



Queen Mary

University of London



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Barts and The London

William Harvey Research Institute Staff Open Meeting

27 February 2019

WHRI Open Meeting 28 Feb 2018



WHRI Open Meeting 27 Feb 2019



Professor Gustav Born

29 July 1921 – 16 April 2018



Professor Marta Korbonits delivers inaugural Lady Estelle Wolfson Lecture at the RCP



Professor Chris Thiemmerman receives the prestigious Albert Nelson Marquis Lifetime Achievement Award



Professor Panos Deloukas elected as Fellow of The Academy of Medical Sciences



Professor Federica Marelli-Berg placed in the BHF's top 10 inspirational women in science list



Professor Morris Brown received the ISH Tigerstedt Lifetime Achievement Award and Professor Mark Caulfield received the Franz Volhard Award Lectureship for Outstanding Research

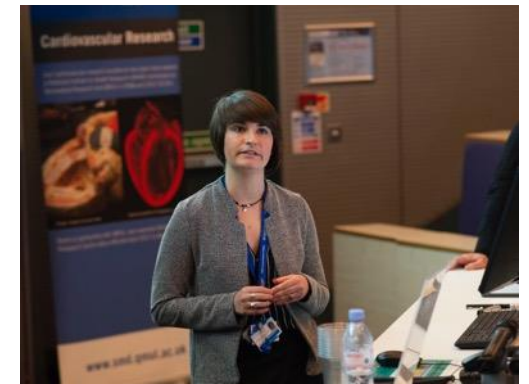


Professor Maralyn Druce wins the QMUL President and Principal's Excellence Prize for Excellence in Endocrinology Education

WHRI welcomes young scientists to the bi-annual Work Experience Programme at Charterhouse Square



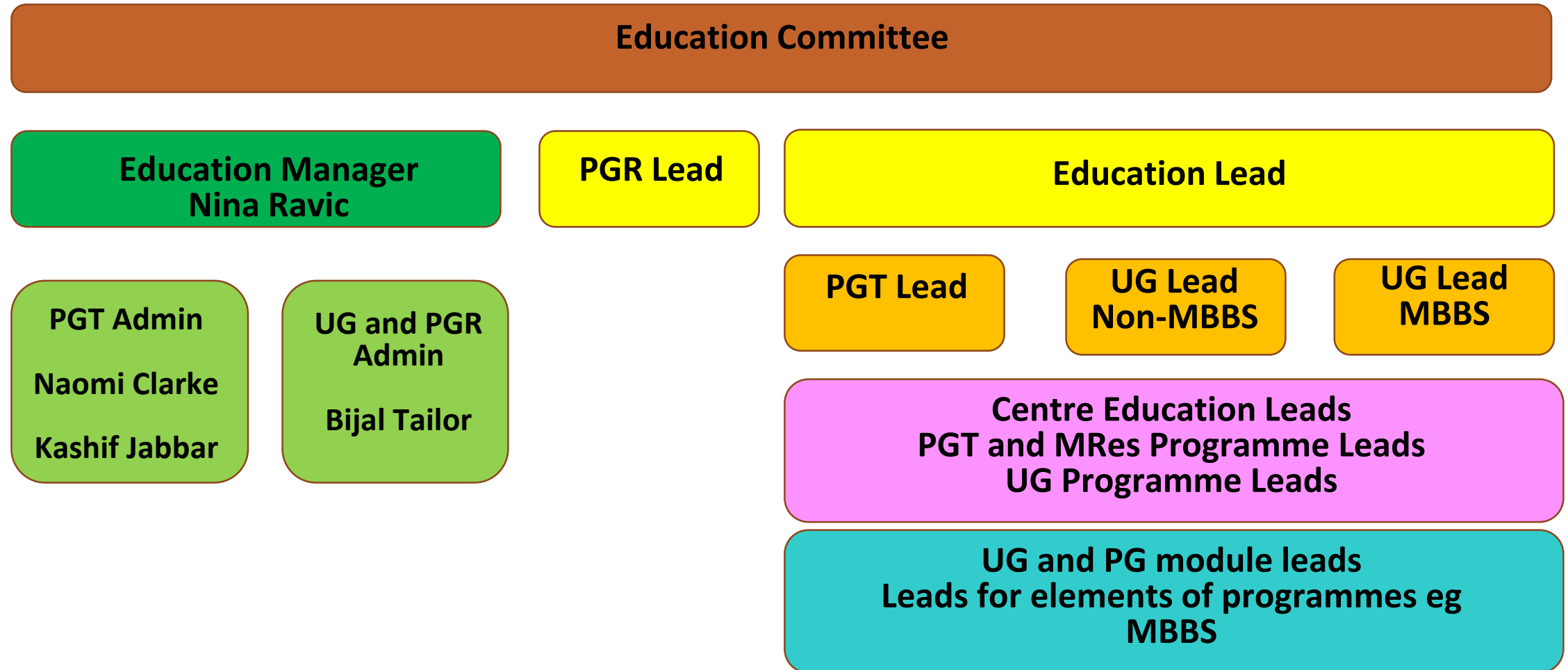
WHRI PhD Symposium 2019



WHRI Key Metrics

- Education: update and future
- New academic staff
- REF 2021
- Research Themes: Success highlights, future strategy
- Centre highlights
- Key core facility updates
 - Labarchives
 - CVCTU
 - BSU
 - Cryopreservation facility
 - Lipid Mediator Unit
 - Imaging: Confocal, 2-photon
 - Flow cytometry-Antal Rot
- JVSC/Heart Centre Renovation plans
- Health & Safety

Education Structures in WHRI



Current Education Roles in WHRI

Education Lead – Maralyn Druce (role now advertised)
Deputy Lead – Peter King
Director of Academic Development – Dr Martin Carrier
PGR Lead – Paul Chapple
PGT Lead – Maralyn Druce (role now advertised)
UG Lead (non MBBS) – (role recently advertised)
UG Lead (MBBS) – Patricia McGettigan

For education information and resources including the staff education handbook please go to:

<https://www.qmul.ac.uk/whri/whri-intranet/>

Centre Education Leads

Microvascular Research	Dr James Whiteford
Clinical Pharmacology	Professor Patsy Munroe
Biochemical Pharmacology	Dr Sadani Cooray
Endocrinology	Dr Peter King
Translational Medicine and Therapeutics	Dr Egle Solito
Experimental Medicine and Rheumatology	Dr Frances Humby
Incorporates SEM	Dr Dylan Morrisey (for SEM)
Advanced Cardiac Imaging Centre	Dr Francesca Pugliese

WHRI UG MBBS Contribution

- **WHRI contribution to MBBS includes:**
 - SSC's (lead Nimesh Patel)
 - PBL (lead Peter King)
 - OSCE (lead Frances Humby)
 - Prescribing course
 - BMedSci (Molecular Therapeutics and Molecular Medicine) BSc (Sports & Exercise Medicine)
- **WHRI staff in key MBBS leadership roles include:**
 - Admissions – Martin Carrier
 - Assessment - Nimesh Patel
 - Student support – Nick Goulding, Martin Carrier
 - Governance - Maralyn Druce
 - GEP – Martin Carrier (recently handed over)

WHRI UG SBCS Contribution

Contribution to SBCS Modules

- Infection, Immunology and Inflammation
- Essential Biochemistry for Human Life
- Project skills in the life sciences
- **2018: Increased contribution to Molecular Genetics, Chromosomes and Gene Function, Basic Immunology, Essential Skills for Biomedical Sciences, Endocrinology Physiology & Biochemistry, project skills, including new module leadership responsibilities**
- Year 3 Biomedical Sciences option modules
- Receptor and mechanisms of cell signalling
- Clinical Trials and Regulatory Affairs
- Clinical Pharmacology
- Genetics

UG BSc Programme

- Pharmacology and Innovative Therapeutics
- Increasing applications and increasing numbers
- With and without year of study abroad
- Employability prospects
- Option as intercalated BSc

Income from SBCS: Contributions to modules

2015/16: £316,716

2016/17: £844,000

2017/18: **over 1.3M**

Graduation joy for first cohort of Pharmacology students



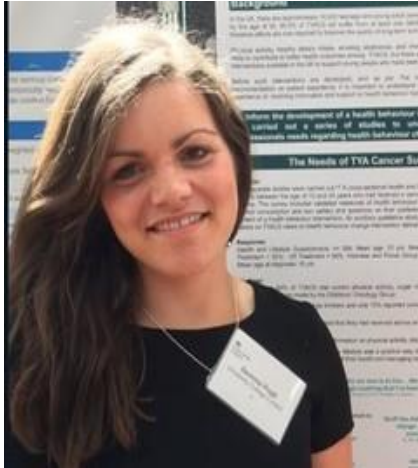
WHRI PGT Programmes

PGT enrolment 2018/19: 220 new students

Income: **over 2M**

- We were successful at the tender organised by HEE and secured further 5 years of funding for MSc Genomic Medicine (Panos Deloukas)
- Distance learning version of MSc in Critical Care is in the final stages of approval (programme already advertised on line) (Rupert Pearse)
- Nutrigenetics programme in the process of approval (Stavroula Kanoni)
- Development of collaboration with Hong Kong (provision of MSc training for their staff)
- Intercalated BSc in Pharmacology and Innovative Therapeutics has got the part I approval (Sadani Cooray)
- Double award QMUL/IMU (Genomics programme/ Molecular Medicine Indonesia) has been approved (Panos Deloukas)

