutagenesis to the membership.
- Gareth reported that UKEMS had made a large number of grant awards to individual members, including conference bursaries, travel awards, summer placements and small grants.
- Gareth highlighted that the next ICEM conference will be hosted by EEMGS and UKEMS at the EICC in Edinburgh, 6<sup>th</sup> – 10<sup>th</sup> September 2026.
- Gareth thanked the committee and membership for their support during his period in office as President and formally handed over to the new President; Michael Routledge.



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## 3. TREASURER'S REPORT

JON HOWE

## MEMBERSHIP #



- July 2023 (Jan 2023, Jul 2022, Jan 2021, Sept 2020, Jun 2020, Jan 2020, 2019, 2018)
- 17 FELLOWS (15, 15, 12, 12, 4, 16, 16, 14)
- 123 (133\*) MEMBERS (101, 94, 82, 72, 58, 80, 91, 86)
- 28 STUDENTS (27, 31, 50, 37, 23, 46, 58, 44)
- TOTAL = 168# (153, 140, 154, 131, 85, 142, 165, 144)

\* Old DDebits of 10 members paid directly into UKEMS account (will not be listed as members on website)

# Current membership from UKEMS website

# NON ACTIVE MEMBERSHIP (JULY 2022)



- 6 FELLOWS (not listed)
- 15# MEMBERS
- 61# STUDENTS
- 14# No affiliation

# Currently on UKEMS website but with no active membership



# SUBSCRIPTIONS



- Subscriptions (£25)/membership now managed on UKEMS Website (Affinity Events Ltd)
- Full membership still increasing as more members register on new website
- Student membership decreasing – need to target new and existing students to register/re-register
- Please ensure students re-join as full members once they have graduated
- It is members responsibility to ensure that their membership is active

# BANK ACCOUNTS



- Balance at 30th July 2022
  - Lloyds TSB: £146,299.67
- *Major Debits since Sept 2022/23*
  - UKEMS 2022 final payment £4,961.65
  - UKEMS 2023 Annual Meeting fund £10,000
  - Summer Students £8,043.34
  - ICEM/travel bursaries £20,302.94
  - UKEMS SIG support (IGG, MEG) £11,782
  - UKEMS support for PAEMGS £3,540
- *Major Credit in 2020, 2021, 2022, 2023 - £94,203, £89,044, £84,607.00, £80,030 (Mutagenesis profit share)*

# BREAKDOWN OF PAYMENTS (2022 + 2023)



	£
UKEMS 2022 final payment	4961.65
UKEMS Conference/travel bursaries	8043.34
UKEMS 2023 Annual Meeting fund	10000
Committee expenses	1909.34
Summer studentship/Pilot grants	20302.94
ICEM/travel bursaries	8043.34
EEMGS Subs	1320
SOB	390
IGG, MEG Annual + workshop support	11782
UKEMS support for NGS Workshop	10000
Mutagenesis editorial expense	6000
UKEMS support for PAEMGS	3540
UKEMS support of IWGT	5000

# UKEMS + SIG ACCOUNTS



- UKEMS (+ IGG and MEG) 2022 accounts submitted for audit prior to submission to The Scottish Charity Regulator (OSCR).

# mutagenesis



## 4. MUTAGENESIS EDITOR'S REPORT

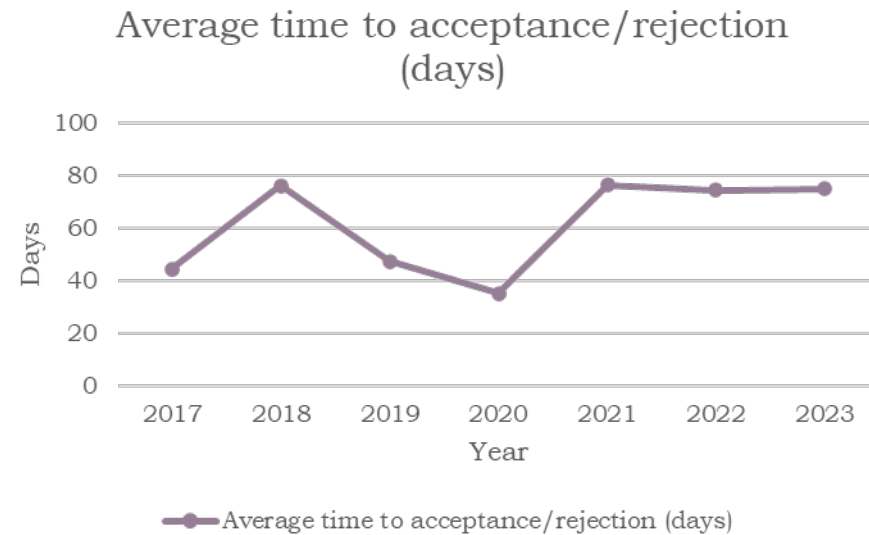
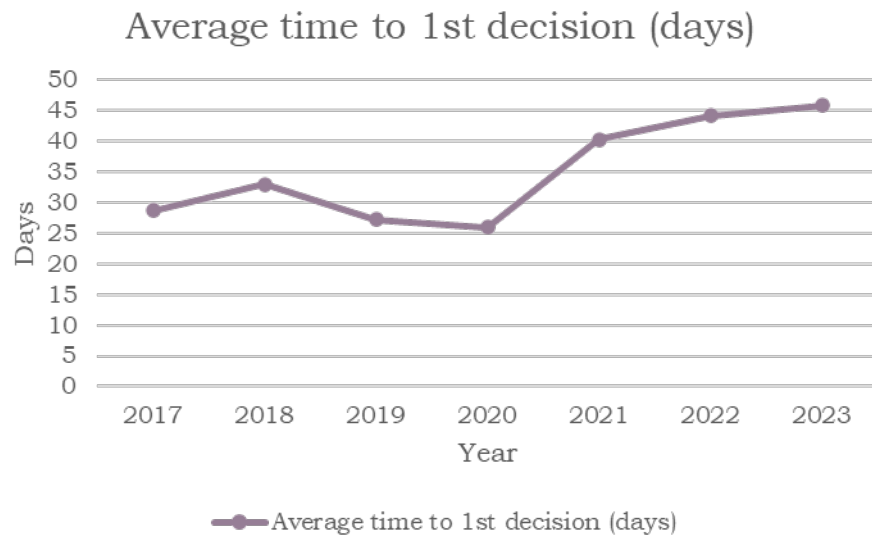
SHAREEN DOAK



