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| **Call** | **Principle Investigator** | **University** | **Industry Partner** | **Title** |
| BIV Nov14  | Randy Mrsny | Bath | Arecor | Initial development of novel product concepts with unique pharmacokinetic characteristics |
| BIV Nov14  | Bob White | York | Cobra | Evaluating enhancement of Secretion for Recombinant Proteins in CHO cells via overexpression of 7SL RNA |
| BIV May15  | Lorna Ashton | Lancaster | Cobra | Evaluating the use of Raman Spectroscopy to determine topological isoforms of plasmid DNA |
| BIV May15  | Anil Day | Manchester | Protein Technologies  | Production of therapeutic and industrial proteins in microalgae |
| BIV May15  | Corinne Smith | Warwick | JEOL UK | Exploiting advanced electron microscopy to optimise protein and biologic expression platforms |
| BIV May15  | Yuhong Zhou | UCL | BioProControl Tech | Development of a crossflow filtration dynamic flux control system to reduce cell harvest time |
| BIV May15  | Paul Clegg | Edinburgh | Recyclatech | Rapid processing to recover high value microbial by-products |
| BIV May15  | Tarit Mukhopadhyay | UCL | Public Health England | A pilot study to improve the expression of a *Clostridium difficile* toxin-based fragment in *E.coli* |
| BIV Aug15  | Lisa Swanton | Manchester | SAL scientific | Enhancing cell growth to allow selection of biopharmaceutical-producer cell lines with favourable properties |
| BIV Aug15  | Martin Michaelis | Kent | TotalLab | Monitoring of host cell proteome expression during bioprocessing of CHO cells expressing recombinant proteins |
| BIV Aug15 | Mike Allen | Plymouth Marine Laboratory | Varicon Aqua Solutions | Design consultation and testing of a membrane photobiorector suitable for advanced biologic production from micro algae |
| BIV Nov15  | Kevin Flynn | Swansea | AlgaeCytes | A bio-process to optimize yields and characterize and test unique exopolysaccharides from two microalgal strains |
| BIV Feb16  | Michael Plevin | York | Oxford Nanopore | A collaboration to engineer a novel protein nanopore for single molecule DNA sequencing applications |
| BIV Feb16  | Tobias von der Haar | Kent | UCB Celltech | Predictive tools for folding-supportive sequence design spaces |
| BIV Feb16  | Chris Pudney | Bath | Bath ASU | Developing a novel fluorescence-based biopharmaceutical quality control technology |
| BIV Feb16  | Garry Blakely | Edinburgh | Hyaltech | Industry biotechnology for the production of hyaluronic acid from *Streptococcus equi* |
| BIV Feb16  | Sourav Ghosh | Loughborough | CPI | Exploring the feasibility of nonlinear acoustic detection technique for online bioprocess monitoring |
| BIV Feb16  | Helen Philippou | Leeds | Crystec | Supercritical fluid processing to improve the stability and delivery of low dose biopharmaceuticals |
| BIV May16  | James Winterburn | Manchester | Croda | Novel bioprocessing approaches for the separation of product phases |
| BIV May16  | Perditta Barran | Manchester | BioShape | Examining the relationship between charge and zeta potential in proteins using mass spectrometry |
| BIV Jan17  | Colin Robinson | Kent | UCB Celltech | Fermentation optimisation of biotherapeutic production by *E. coli* ‘TatExpress’ strains |
| BIV Jan17  | Jose Guterriez-Marcos | Warwick | Mologic | Assessing the production of human cysteine knot hormones in plant cell cultures |
| BIV Jan17  | Claudio Angione | Teesside | CPI | A machine learning poly-omics classifier to improve protein production in CHO cells |
| PoC Oct15 | Tobias von der Haar | Kent | MRC TechnologiesCobra | **Gene expression accuracy as a parameter in bioprocessing applications** |
| PoC Oct15 | Jim Warwicker | Manchester | – | **Eeb tools to predict protein solubility and/or aggregation** |
| PoC Oct15 | Karen Polizzi | Imperial | FujiFilm | Towards a cell-free expression system based on *Pichia pastoris* |
| PoC Nov16 | *Cleo Kontoravdi* | Imperial | MedImmune | Bioreactor design space identification with product quality constraint |
| PoC Nov16 | Martin Michaelis | Kent | MedImmune | Expanding production time of mammalian cell cultures for biotechnological applications |
| PoC Nov16 | *Marek Brzozowski* | York | – | Hijacking intracellular storage bodies to create a novel mammalian cell-based expression system for the production of hard-to-express proteins |
| PoC Nov16 | Gyorgy Szekely | Manchester | FujiFilm | Molecular Imprinting for Sustainable Downstream Processing of Biopharmaceuticals |
| PoC Nov16 | Mark Wass  | Kent | CPI | Analysis of host cell protein impurities using *in silico* approaches |
| PoC Nov17 | Andrew Peden | Sheffield | UCB Pharma | Developing a tool kit for determining the manufacturability of new therapeutics in CHO cells |
| PoC Nov17 | Michael Plevin | York | Oxford Nanopore | Can archaeal minichromosome maintenance helicases enhance the performance of ananopore DNA sequencer? |