New academic staff



Dr Gemma Pugh
Lecturer
Sports & Exercise
Medicine



Dr Loukas
Moutsianas
Senior Lecturer
Genomics England



Dr Shafaq Sikandar
Lecturer
Experimental Medicine &
Rheumatology

New academic staff



Prof Phil Eaton
Professor
Cardiovascular
Biochemistry



Dr Matthew Traylor
Lecturer
Clinical
Pharmacology



Dr Zudin Puthuchery
Senior Clinical Lecturer
Translational Medicine
and Therapeutics

WHRI-2017-18 Key metrics

WHRI now numbers 628 Researchers/teachers, staff(342), PGR students (136) and Honoraries (150). An increase on the total of 610 in 2016/17

WHRI overall income

2015-16: £33.1 million, 2016-17: £34.9 million, 2017-18: £38.9 million

Education

The WHRI overall income from tuition fees increased year on year

£3.8m in 2014-15

£4.8m in 2015-16

£6.2m in 2016-17

£7.8m in 2017-18

Research (Excl. OH)

£21,942,233 in 2014-15

£25,418,859 in 2015-16

£29,489,213 in 2016-17

£20,902,240 in 2017-18

REF 2021

- In REF 2014 QMUL and SMD did very well.
- QMUL was ranked 11th overall, and 9th if specialist institutions are removed.
- School of Medicine came 7th overall in UoA1
- REF 2021 change in emphasis with greater focus upon impact
 - Outputs 60%
 - Impact 25%
 - Environment 15%

REF 2021

- Category A eligible staff-substantive academic staff 0.2 FTE or greater
- 100% of eligible staff must be submitted (HESA)
- The census date is 31 July 2020. Eligible individuals will be independently verified with HESA
- Assessment period for outputs 1 January 2014 to 31 December 2020
- 2.5 papers per FTE
- ECRs-2 only if first academic post between 1 August 2016 and 31 July 2017 inclusive
- ECRs-1.5 only if first academic post between 1 August 2017 and 31 July 2018 inclusive
- ECRs-1 only if first academic post or after 1 August 2018
- A minimum of one output will be required for each member
- A maximum of five outputs may be attributed to individual members
- Only papers that are within the open access regulations can be returned

REF Dry Run 2019

	2008	2014	Dry Run 2018	Dry Run 2019
Faculty	30	46	62	71 (85)
No of Papers needed	120	143	155	204
No of Papers returned	120	143	197	238
% of papers 4*	20%	27%	40%	

Publication data will be extracted from Elements database. Therefore all publications must be claimed

Publications to be returned will be selected to give the best possible return for the Institute/QMUL

Impact leads
 WHRI Marta Korbonits, Cos Pitzalis
 SMD: Steph Taylor, Reetika Suri

REF 2021 Case studies/FTE		
Submission Min FTE	Submission Max FTE	Impact case studies
160.00		10, plus a further case study per additional 50 FTE
110.00	159.99	9
95.00	109.99	8
80.00	94.99	7
65.00	79.99	6
50.00	64.99	5
35.00	49.99	4
20.00	34.99	3
0.20	19.99	2

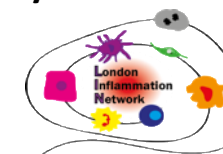
Date	No. developed	Assessors
Dec-16	15 impacts	WHRI
Feb-17	11 impacts	Impact Team
Apr-17	9 impacts	Impact Team
Jan-18	7 uploaded to elements	WHRI
Feb-18	4	External review

Cardiovascular Programme: With BHC, become the place to go for CV education, research and care

- **New 'WHRI Centre for Cardiovascular Medicine & Devices'** (Lead: Mathur)
- **QMUL/Yale/Barts CV Genomics & Devices Partnership** in advanced stage of development.
- **CV Devices Hub**-EU funds awarded-work to start shortly at the Robin Brooke Centre
- **BHF Accelerator Award: £1m (2019-2024)** Frederica Marelli-Berg (Lead) - Theme: Heart Inflammation
- **BHF MRes/PhD-5** excellent students to start in September 2019. Adrian Hobbs MRes co-ordinator

Dissemination / outreach

- Target molecules meeting with QMUL medicinal chemists - 6th March 2018
- London Inflammation Network - 21st September 2018
- CiTI symposium 2018 “The chronic inflammation path to cancer and obesity” – 16th November 2018
- Public engagement event: Arthritis in the CiTI – 1st of June 2018



Studentships

- Three studentships awarded to CiTI in 2018 – 5 currently running
- UCB PhD programme now in its 3rd year (£241k)

Collaborations / grants

- Centre for Osteoarthritis pathogenesis– £200k awarded by Versus Arthritis for 2 PhD studentships, equipment and technician (to be match funded by QMUL)
- Joint doctorate with Humanitas University, Milan – agreement established
- European joint doctorate programme grant application submitted (~€3.5m)
- Barts Charity programme grant application on inflammation in progress (~£1.2m)
- ONO pharmaceuticals – possibility for collaborations under discussion

Appointments

- Versus Arthritis CiTI Clinical Lectureship – Dr A Nerviani
 - NIHR Clinical Lectureship in Rheumatology – recruitment in progress
- } £1.1m (matched funding; to WHRI)

Publications

- Perretti and Norling – EBioMedicine, March 2018
- Rot and Nourshargh – Immunity, December 2018



Centre for Microvascular Research

Grants Awarded

- **Nourshargh:** Advanced Newton Fellowship (£110k)
BHF Project Grant (£240k)
BHF Accelerator Award (Deputy; £1m)
- **Suzuki:** BHF Project Grant (£280k)
- Company Collaboration Grants (£240k)
- **Lewis:** Barts Charity & WHRF (~£60k)
- **Voisin:** WHRF (~£10k)
- **De Rossi/Rolas:** QMUL Life Science Initiative

Girbl et al. 2018



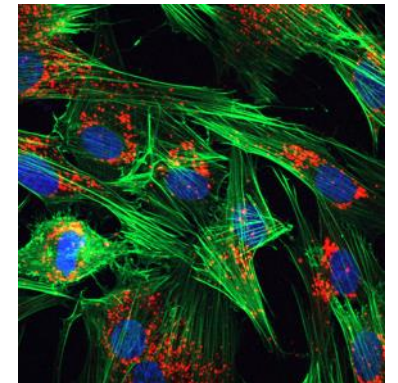
Presentation Prizes

Reglero (WHRI Research Meeting and UK Cell Adhesion Meeting), **Rolas** (UK Cell Adhesion Meeting), **Barkaway** (William Harvey New Year Celebration), **Joulia** (London Vascular Biology Forum), **Kobayashi** (William Harvey Day)

Papers Published

Immunity, Nat Med, Biochemistry, Biomaterials,
J Pathol x2, Aging Cell, Sci Rep, J Thromb Haemost, Brit J Pharmacol, Development,
J Leukoc Biol, Circ J

*Lewis. Life Science
Image Award*



Translational Medicine & Therapeutics

News

- Prof Adrian Hobbs appointed as Chair for new BSU User Group

Awards & Grants

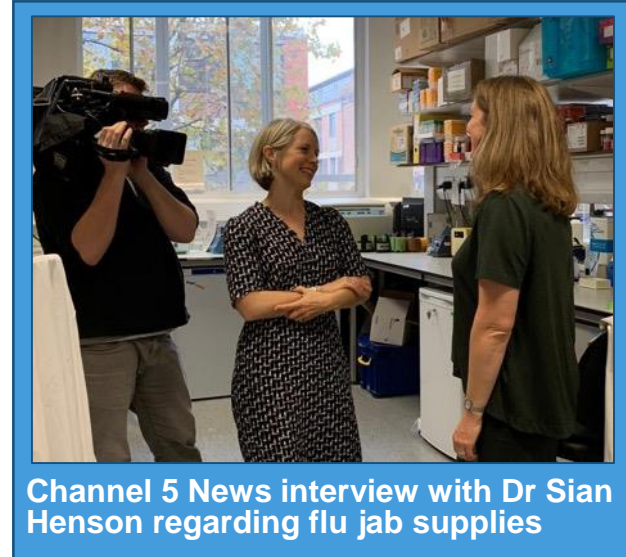
- CI: Yaqoob (McCafferty, Thiemermann, Kaplan) **AZ-Heroic Study** awarded Dec 2018 **£3.6 Million**
- Pearse & Prowle: **NIHR Programme** grant **£2.4m** to study shared decision making before major surgery
- PhD Studentship from British Journal of anaesthesia and The Royal College of Anaesthetists, awarded to Henson and Ackland, £93,111
- Marquis Who's Who Publications Board; Chris Thiemermann recipient of the Albert Nelson Marquis Lifetime Achievement Award
- Thiemermann, Yaqoob - 2 Barts-HCA Clinical PhD Studentships, £375K
- Sister Renal Unit Level B application by ISN: Kidney Foundation Hospital Dhaka, Bangladesh and Barts Medical School