# MANUSCRIPT HANDLING

mutagenesis

- 48 submissions from 1st Jan – 31st May 2022; 20% rejection rate
- Average time to 1st decision: 45.8 days
- Average time to acceptance: 75 days



# SPECIAL ISSUES AND TOPICS

mutagenesis

2022

- Special Topic: Use of alternative higher-tier models in genotoxicity testing, Vol 37.2
- Guest Editor: Ruth Morse & Stefan Pfuhler

2023

- Special Topic: EEMGS New Investigators - Rising stars in environmental mutagenesis, Vol 38.1
- Guest Editor: Ruth Morse & Stefan Marko Gerić, Fiona Chapman, Eylül Bankoğlu

Planned

- Special Issue: Current understanding of gastrointestinal cancer
- Guest Editor: Pavel Vodicka

# EDITORIAL BOARD CHANGES

mutagenesis

- Retired from the Senior Editorial Board (Dec 2022)
  - Michael Story (USA)
- Appointed to the Senior Editorial Board (Jan 2023)
  - Helena Reinardy (UK)
  - Stefan Pfuhler (US)
- Appointed to the Editorial Board (Jan 2023)
  - Maria Dusinska, Norway
  - Amaya Azqueta, Spain



# MUTAGENESIS BEST PUBLICATION PRIZE

mutagenesis

- Paper of the Year Award 2023 (Scored by its citations & downloads in 2022)

## **Organoids for toxicology and genetic toxicology: applications with drugs and prospects for environmental carcinogenesis**

*Angela L. Caipa Garcia, Volker M. Arlt, David H. Phillips*

Mutagenesis, Volume 37, Issue 2, Pages 143-154

# ACKNOWLEDGEMENTS

mutagenesis

- Salma Begum-Rahman, Mutagenesis Editorial 'Office'
- Senior Editors, past and present
- Sarah McKenna & team, OUP
- Members of Editorial Board, past and present
- Reviewers!
- Last but not least, **AUTHORS!!**



## 5. IGG CHAIRPERSON'S REPORT

PAUL FOWLER



## IGG member companies:

- Member companies have been updated (total of 15, Mergers etc.)

<b>Company/Institution</b>	<b>Contact Name</b>
<b>Labcorp</b>	Darren Kidd
<b>Unilever</b>	Andy Scott
<b>Syngenta</b>	Ewan Booth
<b>Sequani</b>	Paul Grindey
<b>AstraZeneca</b>	Ann Doherty
<b>GSK</b>	Julia Kenny
<b>BAT</b>	Ian Crooks
<b>Gentronix</b>	Matt Tate
<b>Lhasa Ltd</b>	Grace Kocks
<b>Swansea Uni</b>	Kate Chapman
<b>FSTox Consulting</b>	Paul Fowler
<b>Exponent</b>	Geoff Hynes
<b>Cehtra</b>	Peter Jenkinson
<b>ERM</b>	Damien Bowen
<b>Corteva</b>	Carol Beevers

- Member companies are currently being reviewed.
- To remain a voting member, should have attended 1 out of last 3 annual meetings.

