Tuesday 18th June: cPMF – Optional Core Facility Session

13.30 Arrival

14.00 **cPMF session 1: core facility talks – Chair David Knight**

 Sally Shirran (St Andrews): *Variety is the spice of life, but it gives be indigestion*

 Logan Mackay (Edinburgh): *Invoicing in a core facility*

 Matt Fuszard (Halle): *Is the grass greener? Core Facility experiences in Germany*

15.00 coffee break (not supplied)

15.30 **cPMF session 2: core facility discussion – Chair David Knight**

 1) What routes / mechanisms have Core labs attempted for equipment replacement, what has worked, and what has NOT worked?  If depreciation costs are embedded in your charges, are they allocated/ accumulated for instrument renewal or disappear into central funds?

2) What is your institute's expectation for cost recovery? Are all costs included (e.g. incl. staff)? If you make any kind of surplus, are you allowed to keep it (to fund staff or new equipment)?

3) Which approach do you use for keeping maximum up time - full service contracts with all costs passed onto users, or fix it when it breaks yourself, with vendors as a last resort?

4) How do you handle admin (booking, tracking use, charging) - home-made solutions or 3rd party paid-for solution?  If a 3rd party solution, what, why, and how did you justify costs to your institute?

17.00 End of session

 Informal drinks at local bar/restaurant for those that want to continue discussions

Wednesday 19th June morning: Optional Vendor Session

9.00 Arrival and refreshments

9.30 **Session 1: 5x 15 min vendor presentations from technical experts – chair TBC**

 Covaris *Universal and Reproducible Proteomics Sample Preparation*

Sciex Gina Eagle *Ultra-fast proteomics and the evolution of large scale DIA quantitation*

Waters *TBC*

Shimadzu Chris Titman *Three is the magic number*

Thermo George Just *Genius Made Simpler: Improving Everyday Protein Profiling to Quantitative Analysis*

10.45 coffee break

11.15 **Session 2: 5x 15 min vendor presentations from technical experts – chair TBC**

 Bruker Lucy Woods *Applying MALDI on an orthogonal QTOF: benefits and application examples*

MatrixScience Ville Koskinen *Human gut metaproteomics with Mascot*

FintiedeSolutions Erik Verschuuren *Towards a Standardized Omics Solution, making sample separation 10 times faster and 100 times more robust than today’s alternatives*

Profiti *TBC*

Pharmafluidics Robert Van Ling *Maximize the output of proteome analyses using a 50cm long micro-pillar array column as front-end separation*

12.30 End of session

Wednesday 19th June afternoon: PMF #1

12.30 Registration and Lunch

13.30 **PMF session 1: Sample preparation and automation – chair Ian Fearnley**

 4x 15min presentation slots (10 min talk) and 15 min group discussion

 Van Kelly (University of Edinburgh) *Preparation of samples from formaldehyde treated cells*

Kelly Gallagher (University of Edinburgh) *An isotope depletion strategy for improved top-down fragmentation*

Ronan O'Cualain (University of Manchester*) AFA sonication, S-Traps and other plate based methods - are we getting close to taming Proteomics sample prep*

Josie Christopher (University of Cambridge) *LOPIT-DC: A simpler, high-resolution alternative for spatial proteomics*

14.45 coffee

15.30 **PMF session 2: Modifications – chair Karl Burgess**

 4x 15min presentation slots (10 min talk) and 15 min group discussion

 Jan Skelnar (The Sainbury Laboratory) *Analysis of Sulphated peptides*

 Chris Taylor (University of York) *Crosslinking, joining up expectation and reality*

Iolanda Vendrell (University of Oxford) *Citrullination*

 Stoyan Stoychev (CSIR Petoria) *Automated phosphorylation workflows*

16.45 ASMS update vendor flash presentations

17.00 Pizza and beer

18.00 **Feature presentation by Angus Lamond** (University of Dundee) *Joining the dots: meeting the challenge of big data in proteomics* followed by 20 min discussion/debate

19.00 End of session

20.00 **Evening mixer, sponsored by MatrixScience** at St Andrews Brewing Company, 119 North Street, St Andrews. KY16 9AD

Thursday 20th June morning: PMF #2

9.00 Registration and coffee

9.30 **PMF session 3: Quantitation and Global Proteomics – chair Clive D’Santos**

 4x 15min presentation slots (10 min talk) and 15 min group discussion

 Alejandro Brenes (University of Dundee) *Multi-batch TMT reveals false positives, batch effects and missing values*

Silvia Synowsky (University of St Andrews) *SWATH trials and tribulations*

 Martina Finetti (Newcastle University) *label free quantitation*

Vincent Geoghegan (University of York) *An enhanced proximity biotinylation met hod for characterisation of large protein complexes*

10.45 coffee

11.30 **PMF session 4: Data Processing and Statistics– chair Dougie Lamont**

 4x 15min presentation slots (10 min talk) and 15 min group discussion

Mary Doherty (University of Highlands & Islands) *Measuring protein and lipid flux: the benefits and challenges*

Michele Tinti (University of Dundee) *Data analysis of non-model species*

Marek Gierlinski (University of Dundee) *R environment for MaxQuant*

TBC

12.45 Meeting Roundup

13.00 End of session and lunch