Appointments & New Recruits

- Appointed by Royal Charter: Joint National Committee BNF
- Appointed Overseas PhD supervisor by National University of Kazakhstan
- Nikita Patel, PhD Student ♦ Mehmet Haberal, Visiting Professor ♦ Zudin Puthucheary, Clinical Senior Lecturer

Publications & Papers

- Pearse **Lancet** in press 2019, Andrikopoulos (Thiemermann/Yaqoob) **JASN**, 2018, Andrikopoulos (Yaqoob), **Cell Signal**, 2018, Bubb (Hobbs) **Circulation**, 2018; Baliga (Hobbs) **PNAS** 2018; Mitchell (Yaqoob) **Circ Res** 2018, Purvis (Thiemermann/Solito) **Diabetologica** 2018;



Biochemical Pharmacology

Public Engagement

- **Montero-Melendez:** article “*May Inflammation be with you!*” *Frontiers for Young Minds* (>6,460 visits!)
- **Norling :** OA Patient Research Showcase event Kennedy Institute.

Prizes

- **Montero-Melendez:** LSI Fellowship Seed Fund Award 2019

Education

- **Norling :** Fellowship of the Higher Education Academy

Networks

- Montero-Melendez/Norling/Perretti: Special Research Topic at *Frontiers on Resolution Pharmacology*
- Aksoy: Gilead Medical Affairs Advisory Programme (MAAP) meeting 9/11/2019. Expert scientist to join the scientific advisory panel meeting to gain insights into the current and rapidly evolving treatment landscape involving PI3K inhibitors for haematological malignancies and their clinical implications of new and forthcoming data in the field.

Grants

- **Marelli-Berg:** BHF Accelerator Award (£1M); , **Montero-Melendez/Perretti:** Industry collaborations: Palatin Technologies ~179K; SynAct Pharma ~61K.
- **Cooper:** Small project grant from Barts Charity £49,600., **Montero-Melendez/Perretti:** LIDo Studentship 2019, **Nissim:** Grant: Barts charity to establish antibody platform, **Norling** Barts Charity Large Project Grant ~230K/Norling/Perretti : QM beneficiaries of a new Marie Curie Doctoral Training Programme “Arthritis Heal “€3.3M QMUL Funds ~300K/ Norling/Cooper/Hulley: OA Centre of Pathogenesis PhD Studentship.

Papers

- **Marelli-Berg:** *Gastroenterology*, *Nat Comm.*, *J Leuk Biol.* (X2) *Cell Metab*, *Frontiers in Immunology*, in press,
Cooper: *Gastroenterology* (PMID: 30710527), **Montero-Melendez/Perretti:** *Frontiers in Pharmacology* (PMID:30154720), **Aksoy:** *Frontiers in Immunology*, *Cell reports* , **Nissim:** *Diabetes/Metabolism Research and Reviews*

Clinical Pharmacology

- **Damian Smedley:** Promoted to Reader and presentation at American Society of Human Genetics on the successful adoption of his Exomiser software by the 100,000 Genomes Project and NHS Genomics Medicine Service
- **Mel Lobo :** Lobo, Saxena: Radiance SOLO study presented as late Breaker at EuroPCR 2018 and simultaneously published in *Lancet* (Azizi, M., Schmieder, R. E., Mahfoud, F., Weber, M. A., Daemen, J., Davies, J., et al. (2018). Endovascular ultrasound renal denervation to treat hypertension (RADIANCE-HTN SOLO): a multicentre, international, single-blind, randomised, sham-controlled trial. *Lancet*, 391(10137), 2335–2345. [http://doi.org/10.1016/S0140-6736\(18\)31082-1](http://doi.org/10.1016/S0140-6736(18)31082-1)); Demonstrating efficacy and safety of endovascular ultrasound to treat hypertension in patients off medications
- **Morris Brown :** 3 potential items: Robert Tigerstedt ‘Lifetime Achievement’ award to MJB from the International Society of Hypertension; MRC Clinical Training Fellowship award to Dr Emily Goodchild, BTLC Clinical Fellow; *Lancet Endocrinology* publication ‘Endocrine and haemodynamic changes in resistant hypertension’
- **Amrita Ahluwalia:** Lorna Gee: Won both AHA international and abstract travel awards. Nitric Oxide Society conference BHF abstract travel award; Vikas Kapil: Won Barts Charity Grant £499K, First in Man UK Baroreflex Activation Registry (with Mel Lobo). Krishnaraj Rathod and Sascha Hamers: successfully defended their PhD thesis. Rayomand Khambata: Won a £500 Centre of Public engagement (CPE) community engagement grant. We successfully hosted another 60 work experience students over the year – 30 in the summer and 30 in October. There was also a news article written by the local Folkestone newspaper (see attached). We continue to receive well in excess of 100 applications for each event. The clinical trials, lab shadowing and lab practicals are the major highlights that students frequently comment on.
- **Clare Turnbull :** Lead for multicentre CRUK Catalyst in Cancer Susceptibility Genetics £4.3 million

Centre for Endocrinology

Prizes & Awards:

- **Alessandra Mancini** :Henning Andresen Prize for the best scientific abstract submitted to the 57th annual meeting of the European Society for Paediatric Endocrinology
- **Sayka Barry** - Society For Endocrinology Early Career Award
- **Angelica Gualtieri** - William Harvey Day Poster Prize £1000 – Discovery Science
- **Hussain Al-Jabir MSc student** - BES Best Basic Science oral presentation (Dr Sayka Barry's student)
- **Márta Korbonits** – Lady Estelle Wolfson Award from the Royal College of Physicians

Fellowships & Grants:

- **Chapple, Metherell and Guasti**: Barts Charity project grants (£1.2M)
- Joan Adam Fellowships - **Pedro Marques ; James Blackburn**
- **Emily Cottrell** : European Society for Paediatric Endocrinology Fellowship
- **Peter McCormick with University of Surrey** : MRC project grant on Wnt in OA - (collaborator in Surrey is WHRI alumni!)

New Lecturer

- **Dr Emanuel Rognoni** : Fibroblast lineage behaviour of the skin and other organs during development, homeostasis and disease

Awarded PhDs:

- **Jayna Mistry** (Guasti/Dunkle), **Irene Hadjidemetriou** (Guasti), **Mashal Hussain** (Chan), **Valeria Scagliotti** (Gaston-Massuet)

Publications:

- Cell Reports (x2), Human Molecular Genetic, JCEM, Endocrine-Related Cancer, Oncogene, Endocrinology, Pharmacology & Therapeutics, Clinical Endocrinology

Centre for Experimental Medicine & Rheumatology

Publications: >35 papers (source Pub Med) including

- Nature Immunology x 2 , Ann Rheum Disease (Top Specialist Journal) x 3, Arthritis Rheumatol (Top second Specialist Journal) x 2, J Immunol x 2 , J Leuk Biology; EBioMedicine; Osteoarthritis Cartilage; Semin Arthritis Rheum; J Exp Ortho, Br J Sports Med; Clin J Sport Med,

Competitive Funding: Over £4 M research income including:

- 2 x 5 year Clinical Lecturer posts, ARUK & NIHR > £1m
- 1 x 5 year Non-Clinical Lecturer, ARUK ~£0.5m
- 2 x 2 year Clinical Fellowships: ARUK, Gloria Ribera Lisa £219K ; NIHR, Felice Rivellesse £268
- Bombardieri: £238 CRUK: £250K IMI – Necessity
- Pitzalis/El Shikh : BMS £317K ; Pitzalis/Humby: Pfizer £310K, Pitzalis: Fondazione Ceschina £170K
- Dell'Accio; MRC (PI) £467K; Centre of Excellence OA (T. Vincent PI) £2M (200k to QMUL); UCB £150K
- Morrissey; NIHR £2.5M (£117K to QMUL); Newton Foundation £196K; Barts Charity £100K



Clinical Trials:

- Therapist – study report complete , R4RA – database lock , STRAP – recruitment closes May 19