## 35<sup>th</sup> IGG - Hallam 10<sup>th</sup> 11<sup>th</sup> Oct 2022



18:00-19:00	<b>Registration and Welcome</b>	<ul style="list-style-type: none"> <li>Final numbers 42 inc. speakers and committee</li> </ul>
19:00	Opening of meeting	Paul Fowler - IGG
19:00-19:45	Rich Williams Memorial award intro  Linda Reilly AZ/Swansea  Dannii Harte GSK	Grace Kocks – Lhasa/IGG <ul style="list-style-type: none"> <li>Some only came for the second day</li> <li>Feedback good, some nice discussion and interaction, relaxed atmosphere</li> <li>Covid still causing issues</li> </ul>
19:45- 20:25	Steve Dean – Career Retrospective	Steve Dean - Imagen
20:25-20:30	RW winner announced - Close	Paul Fowler - IGG
09:30-10:00	<b>Registration and Welcome</b>	<ul style="list-style-type: none"> <li>Reasons for low numbers? IWGT, timing, content, lack of virtual option?</li> </ul>
10:00	Opening of meeting	Paul Fowler - IGG
10:00-10:50	IWGT - overview and outcomes	Hans Joerg Martus - Novartis
10:50-11:40	IWGT - <i>In vivo</i> group outcomes	Carol Beevers - Corteva
11:40-12:00	<b>Coffee</b>	
12:00-12:50	IWGT – <i>In vitro</i> group outcome (remote)	Stefan Pfuhler – P&G
12:50-13:00	Annual General Meeting	Paul Fowler - IGG
13:00-14:00	<b>Lunch</b>	
14:00-14:40	IWGT – HCD outcomes	Rob Smith - Labcorp
14:40-15:10	Data workshop	Peter Jenkinson - Cehtra
15:10-15:30		Rob Smith - Labcorp
15:30-16:00		Ewan Booth - Syngenta
16:00	Close of Meeting	Paul Fowler - IGG



WINNERS OF  
THE RICHARD WILLIAMS MEMORIAL AWARD 2022

# Dannii Harte & Linda Reilly

TO BE PRESENTED AT THE 2023 UKEMS 45TH ANNUAL  
MEETING



# CHANGES TO THE IGG COMMITTEE



## Committee (as of July 2023):

Paul Fowler, Chair

Eva Lessmann, Secretary

Grace Kocks, Social media

Darren Kidd, Treasurer

Julie Hayes

Amy Wilson

Paul Grindey

Linda Reilly

## Company

FSTox Consulting

Syngenta

Lhasa

Labcorp

Gentronix

AstraZeneca

Sequani

Swansea/NUKEMS

## Joined

2017

2019

2020

2019

2022

2021

2022

2021

## Left

# IGG ACCOUNTS SUMMARY (2022)



IN	OUT	Notes
8530.14		Balance carried from 2020
2000		2021 Annual Grant
2000		2022 Annual Grant
5		Bank charge (Jan)
5		Bank charge (Feb)
4098		50% Deposit for The Hallam (10/11th Oct 2022 meeting)
5		Bank charge (24 Mar)
71.10		IGG Committee meeting - dinner on 3rd May (for 5 people)
59.71		IGG Committee meeting - Lunch on 4th May (for 5 people)
5		Bank charge (24 Apr)
205.99		IGG committee meeting travel expenses - Amy Wilson
43.16		IGG domain name - fee (from 2020)
2762		The Hallam deposit (Nov 2021 booking) returned from UKEMS
5		Bank charge (24 May)
62.11		IGG committee meeting travel expenses - Paul Fowler
5		Bank charge (24 Jun)
119.99		Krystal Hosting (RUBY package)(June 2022 to June 2023)
19.18		Domain renewals x 2 (Jun 2022)(Paid to DKIDD)
5		Bank charge (02 Jul)
50		Paul Fowler - LoveAdmin refund (system test)

<b>2022</b>	<b>IN</b>	<b>6762.00</b>
	<b>OUT</b>	<b>4764.24</b>
Current Balance		<b>10527.90</b>

## 2022 Transactions (Summary)

OUT	
Bank charges (account to be moved post Annual meeting)	35.00
Committee expenses	398.91
Website costs	182.33
Annual Meeting - deposit	4098.00

IN	
2021 Annual Meeting refund	2762.00
Grants (from UKEMS - 2021 + 2022)	4000.00

– Thanks to UKEMS for the annual grant



# IGG ACCOUNTS SUMMARY (2023)

<b>2022</b>	<b>IN</b>	<b>9120.88</b>
	<b>OUT</b>	<b>13720.58</b>
<b>Current Balance</b>		<b>3930.44</b>

## OUT

Bank charges (account to be moved post Annual meeting)	50.00
Committee expenses	508.71
Website costs	182.33
Annual Meeting - deposit	4098.00
Annual Meeting - Speaker costs	843.95
Annual Meeting - Committee costs	492.57
Annual Meeting - final bill	7440.12

## IN

2021 Annual Meeting refund	2762.00
Grants (from UKEMS - 2021 + 2022)	4000.00
Annual Meeting - Registrations	1251.28
Annual Meeting - Sponsorships	1106.60

