

**BOWMAN Club Programme Friday 25th March 2022**

Lecture Theatre - Old Divinity School

09:00 - 09:10	Introductions and welcome	<b>Madhavan Rajan</b> Cambridge
<b>09:10 - 10:00</b>	<b>Corneal Fellow Presentations - BOWMAN prize 2022</b> Co-Chairs: <b>John Sharp</b> , Cambridge & <b>Kirithika Muthusamy</b> , London	
09:10 - 09:20	Conjunctival genetic 'fingerprinting' in ocular mucous membrane pemphigoid	<b>Jesse Panthagani</b> Birmingham
09:20 - 09:30	Long-term outcomes of rebubbling and graft detachment in Descemet membrane endothelial keratoplasty using a standardised protocol	<b>Lana Fu</b> London
09:30 - 09:40	Personalised model to predict keratoconus progression from demographic, topographic and genetic data	<b>Olivia Li</b> London
09:40 - 09:50	Descemet membrane endothelial keratoplasty patching (DMEP) - selective endothelial replacement in eyes with localised endothelial dysfunction	<b>Luis García-Onrubia</b> London
09:50 - 10:00	Discussion	
<b>10:00 - 10:45</b>	<b>Corneal infection</b> Chair: <b>Frank Larkin</b> , London	
10:00 - 10:15	Antimicrobial resistance - Should we be worried?	<b>Stephen Tuft</b> London
10:15 - 10:30	iCAM array - A one stop diagnostic test for all microbes	<b>Martin Curran</b> Cambridge
10:30 - 10:45	Non-antibiotic treatment of microbial keratitis	<b>Stephen Kaye</b> Liverpool
<b>10:45 - 11:15</b>	Coffee & Tea Break - HALL St John's College with BAOP	

**JOINT MEETING - BAOP & BOWMAN Club**

Lecture Theatre - Old Divinity School

<b>11:15 - 13:00</b>	<b>Joint meeting - BAOP &amp; BOWMAN Club</b>	
	Co-Chairs: <b>Dominic G O'Donovan</b> , Cambridge & <b>Madhavan Rajan</b> , Cambridge	
<b>11:15 - 11:30</b>	<b>Pathological correlation of severe corneal diseases</b>	
	Rituximab for severe Mooren's ulcer <i>Case presentations and discussion</i>	<b>Erika Damato</b> , Cambridge <b>Dominic O'Donovan</b> , Cambridge <b>Mayen Briggs</b> , Cambridge <b>Madhavan Rajan</b> , Cambridge
<b>11:30 - 12:00</b>	<b>Pathology &amp; genetics of corneal dystrophies</b>	
	Dr <b>Caroline Thaug</b> , FRCOphth FRCPATH DPhil Consultant Ophthalmic Pathologist, Moorfields Hospital & University College London (UCL), London, UK	
<b>12:00 - 13:00</b>	<b>Professor David Easty Annual Lecture: SARS-CoV-2 and the eye</b>	
	Professor <b>James Chodosh</b> , MD MPH Edith Ives Cogan Professor of Ophthalmology, Harvard Medical School, Boston, USA	
<b>13:00 - 14:00</b>	Lunch - HALL St John's College with BAOP	

**BOWMAN Club Programme Friday 25th March 2022, continued**

Lecture Theatre - Old Divinity School

<b>14:00 - 15:18</b>	<b>Surgical cornea</b>	
	Co-Chairs: <b>Emma Hollick</b> , London & <b>Tom Poole</b> , Frimley	
14:00 - 14:13	Femtosecond enabled keratoplasty techniques for keratoplasty	<b>Hatch Mukherjee</b> Colchester
14:13 - 14:26	Preloaded Descemet membrane endothelial keratoplasty grafts with endothelium outward	<b>Vito Romano</b> Liverpool
14:26 - 14:39	Our experience of DMEK wet lab-training course as a precursor to starting DMEK service at NHS Trusts during COVID-19 pandemic in UK	<b>Tina Khanam</b> London
14:39 - 14:52	Corneal neurotisation using the greater auricular nerve: a novel solution for congenital trigeminal anaesthesia	<b>Nicola Lau</b> London
14:52 - 15:05	Subconjunctival silicone oil - Presentation, histology and surgical management	<b>Melanie Corbett</b> London
15:05 - 15:30	NHS Blood and Transplant (NHSBT) - An update to all corneal surgeons	<b>Jeremy Prydal</b> Leicester, <b>Cathy Hopkinson &amp; Shaminie Shanmugaranjan</b> , Bristol
<b>15:30 - 16:00</b>	Coffee & Tea Break - HALL St John's College	

<b>16:00 - 16:30</b>	<b>Boston K-pro TYPE 1 - clinical experience and an update</b>	<b>James Chodosh</b> Boston, USA
<b>16:30 - 17:09</b>	<b>Corneal research</b> Chair: <a href="#">Stephen Kaye, Liverpool</a>	
16:30 - 15:43	Keratoconus in the young - KERALINK study results	<b>Frank Larkin</b> London
16:43 - 16:56	Gut microbiota dysbiosis as a driver of inflammation in ocular mucous membrane pemphigoid	<b>Saaeha Rauz</b> Birmingham
16:56 - 17:09	Topical insulin in the management of persistent corneal epithelial defects	<b>Sajjad Ahmad</b> London
<b>17:09 - close</b>	<b>Announcement of the BOWMAN prize and BOWMAN Club Member discussion</b>	

**19:00 for 19:30:** BOWMAN Club Gala Dinner accompanied by music from the Cambridge Rose Quartet: Gonville and Caius College, Cambridge

*Drinks Reception from 19:00, sit-down to Dinner 19:30.*

### BOWMAN Club 2022 Posters

No.	Poster	Poster presenter
<b>1</b>	A case of Descemet's membrane detachment following penetrating keratoplasty for keratoconus	<b>Nadeem Ahmad</b> Bradford
<b>2</b>	Trans-epithelial phototherapeutic keratectomy (PTK) for recurrent corneal erosion syndrome (RCES)	<b>Mukhtar Bizrah</b> London
<b>3</b>	Descemet stripping endothelial keratoplasty versus Descemet membrane endothelial keratoplasty: 5-year graft survival and endothelial cell loss in patients with Fuchs' endothelial dystrophy	<b>Lana Fu</b> London
<b>4</b>	Utilising endothelial migration to perform deep anterior lamellar keratoplasty in eyes with deep posterior corneal scarring typically treated with penetrating keratoplasty	<b>Luis Garcia-Onrubia</b> London
<b>5</b>	Predicting ablation spherical equivalent of prior LASIK treatment from corneal pachymetry map	<b>Arthur Hammer</b> London
<b>6</b>	Cornea guttata in transplanted donor tissue, is there a need of improvement in the eye bank screening?	<b>Arthur Hammer</b> London
<b>7</b>	Impact of fluoroquinolones and aminoglycosides on <i>P. aeruginosa</i> virulence factor production and cytotoxicity	<b>Stephen Kaye</b> Liverpool
<b>8</b>	Transepithelial PTK / limited non topoigraphic PRK combined with corneal crosslinking for keratoconus	<b>Hatch Mukherjee</b> Colchester
<b>9</b>	Galilei topography vs Anterior topography. Same patient, different results?	<b>Mustafa Yusuf</b> Halifax