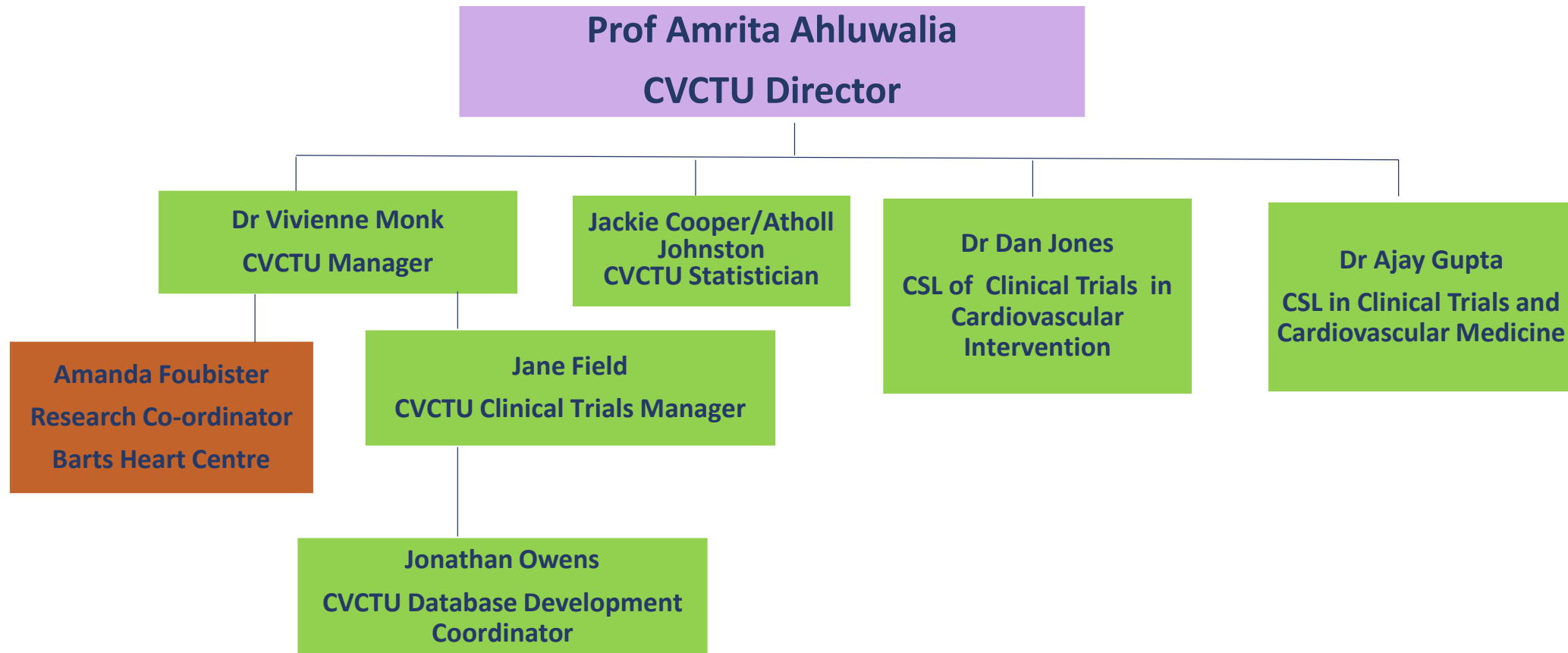
Public Engagement

- Active MATURA-PAG
- Patient Research Showcase –Versus Arthritis Centre of Excellence for OA pathogenesis
- **EMR Proposal Selected for Tate Exchange in 2019**



Barts Cardiovascular Clinical Trials Unit (CV CTU)

CVCTU Organogram and Trials Portfolio - 5JUL18



Barts Cardiovascular Clinical Trials Unit (CV CTU)

Updated website:

<https://www.qmul.ac.uk/whri/clinical-activities/cvctu/for-patients/>

Current Portfolio:

4 studies open

5 studies in set-up

6 studies submitted for funding

7 studies submitted for funding - unsuccessful

Income to Barts:

From open studies: £1,216,405

From studies in set-up: £509,469

From studies submitted for funding: £1,951,657

BSU Users Group

BSU representatives

Dr. R. Bennett
Dr. S. Keefe
Dr. J. Lopez-Tremoleda
Mr. A. Price

WHRI representatives

Prof. A. Hobbs (TMT;
Chair)
Dr. S. Eldridge (EMR)
Dr. M. Voisin (MVR)
Dr. P. Longhi (BP)
Dr. Q. Xiao (CP)
Dr. C. Gaston-Massuet
(Endo)

BCI representatives

Prof. K. Hodiala-Dilke
Prof. F. Balkwill
Prof. K. Kranc

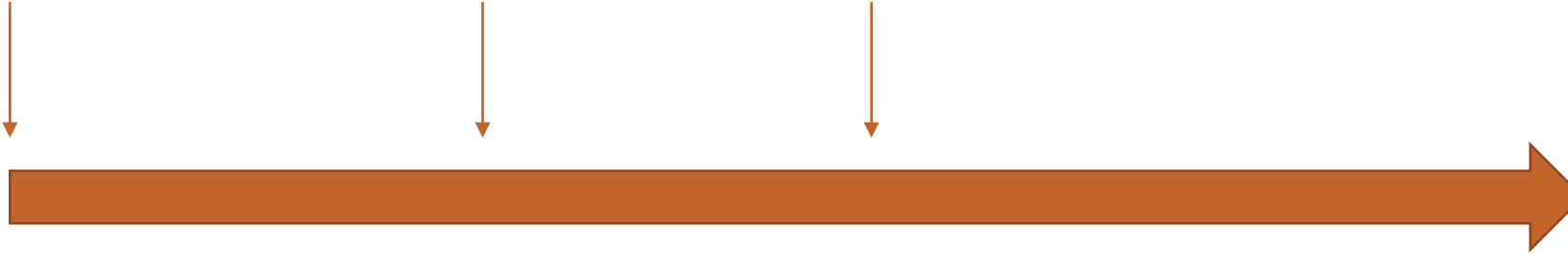
- Quarterly meetings (starting 22/2/19)
- Discuss ongoing, broad, multi-user topics (rather than acute, individual matters)
- Agenda items gratefully received from all – please liaise with your Centre representative

Lipid Mediator Unit

Sept 2015

March 2016

Dec 2016



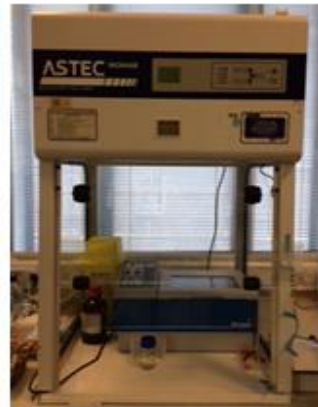
**Establishment
of Lipid Mediator Unit**
-Setup of First Equipment
-Recruitment of Dr. Colas

**Secured funding for
Second Mass Spec**

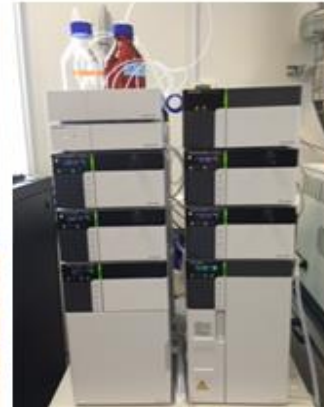
**Secured funding for
Third Mass Spec**



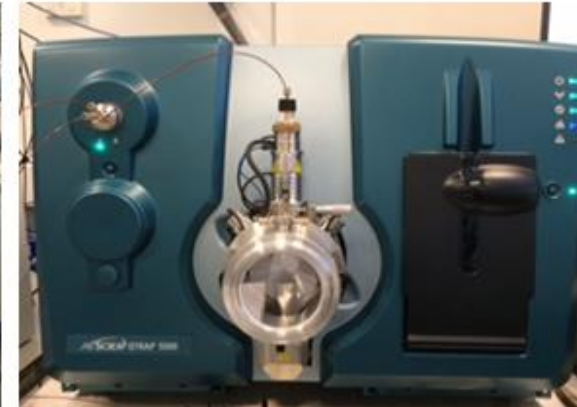
ExtraHera
(Biotage)



TurboVap LV
(Biotage)



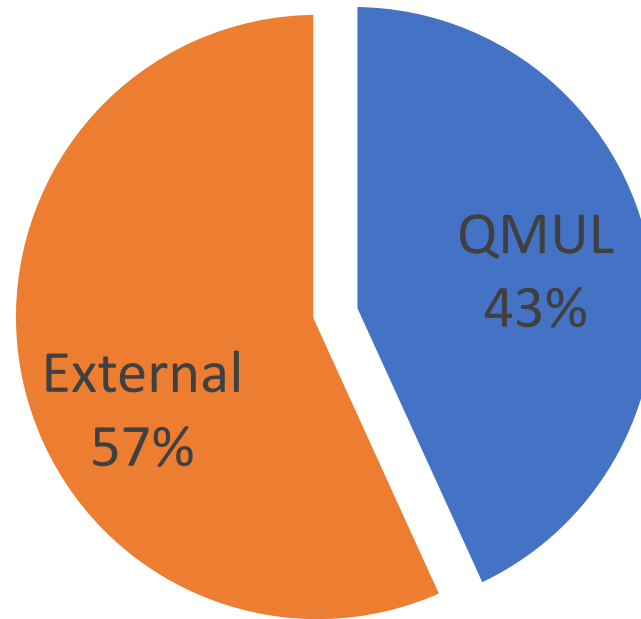
Liquid Chromatography
(Shimadzu)