## Pending

Hans-Joerg expenses from Winter Meeting

– Thanks to UKEMS for the annual grant

IN	OUT	Pending	Notes
8530.14			Balance carried from 2020
2000			2021 Annual Grant
2000			2022 Annual Grant
	5		Bank charge (Jan)
	5		Bank charge (Feb)
	4098		50% Deposit for The Hallam (10/11th Oct 2022 meeting)
	5		Bank charge (24 Mar)
	71.10		IGG Committee meeting - dinner on 3rd May (for 5 people)
	59.71		IGG Committee meeting - Lunch on 4th May (for 5 people)
	5		Bank charge (24 Apr)
	205.99		IGG committee meeting travel expenses - Amy Wilson
	43.16		IGG domain name - fee (from 2020)
2762			The Hallam deposit (Nov 2021 booking) returned from UKEMS
	5		Bank charge (24 May)
	62.11		IGG committee meeting travel expenses - Paul Fowler
	5		Bank charge (24 Jun)
	119.99		Krystal Hosting (RUBY package)(June 2022 to June 2023)
	19.18		Domain renewals x 2 (Jun 2022)(Paid to DKIDD)
	5		Bank charge (02 Jul)
	50		Paul Fowler - LoveAdmin refund (system test)
	50		Peter Jenkinson - LoveAdmin refund
	268.39		IGG 2022 expenses - Dannii Harte
	268.27		IGG 2022 expenses - Steve Dean
	276.16		IGG 2022 expenses - Paul Fowler
	307.29		IGG 2022 expenses - Robert Smith
	5000		Final bill from The Hallam (first payment)
	5		Bank charge (02 Aug)
	5		Bank charge (02 Sep)
	5		Bank charge (02 Oct)
	2440.12		Final bill from The Hallam (final payment)
	93.08	€ 497.07	IGG 2022 expenses - Hans-Joerg
			IGG 2022 expenses - Grace Kocks
267.05			Annual Meeting sponsorship from Litron (\$350 minus PayPal fee and currency conversion)
339.55			Annual Meeting sponsorship (Labcorp) (£350 minus PayPal fee)
500.00			Annual Meeting sponsorship (Gentronix)
1251.28			Annual Meeting Registration Fees
1.00			residual funds in PayPal account
	5		Bank charge (02 Nov)
	233.03		IGG F-2-F & IGG annual meeting expenses (P Rawlinson)

# FUTURE OF IGG



- Broader role representing industry?
- IGG currently holds an annual meeting with a single F2F committee meeting
- Can we do more?
  - Publications and position papers
  - Data Workshops (in addition to/instead of the annual meeting?) call for interesting data sets.
  - Standalone webinars, working on AI themed session later in 2023.
  - Training – Start with MN test, In person or virtual, Planning for 2024
  - Are F2F niche meetings going to be quieter post covid? more collaboration between SIG's
  - Plan for bigger meeting every 2 years, use member group resources to build funds.



## THE RICHARD WILLIAMS MEMORIAL AWARD 2023

### ANNUAL MEETING 2023



9:30 – 16:00  
28<sup>th</sup> November 2023  
**LHASA LIMITED, LEEDS, UK**

DATA WORKSHOP | NITROSAMINES |  
RELEVANT INDUSTRY PRESENTATIONS |  
RICHARD WILLIAMS AWARD | NETWORKING  
OPPORTUNITIES

 **Registration opens soon**  
UKEMS members and students: £50  
Standard: £70

 Join our mailing list:  
[info@theigg.co.uk](mailto:info@theigg.co.uk)  Visit our website:  
[www.theigg.co.uk](http://www.theigg.co.uk)  @IGG\_UK 

The IGG committee will select entries to give a short presentation at the next IGG meeting held on 28<sup>th</sup> November 2023 at Lhasa Limited, Leeds.

**The winner is voted for at this meeting!**



# THANKS TO...



- Sponsors



- **UKEMS** for financial support **LHASA** RW award



- **IGG Committee** for hard work and persistence.



Molecular Epidemiology Group UK

ukems  
United Kingdom Environmental M

## 6. MEG CHAIRPERSON'S REPORT

HANNAH ELLIOTT

# Current Committee

Name	Institution	Role	Term
Hannah Elliott	University of Bristol	Chair	2 <sup>nd</sup> term -2025
Rachel Lawrence	Queen Mary University London	Treasurer	1 <sup>st</sup> term - 2025
Jonine Figueroa	Edinburgh University	Treasurer	2 <sup>nd</sup> term -2023
Robert Hillary	Edinburgh University	Secretary	1 <sup>st</sup> term – 2025
Natassia Robinson	Karolinska Institutet	member	1 <sup>st</sup> term -2024
Robert Young	Edinburgh University	member	1 <sup>st</sup> term – 2025
Sabine Langie	Maastricht University	member	Left Jan 2023

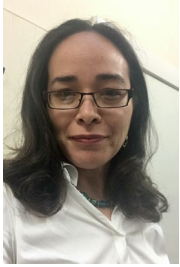
Sabine has left the committee after serving 2 terms.

Jonine is also leaving this summer.

*We would like to thank Sabine and Jonine for their effort and commitment over a very significant amount of time.*

Rachel has taken over from Jonine as Treasurer

We are currently recruiting members to bring our committee numbers back to 8.



# We are looking for new committee members!



Please have a look at our website for further info and send us a short CV!



[www.meg-uk.org/join-meg-committee](http://www.meg-uk.org/join-meg-committee)



# 2022 Conference report - Contents



MEG-UK Annual Meeting 2022

*Pathways to improving population health: bringing together industry, academia, patients and policymakers*



