







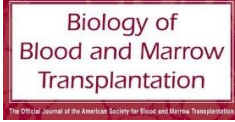



**Examples of published outputs from  
Biomedical and Molecular Sciences Research MSc/MRes students**


2018







	<p>Poulami Chaudhuri, Hasan Tanvir Imam, Yona Essig, <b>Jovaras Krasauskas</b>, Samuel M. Webb, Claudia A. Blindauer, Stephen R. Stürzenbaum (2018). Molecular genetic and biochemical characterization of a putative family of zinc metalloproteins in <i>Caenorhabditis elegans</i>. <i>Metallomics</i>, in press.</p>
	<p>Valeria Iansante, Anil Dhawan, <b>Fatma Masmoudi</b>, Charlotte A. Lee, Raquel Fernandez-Dacosta, Simon Walker, Emer Fitzpatrick, Ragai R. Mitry, Céline Filippi (2018). A new high throughput screening platform for cell encapsulation in alginate hydrogel shows improved hepatocyte functions by mesenchymal stromal cells co-encapsulation. <i>Frontiers in Medicine</i>, in press.</p>
	<p>Simon Burr, Anna Caldwell, Mei Chong, Matteo Beretta, Stephen Metcalf, Matthew Hancock, Matthew Arno, Sucharitha Balu, <b>Valeria Leon Kropf</b>, Rajesh K Mistry, Ajay M Shah, Giovanni E Mann, Alison C Brewer (2018). Oxygen gradients can determine epigenetic asymmetry and cellular differentiation via differential regulation of Tet activity in embryonic stem cells. <i>Nucleic Acids Research</i>, 46(3): 1210–1226.</p>
	<p><b>Alexandra J. Willis</b>, Radek Indra, Laura E. Wohak, Osman Sozeri, Kerstin Feser, Iveta Mrizova, David H. Phillips, Marie Stiborova, Volker M. Arlt (2018). The impact of chemotherapeutic drugs on the CYP1A1-catalysed metabolism of the environmental carcinogen benzo[a]pyrene: Effects in human colorectal HCT116 TP53(+/+), TP53(+/-) and TP53(-/-) cells. <i>Toxicology</i> 398–399, 1–12.</p>

2017




	<p><b>Schlottmann F</b>, Vera-Aviles M, Latunde-Dada GO (2017). Duodenal cytochrome b (Cybrd1) ferric reductase functional studies in cells. <i>Metallomics</i> 18; 9(10):1389-1393.</p>
	<p>Benedetti L, Cereda M, <b>Monteverde L</b>, Desai N, Ciccarelli FD1 (2017). Synthetic lethal interaction between the tumour suppressor STAG2 and its paralog STAG1. <i>Oncotarget</i> 8(23): 37619-37632.</p>
	<p><b>Bhatti T, Tariq A</b>, Shen T, Williams KM, Hammond CJ, Mahroo OA (2017). Relative Genetic and Environmental Contributions to Variations in Human Retinal Electrical Responses Quantified in a Twin Study. <i>Ophthalmology</i> 124(8):1175-1185.</p>
	<p>Matsubayashi Y, Louani A, Dragu A, Sanchez-Sanchez B, <b>Serna-Morales E</b>, Yolland L, Gyoergy A, Vizcay G, Fleck R, Heddleston J, Chew T, Siekhaus D, Stramer B (2017). A Moving source of matrix components is essential for de novo basement membrane formation. <i>Curr. Biol.</i> 27(22):3526-3534.</p>
	<p>Grimaldi F, Potter V, Perez-Abellan P, <b>Veluchamy JP</b>, Atif M, Grain R, <b>Sen M</b>, Best S, Lea N, Rice C Pagliuca A, Mufti GJ, Marsh JCW, Barber LD (2017). Mixed T-cell chimerism after allogeneic hematopoietic stem cell transplantation for severe aplastic anemia using an alemtuzumab-containing regimen is shaped by persistence of recipient CD8 T cells. <i>Biol Blood Marrow Transplant</i> 23:293-299.</p>
	<p>Baron, Olga; Boudi, Adel; <b>Dias, Catarina</b>; Schilling, Michael; Noelle, Anna; Vizcay-Barrena, Gema; Rattray, Ivan; Jungbluth, Heinz; Wiep, Scheper; Fleck, Roland Alexander; Bates, Gillian; Fanto, Manolis. Stall in canonical autophagy-lysosome pathways prompts nucleophagy-based nuclear breakdown in neurodegeneration. <i>Current Biology</i> 27(23):3626-3642.</p>

2016






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