Qtrap 5500
(ABsciex)

Lipid Mediator Unit

Total no of collaborators to date: 44 from both industry and academia

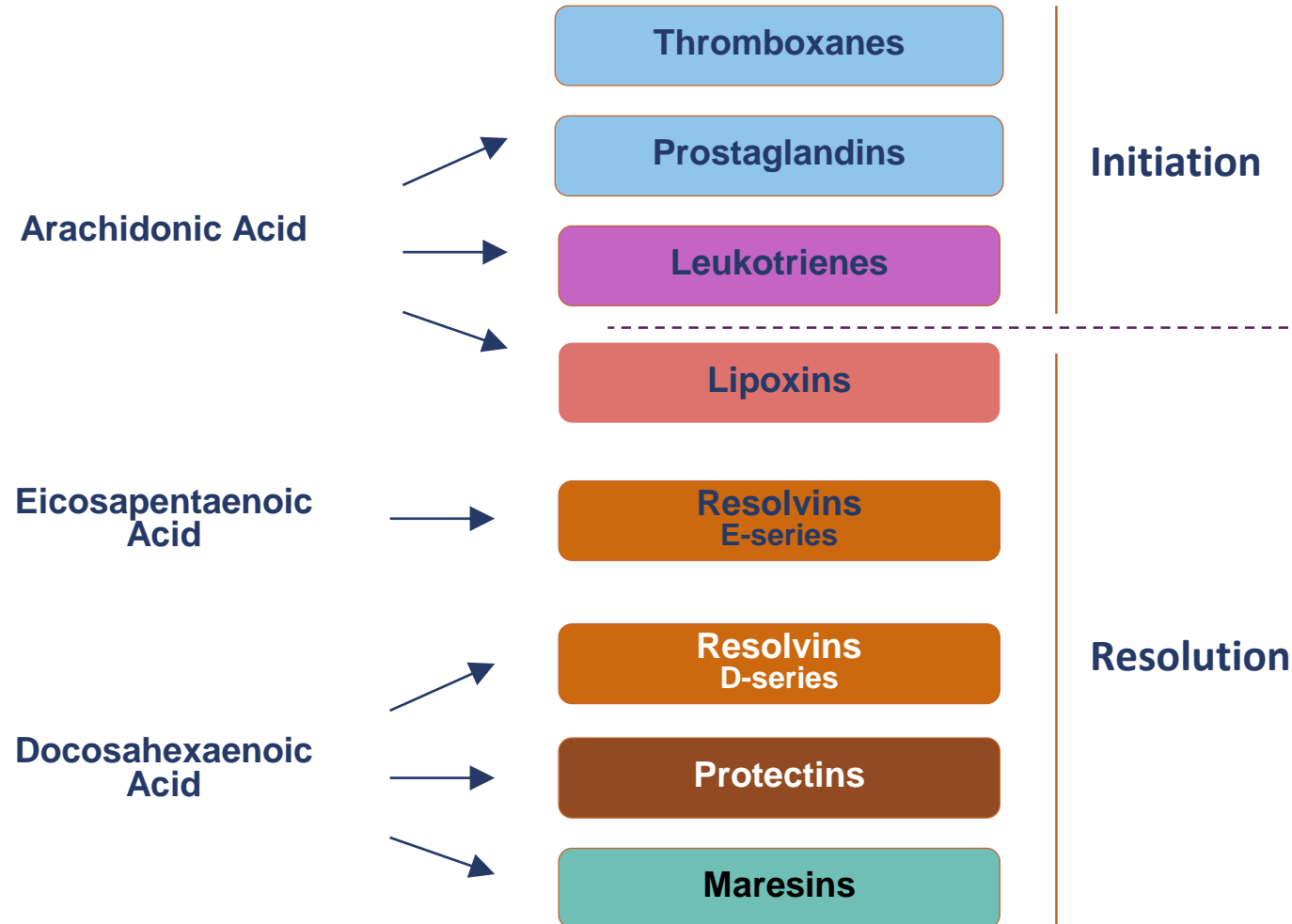


Number of samples processed to date : > 4500

19 Publications including papers in JCI, PNAS, Brain and Immunity

24 Manuscripts in review/preparation

Role of Lipid Mediators in the Initiation and Resolution of Inflammation



How Do I Go About Profiling my Samples?

- Email – j.dalli@qmul.ac.uk
- Setup a meeting to discuss your specific interests and sample preparation
- Submit a sample submission form via iLabs
- Submit Sample

Webpage: <http://www.whri.qmul.ac.uk/research/inflammation/587-lipid-mediator-unit>

What are the Costs and What do I get for my money?

Costs

- QMUL Internal Academic – £110 per sample
- External Academics – £150 per sample

What this includes

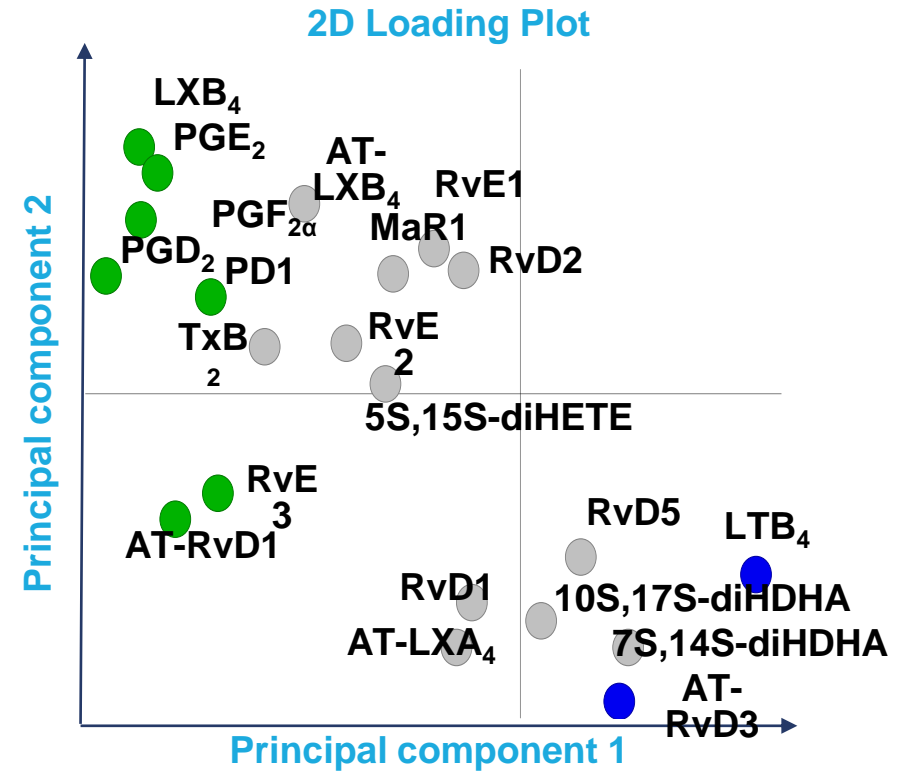
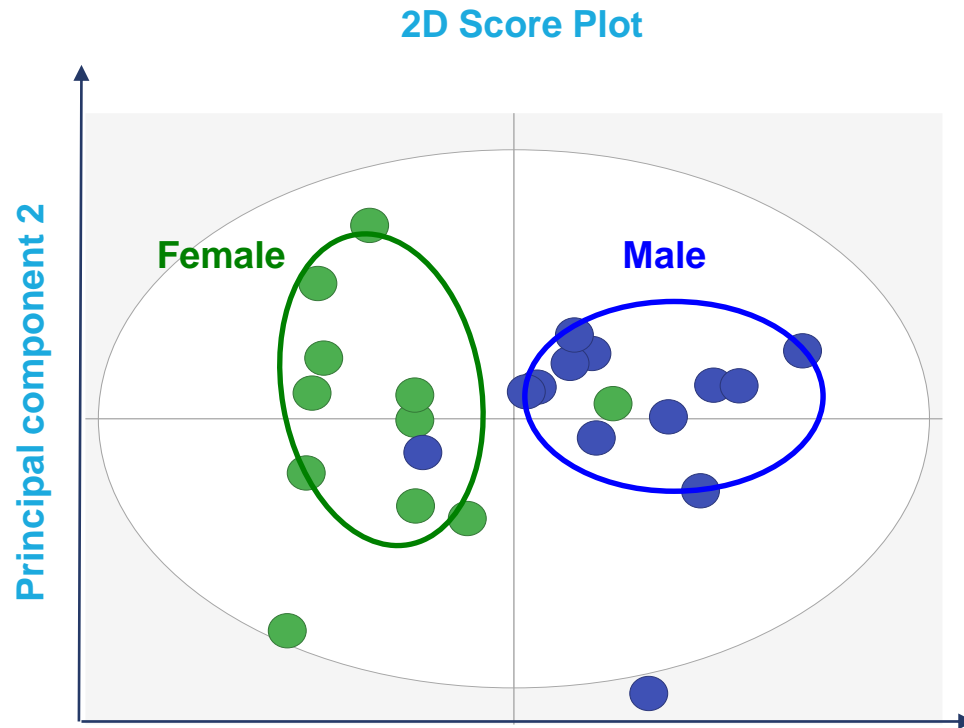
- Sample preparation – Protein precipitation,