## Programme

09.30-10.30	Registration, poster mounting and viewing	
10.30-12.15	Session One	chair: <i>Natassia Robinson</i>
10.30	<b>Opening Remarks</b>	
10.45	<b>Invited Speaker:</b> The patient voice in cancer research. Amanda McCann, Chair of the UCD Patient Voice in Cancer Research (PVCR) committee, University College Dublin	
11.15	<b>Selected abstract:</b> Using human genetics to evaluate the causal role of circulating inflammatory markers in risk of adult cancer. James Yarmolinsky, MRC Integrative Epidemiology Unit, University of Bristol	
11.30	<b>Selected abstract:</b> Measuring DNA damage in circulating blood cells as a potential biomarker for oesophageal adenocarcinoma. Rachel Lawrence Bart's Cancer Institute, Queen Mary University	
11.45	<b>Selected abstract:</b> The effect of weight-loss on the colorectal transcriptome and its relation to colorectal cancer risk. Emma Hazelwood, University of Bristol	
12.00	<b>Selected abstracts:</b> population cohorts of interest (Generation Scotland; The UK Longitudinal Linkage Collaboration: a trusted research environment for the longitudinal research community; Born in Scotland in the 2020s Pilot Study) Archie Campbell, Robin Flaig, and Rebecca Reynolds, University of Edinburgh	
12.30-13.00	Lunch, John McIntyre Conference Centre Restaurant	
13.00-13.30	Poster Viewing	
13.15-14.30	Session Two	chair: <i>Robert Young</i>
13.15	<b>Invited Speaker:</b> The BHF Data Science Centre @ Health Data Research UK: how we can help you with population-based research. Cathie Sudlow, Director of the British Heart Foundation Data Science Centre, University of Edinburgh	
14.00	<b>Selected abstract:</b> Long-term metabolomic effects of bariatric surgery. Madeleine L. Smith, University of Bristol	
14.15	<b>Selected abstract:</b> Augmenting clinical risk prediction of cardiovascular disease through protein and epigenetic biomarkers. Aleksandra D Chybowska, Institute of Genetics and Cancer, University of Edinburgh	
14.30-15.00	Coffee and Poster viewing	
15.00-15.45	Session Three	chair: <i>Jonine Figueroa</i>
15.00	<b>Invited Speaker:</b> Our Future Health: a new UK-wide health research programme. Michael Cook, Executive Director of Epidemiology, Our Future Health	
15.30	<b>Selected abstract:</b> Phenome-wide association study of genetically determined B vitamins and homocysteine biomarkers with multiple health and disease outcomes: Analysis of the UK Biobank. Lijuan Wang, University of Edinburgh	
15.45	<b>Selected abstract:</b> Using PathWAS associated with proteomics to predict pathway function and relationships with complex traits. Sebastian May Wilson, University of Edinburgh	
16.00-16.15	Prizes and Closing Remarks	

## Pathways to improving population health: bringing together industry, academia, patients and policymakers

**Professor Cathie Sudlow:** Director of the British Heart Foundation Data Science Centre, University of Edinburgh

**Dr. Michael Cook:** Executive Director of Epidemiology Our Future Health <https://ourfuturehealth.org.uk/> an ambition programme to develop a 5 million cohort with data being shared with participants

**Professor Amanda McCann:** Principal Investigator and Senior Conway Fellow in the UCD Conway Institute of Biomolecular and Biomedical Research in University College Dublin (UCD), Ireland. Chair of the UCD Patient Voice in Cancer Research (PVCR) committee.



# 2022 Conference report

13 bursary recipients  
2 poster presenter (\*) and  
1 oral presentation (\*\*)  
winners.

## Purpose

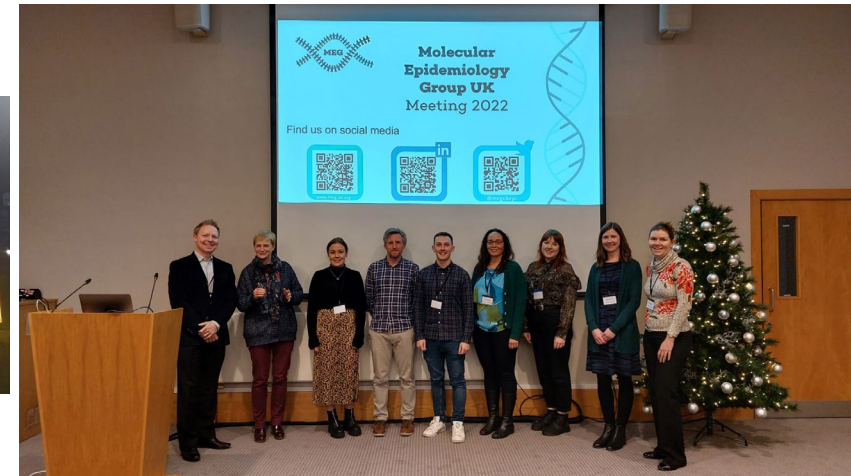
Increase networking and opportunities for molecular epidemiology research

## Attendance

46 attendees (similar to previous meetings)

Most attendees from Edinburgh (52%) and Bristol (20%)

First name	Last name	Affiliation
Aleksandra	Chybowska	U Edinburgh
Andrei-Emil	Constantinescu	U Bristol
Daisy	Crick*	U Bristol
Lucy	Goudswaard	U Bristol
Emma	Hazelwood	U Bristol
Zhe	Huang	U Edinburgh
Olivier	Labayle	U Edinburgh
Ines	Mesa-Eguiagaray	U Edinburgh
Julian	Mutz	KCL
Aristeidis	Sionakidis	U Edinburgh
Madeleine	Smith**	U Bristol
Paul	Timmers*	U Edinburgh