Extraction
Preparation

for profiling

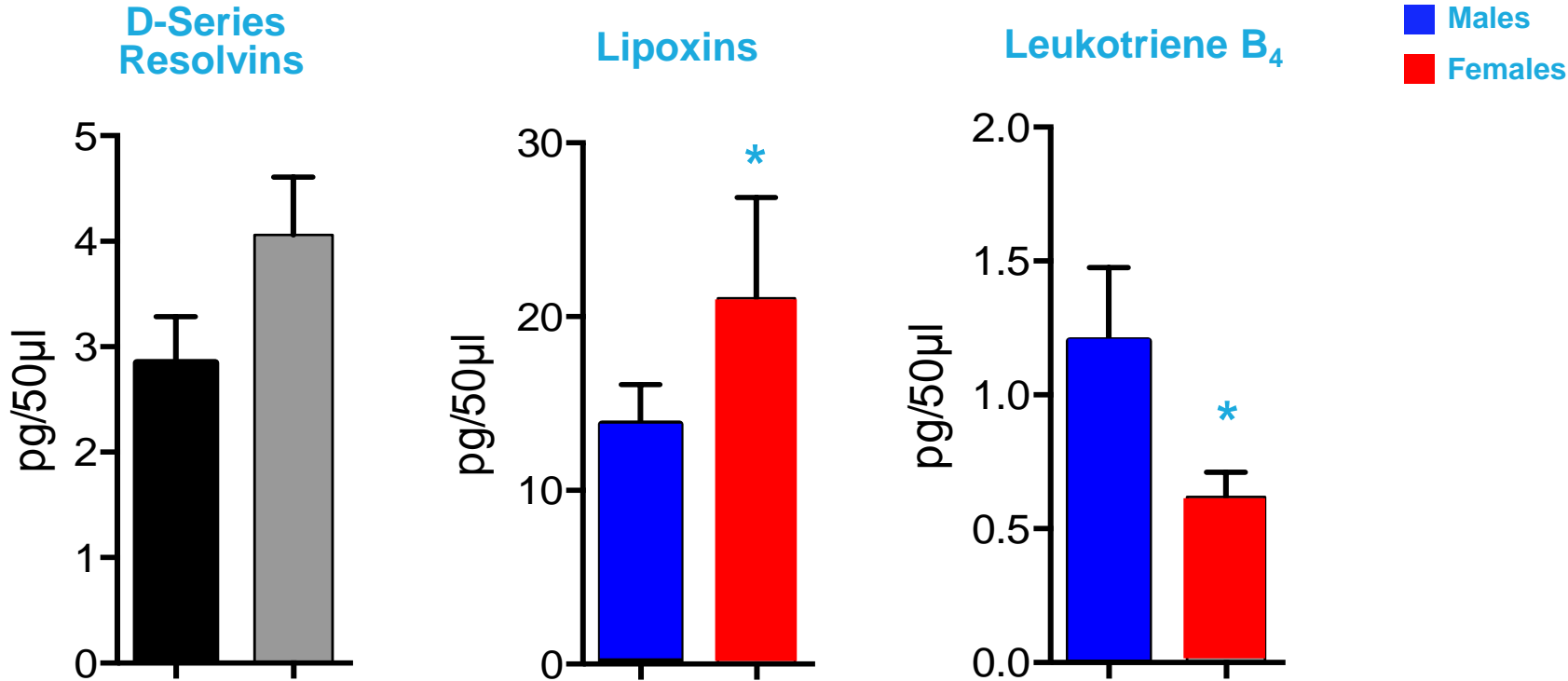
- LC-MS-MS
- Lipid Mediator Profiling
- Detailed Report – Manuscript quality figures
- Methods section for manuscript

LM-SPM Profiles from Males and Females Give Distinct Clusters



Rathod K. et al *JCI* 2016

Increased SPM levels in Female Blister Exudates



Levels within the bioactive ranges of the SPM
50-350 pM

Rathod K. et al JCI 2016

Cryopreservation Facility:

The Mouse Cryopreservation Facility at Charterhouse Square offers:

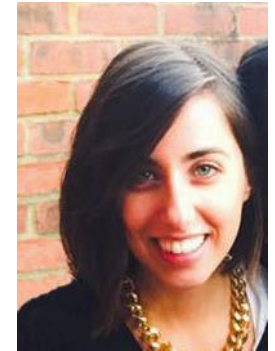
- Cryopreservation of sperm



- Cryopreservation of morula stage embryos



- Recovery of the cryopreserved lines through Non-Surgical Embryo Transfer or IVF
- Transfer of transgenic lines between BSUs



Angelica
Gualtieri

a.gualtieri@qmul.ac.uk

c.gaston-massuet@qmul.ac.uk

Cryopreservation Facility:

- **Embryo cryopreservation**
- **TOTAL PER EXPERIMENT (females supplied by user)**
- **GBP 750.00**
- **Please consider that the cost of purchasing 20C57BL/6 is not included in the price**
- **Sperm cryopreservation**
- **TOTAL PER EXPERIMENT**
- **GBP 500.00**
- **TOTAL PER IVF TEST (females supplied by user)**
- **GBP 150.00**
- **Please consider that the cost of purchasing 3 C57BL/6 is not included in the price**
- **At UCL or Jackson Labs costs for procedures in the region of £1500**

Final Storage Cryo Facility at Charterhouse



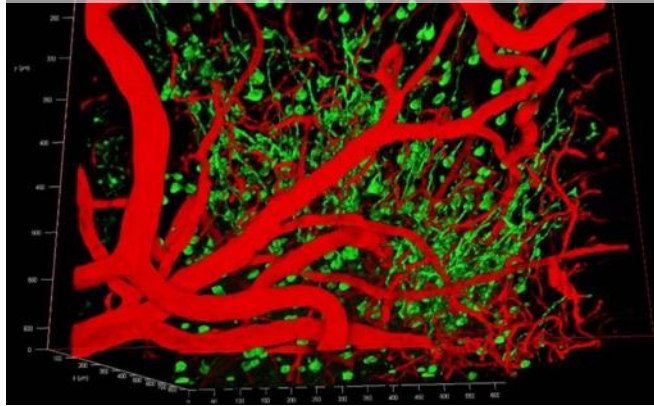
Angelica
Gualtieri

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Microvascular Live Imaging Suite (MIC-LIS): Part of AMIS

Leica SP8 DIVE Multiphoton for deep imaging



Intravital Microscopy

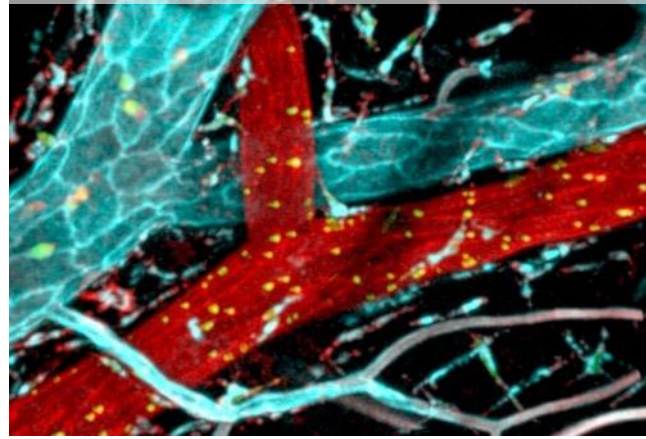
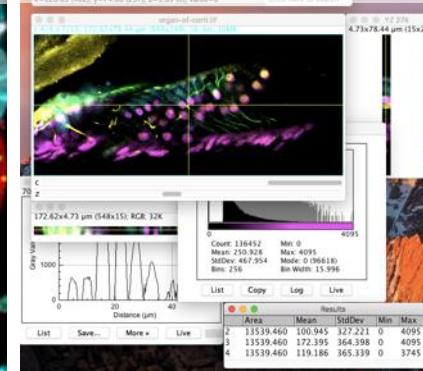
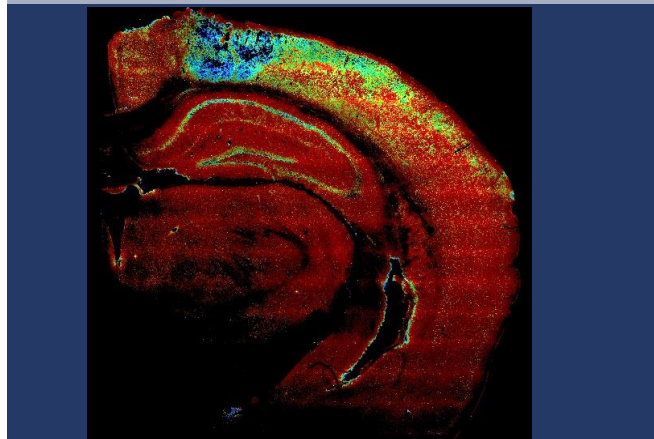