# MEG current financial position June 23

<b>Expenditure</b>	Amount	Total
Bursaries (13 students/PDRA) + 3*£50 for poster and oral awards	-£1020.00	
Committee meeting travel (x4)	-£556.02	
Speaker travel (x2)	-£407.71	
Edinburgh First events services	-£3673.46	
		-£5657.19
<b>Income</b>		
Meeting ticket sales	£1612.38	
UKEMS cover of bursaries and awards	£1020.00	
Account interest	£29.89	
		£2662.27

MEG account balance at June 2023 = £12,265.92

Payments pending from conference = £3673.46

**Balance estimate = £8592.46**

# Planned activity in 2023

- **MEG SIG session at UKEMS annual meeting**
- **Discussing what else we might plan to do e.g. methods workshops as online events**
- **MEG annual meeting**

Friday 3<sup>rd</sup> November 2023 : Data Diversity



**thinktank**  
Birmingham science museum

# Social Media

We are continuing to grow our social media content and develop our website.  
Our Twitter followers have increased 2.6 fold in the last 12 months  
We launched a LinkedIn profile in March



MEG-UK



@megukepi



Thank You!

Thank you to UKEMS for your ongoing support

UKEMS COMMITTEE /  
AGM UPDATE 2023



# 7. NGS SIG

# NGS SIG COMMITTEE

- Anthony Lynch (acting chair)
- Robert Smith (acting secretary)
- Anne Ashford (acting treasurer)

Members: David Phillips, Gareth Jenkins, Simon Reed, Darren Kidd and Jo Elloway

ecNGS on UKEMS Website: <https://www.ukems.org.uk/ecngs/>

- SIG membership (free)
- Alternatively contact UKEMS secretary ([robert.p.smith@labcorp.com](mailto:robert.p.smith@labcorp.com))

Linked-In (Managers: Darren Kidd, Ant Lynch, Anne Ashford)

<https://www.linkedin.com/groups/12826905/>

49 members



United Kingdom Environmental Mutagen Society

## Join the new Error Corrected Next Generation Sequencing (ecNGS) Special Interest Group (SIG)

👤 Post by: Admin 📅 January 9, 2023 🗨️ Comments off

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Find further information about the new ecNGS SIG [here](#).

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### Register interest in the ecNGS SIG

Provide your name and contact details below to register your interest in the Error Corrected Next Generation Sequencing (ecNGS) Special Interest Group (SIG). Please contact [info@ukems.org.uk](mailto:info@ukems.org.uk) if you have any questions.



# NGS SIG ACHIEVEMENTS 2023

- HESI GTTC Commentary published in Nature Reviews Drug Discovery (Jan 2023)
  - **“Error-corrected next-generation sequencing to advance nonclinical genotoxicity and carcinogenicity testing”**
  - <https://doi.org/10.1038/d41573-023-00014-y>
- UKEMS Next Generation Sequencing special interest group (NGS SIG) publicised via UKEMS website & Mutagenesis (May 2023)
  - **“Announcing the UKEMS Next Generation Sequencing special interest group (NGS SIG)”**
  - <https://doi.org/10.1093/mutage/gead009>
- EEMGS 2023 NGS symposium, Malaga, Spain (June 2023)
  - Jiri Zavadil (IARC, FRANCE), Clint Valentine (Twinstrand Bio, USA), Patrick van Eijk (Cardiff University, UK) and Anthony Lynch (GSK & Swansea University, UK)
  - Formation of UKEMS NGS SIG announced (and Linked-In page set up: <https://www.linkedin.com/groups/12826905/>)
- UKEMS sponsored meeting report published on Next Generation Sequencing Workshop at the Royal Society of Medicine (London, May 2022) in Mutagenesis (June 2023)
  - **“How genomics is on the path to modernizing Genetic Toxicology”**
  - <https://doi.org/10.1093/mutage/gead012>
- HESI GTTC ecNGS position paper submitted for publication in Mutation Research Reviews (MUTREV-D-23-00012)
  - **“Error-corrected Next Generation Sequencing – Promises and Challenges for Genotoxicity & Cancer Risk Assessment”**
  - Reviewer comments addressed and revised manuscript re-submitted. Awaiting editorial decision.
- UKEMS 2023 (Clontarf Castle, Dublin). NGS SIG symposium scheduled for Wednesday 5<sup>th</sup> July 2023
  - Clint Valentine - Demystifying error-corrected NGS for mutagenesis assessment in vitro and in vivo
  - Anne Ashford - Exploring the mutation profile of low-dose NDMA treatment in a MutaMouse TGR study using error-corrected NGS
  - Patricia Escobar – ecNGS and cancer driver mutations
  - Michael Korenjak - Mutational signatures associated with human carcinogens



# FUTURE ACTIVITY

- HESI ecNGS group to establish a small team to help develop a detailed position on use of ecNGS to support an OECD guidance document (draft already prepared). Team will work with the USA national coordinator; SPSF is planned for November.
- Discussion @ IWGT to establish a team to work on a guidance document on how to use ecNGS for mutation analysis.
- Potential for UKEMS supported Workshop in 2024 (NGS SIG and IGG?) focused on these activities...
- NGS SIG official elections, website, etc. – maybe extend into EEMGS?

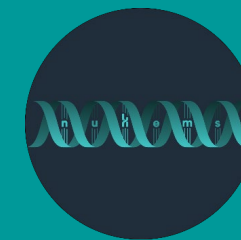


## 8. NUKEMS CHAIRPERSON'S REPORT

FIONA CHAPMAN

The NUKEMS logo is displayed in white on a teal background. It consists of the letters 'n', 'u', 'k', 'e', 'm', and 's' in a lowercase, sans-serif font. The 'k' is stylized with a vertical bar to its left, and the 'e' has a vertical bar to its left. The 'm' and 's' are also stylized with vertical bars to their left.

# NUKEMS COMMITTEE



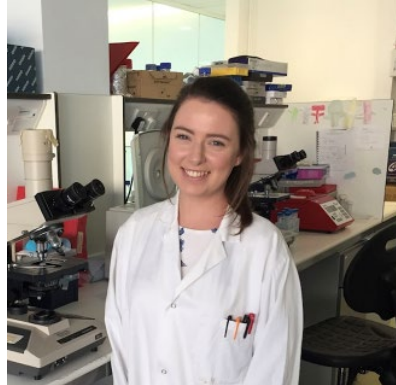
- Unfortunately, due to other commitments, Alan Dawson (Secretary), Bethan Rogoyski (Vice Chair) and Harshini Asurappulige (Ordinary member) have stood down from the committee – NUKEMS would like to thank them for their time and contributions
- Current Chair (Fiona) will be rotating out of the role this month but will stay on to support the committee for 1 year
- We are recruiting!

Name	Company/ institution	Career stage	Role
Fiona Chapman	Imperial Brands	Senior Regulatory Science Writer	Chair – rotating off July 2023
Demi Pritchard	Swansea University	PhD candidate/ Research Officer	Social Media
Linda Reilly	Swansea University/ AstraZeneca	PhD candidate	Social Media
Rebekah Beck	AstraZeneca	Senior Scientist	Ordinary member
Danielle Harte	GSK	Senior Scientist	Ordinary member
Natasha Irani	Imperial College London/ AstraZeneca	PhD candidate	Ordinary member
Rachael Chidugu-Ogborigbo	University of the West of England	Senior Lecturer	Ordinary member
Vacant	-	-	Vice Chair
Vacant	-	-	Secretary

# NUKEMS COMMITTEE



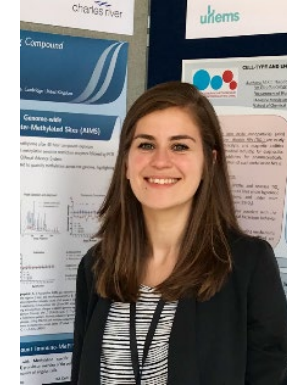
Fiona Chapman  
*Chair*



Demi Pritchard  
*Memberships/ Social media*



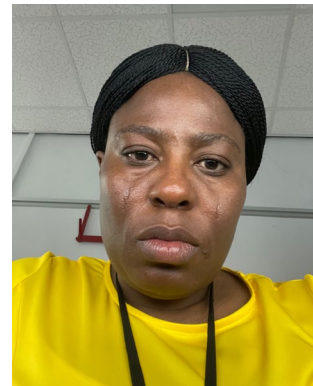
Linda Reilly  
*Social media*



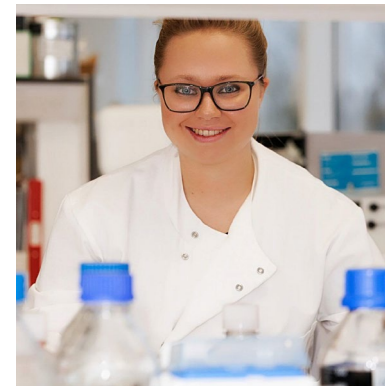
Rebekah Beck



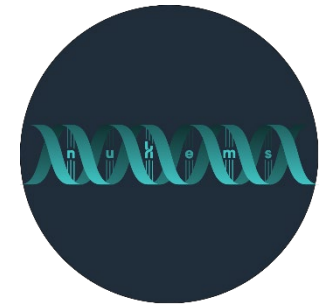
Natasha Irani



Rachael Chidugu-Ogborigbo



Danielle Harte



Twitter: @NIUKEMS  
LinkedIn: NI UKEMS  
Instagram: niukems





**New Investigators**  
United Kingdom Environmental Mutagen Society

**JOIN THE  
NUKEMS  
COMMITTEE!**

Are you  
looking to  
gain skills  
and boost  
your CV?

**Deadline: 31<sup>st</sup> of  
July**

**Apply today!**  
[nukems@ukems.org.uk](mailto:nukems@ukems.org.uk)

Are you a  
New  
Investigator  
within  
UKEMS?