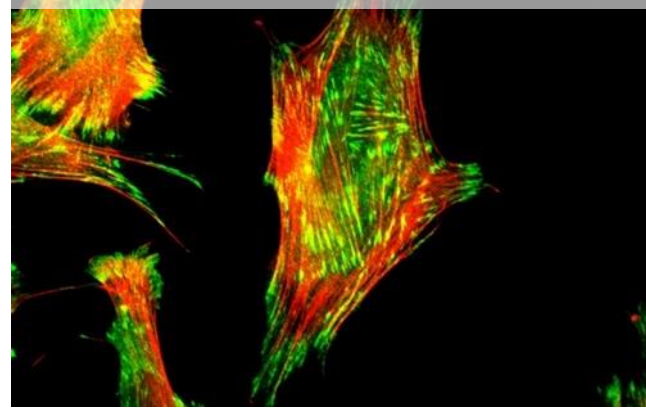
Image analysis software & support



Fast fluorescence lifetime imaging



Inverted confocal for high-res 5D in vitro work



- ✓ Open imaging resource with training & support
- ✓ 3 upright & 1 inverted confocal + widefield systems
- ✓ Suited to in vivo, in vitro, fixed or live samples
- ✓ Fast scanning hardware for quick frame rates

Contact: Rebecca Saleeb, r.saleeb@qmul.ac.uk, 020 7882 3910, John Vane 414

List of resources available at www.qmul.ac.uk/whri/research/core-facilities/imaging-facilities/

WHRI Academic Development Update

QMUL Teaching Recognition Project 2016 – 2019

All QMUL academic staff are expected to hold a HEA-recognised teaching qualification by the end of 2019

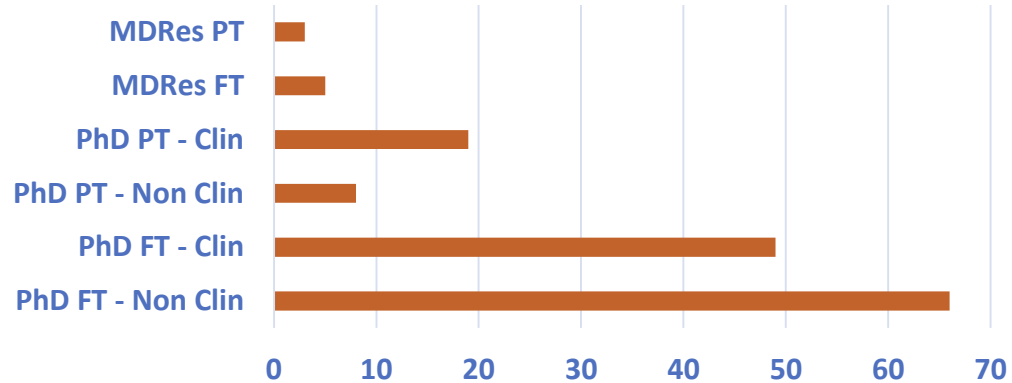
Current status:

WHRI academic staff who:

Hold a recognised qualification	40
Are currently registered on a PGCAP / CILT programme	4
Are currently engaged with the ADEPT Fellowship programme	31
Have not engaged with the ADEPT	13
Other accreditation	5

WHRI Postgraduate Research

Currently **150** PGR students (includes student in write up)



24 new students have registered so far for **2018/19** academic year

- **Completion:** WHRI currently has an average of 80% completion rate for the last 4 cohorts. WHRI is on track for 90% completion rate for the 14-15 cohort.
- **PRES 2019:** The PRES 2019 will be open from Monday 11 March to Friday 19 May. PRES gives the students with the opportunity to provide honest feedback on learning and supervision experience at QMUL.
- **MySiS:** 9/ 18 / 30 month progression, transfer to writing up and exam entry are all now through MySiS
- **PGR Student committee:** Representation from each WHRI research center. The committee selected Dr Dianne Cooper for the first WHRI Supervisor of the Year award in January 2019.
- **BHF DTP:** 4 year MRes/PhD programme renewed 2018-2021 (5 students per year)

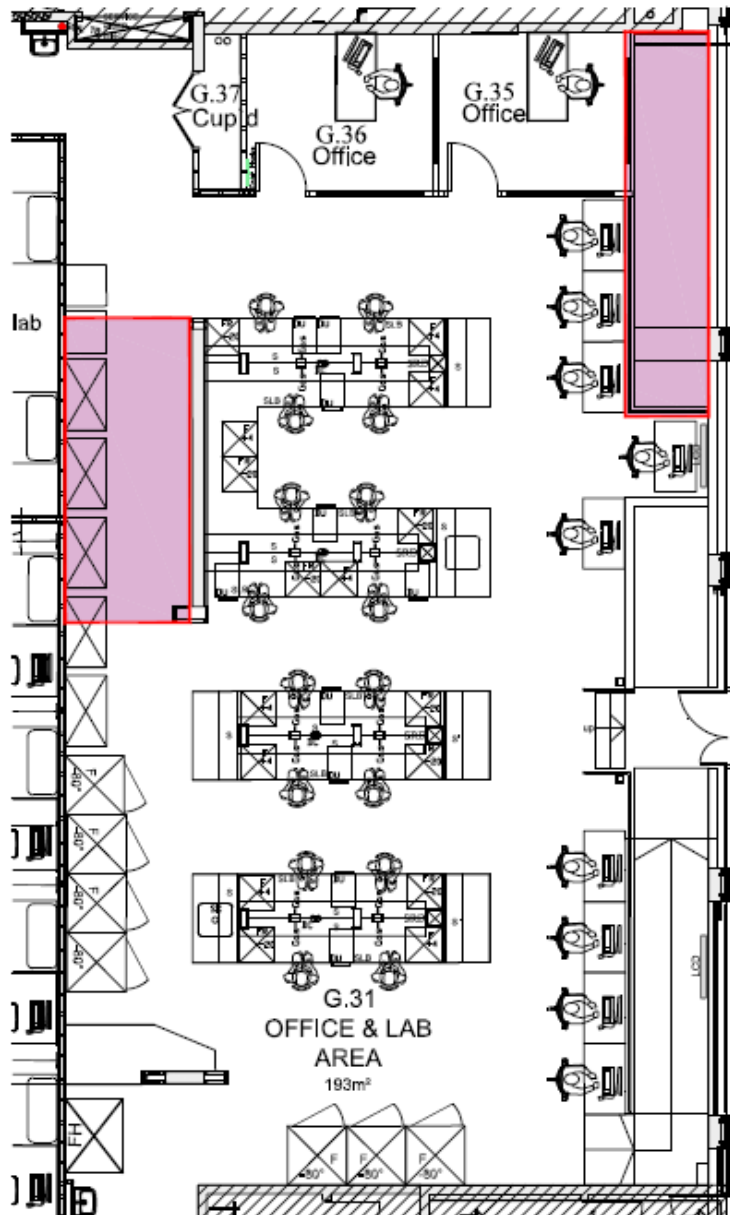
JVSC Project

Options

1: Dawson Hall conversion and JVSC refurbishment	£89.9m
2: Dawson Hall demolition, new build and JVSC refurbishment	£162.9m
3: Dawson Hall & Rotblat new build and JVSC refurbishment	£173.4m
4: Dawson Hall & Wolfson new build and JVSC refurbishment	£186.5m

Heart Centre Changes

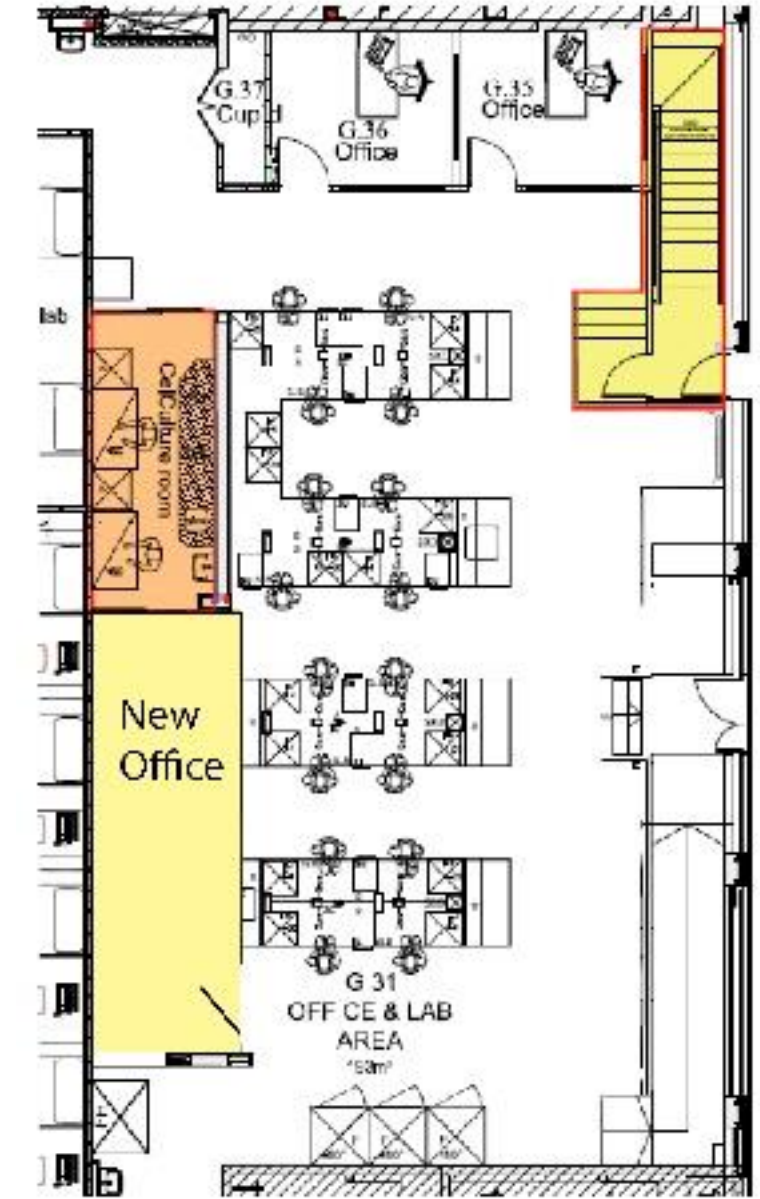
Ground Floor



Cell culture & office to be completed by 1st May 2019

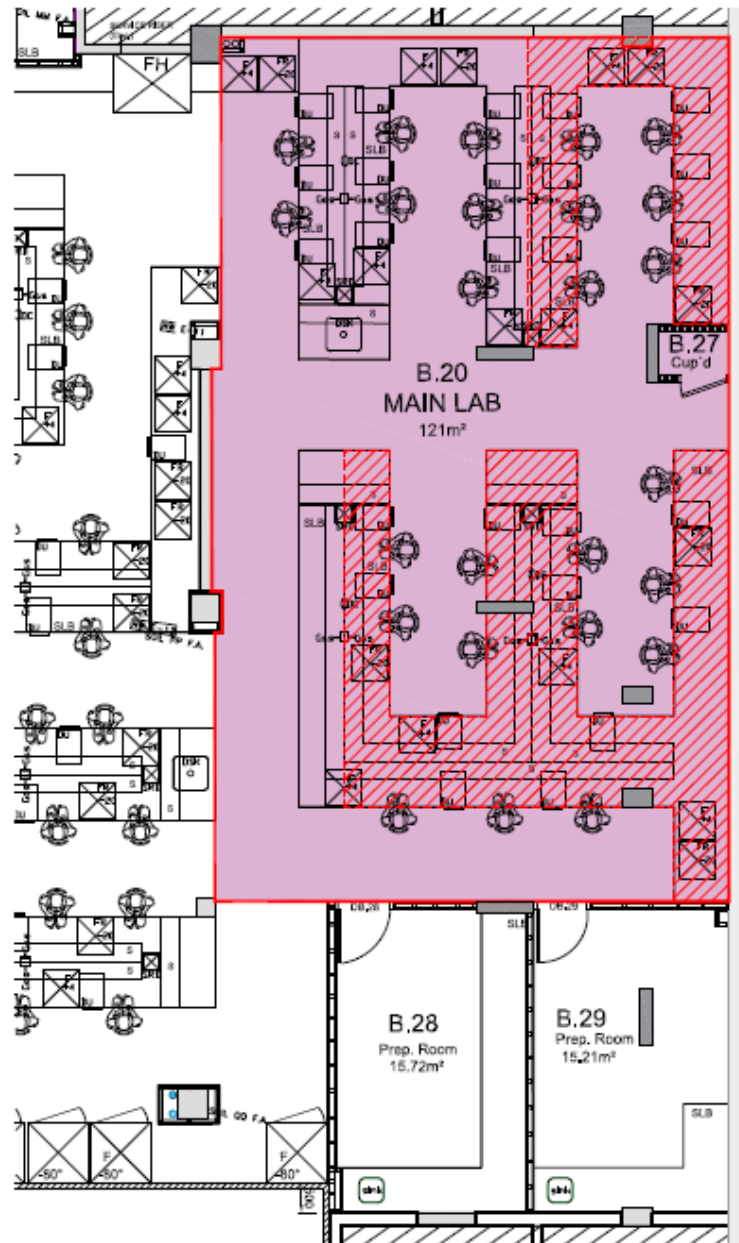


Proposed start for stairs
Dec 2019

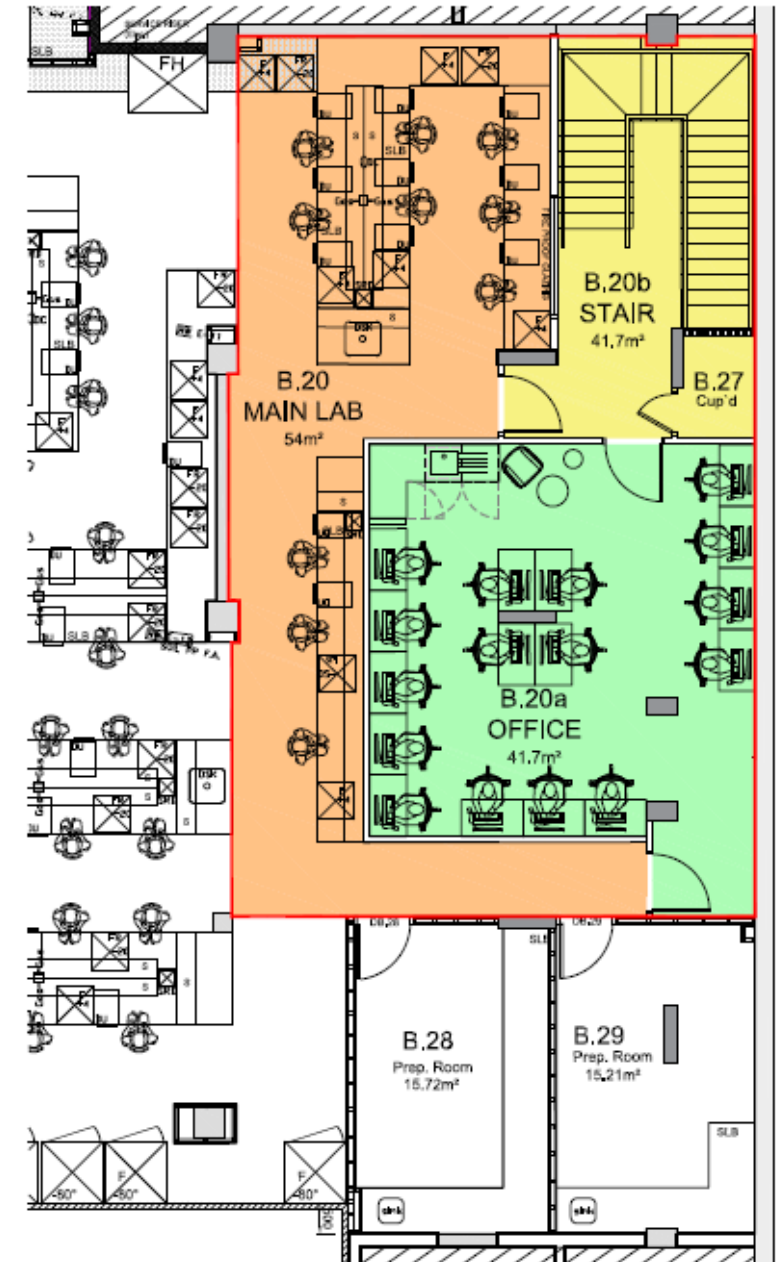


Heart Centre Changes

Basement Lab



Proposed start date
Dec 2019



Health & Safety

We have received a “Lessons Learned” document in relation to the HSE investigation

Safety glasses & lab coats must be worn in labs at all times

Risk assessments must cover the procedures as they are being carried out.

Risk assessments must be reviewed every 3 years minimum

Staff & students must attend all relevant training courses & full training records must be maintained.

WHRI is lagging behind in terms of numbers attending the training courses
(only 15 people have attended safety courses this academic year)

Fire Safety

We have a fire deficiency notice for the JVSC which we are working to comply with – **deadline 8th March**

High level storage – successfully addressed, thank you.

Ongoing work to declutter labs and dispose of unused/unwanted equipment & materials.