Send us a  
short  
statement  
of interest  
and your  
work

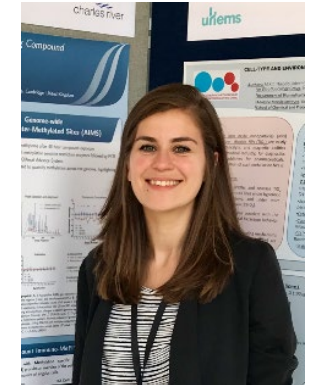
# NUKEMS UPDATES

## *NUKEMS sessions at UKEMS 2022*

- Dr Ruth Morse (UWE) - session on scientific writing for our Sunday development session
- Career discussion with inspiring scientist – UKEMS Young Scientist 2022 prize winner, Dr Helena Reinardy (SAMS)
- Dr Eleanor Wilde Memorial Award session – winner: Dr Rebekah Beck (AZ) (Early Career Scientists Session – Monday 3<sup>rd</sup> July 2023, 14:15)

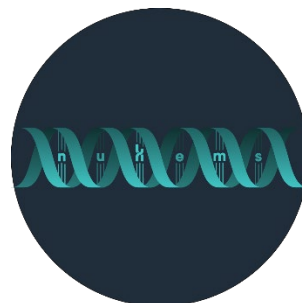
## *Social media*

- Follow us!
- **Twitter:** @NIUKEMS
- **LinkedIn:** NI UKEMS
- **Instagram:** niukems



## *Review of the NUKEMS constitution*

- Updated to ensure committee member contributions
- Updates to reflect newer committee scope (e.g., Dr Eleanor Wilde Memorial Award conditions)
- Past Chair position created





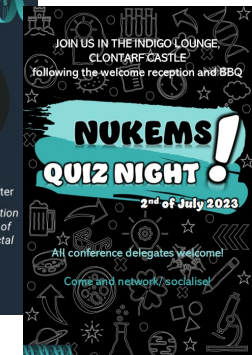
# NUKEMS @ UKEMS 2023

- Dr Eleanor Wilde Memorial Award session (Sunday)
  - Layperson summary + scientific presentation of candidates' work
  - Guest judges – Ellie's family
  - Prizes: £1200 towards an international conference of choice, talk at next UKEMS conference, medal
- NUKEMS Pub Quiz (Sunday)
- Early Career Scientists session (Monday)
  - Five exciting talks from New Investigators (NI)
  - All NI presenters in with the chance of winning the UKEMS Oral Presentation Prize
- Development session (Tuesday)
  - Panel discussion: *Creating and taking opportunities to build your career*
- Opportunity for NIs to win 'most interaction' prize!



**NUKEMS Dr Eleanor Wilde Memorial Award**  
Sunday 2<sup>nd</sup> July 14:45 – 16:05

 <b>Catherine Shelton</b> University of Leicester <i>Repurposing Niclosamide for the Prevention of Mesothelioma</i>	 <b>Angela Saccardo</b> University of Swansea <i>Genotoxicity testing of multicomponent nanomaterials and their potential for inflammasome activation</i>	 <b>Kathryn Munn</b> University of Swansea <i>Evaluating micronucleus frequency of circulating lymphocytes as a potential biomarker for oesophageal adenocarcinoma</i>	 <b>Caleb Green</b> University of Leicester <i>The role of inflammation in the development of BRAF-driven colorectal cancer</i>
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JOIN US IN THE INDIGO LOUNGE  
CLONTARF CASTLE  
Following the welcome reception and BBQ

## NUKEMS QUIZ NIGHT!

2<sup>nd</sup> of July 2023

All conference delegates welcome!  
Come and network/socialise!



**NUKEMS Panel Discussion:**  
*Creating and taking opportunities to build your career*

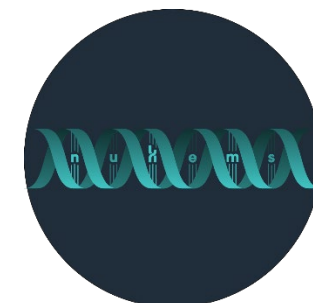
Join us\* 11:30-12:30, Tuesday 4<sup>th</sup> July at UKEMS, Dublin to learn more from our panel of esteemed scientists

 <b>Prof Anthony Lynch</b> Senior Director Genetic Toxicology and Photosafety, GSK Research & Development	 <b>Dr Hannah Elliot</b> Research Fellow MRC Integrative Epidemiology Unit, University of Bristol	 <b>Dr Matt Tate</b> CEO Gentronix Ltd.	 <b>Dr Michael Korenjak</b> Scientist Epigenomics and Mechanisms Branch, IARC
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Bring your questions along or pre-submit by direct messaging our social media: Twitter @NIUKEMS  
LinkedIn NI UKEMS  
Instagram niukems

Tag us at the conference: #ukems #ukemsdublin2023 #nukems #niukems

\*UKEMS Conference Bursary recipients are required to attend this personal development session, but all conference delegates interested are welcome to join!



## 9. Election of New Committee Members

- Mike Routledge announced that Ann Doherty had been elected as UKEMS Vice President
- Steve Dean and Karin Burnett had rotated off the committee as Ordinary Members. Karen Brown had rotated off the committee as Past President. Mike expressed his gratitude to Steve and Karin for their work as ordinary members and Karen for her six years on the committee.
- Two new Ordinary Members were welcomed to the committee; Helena Reinardy and Fiona Chapman.

## 10. UKEMS Awards

- Mike announced Julie Clements as the recipient of the 2023 Jim Parry Award.
- Request for nominations for Young Scientist 2024 and UKEMS Fellows was made. Members can contact the UKEMS Secretary with nominations.

## 11. UKEMS Conference 2024

- Mike announced that the 2024 UKEMS conference would take place at the University of Bath, 7<sup>th</sup> – 10<sup>th</sup> July 2024.
- Mike noted that the committee would welcome organisers for future UKEMS conferences and asked members to contact the committee if interested in hosting a UKEMS conference.

## AOB

- Nothing was raised.