

<p><b>Name &amp; job title</b> <b>Institution</b></p> <p><b>Talk title</b></p>	<p><b>Professor Xu Lin, MD PhD</b> Institute for Nutritional Sciences, Shanghai Institutes for Biological Sciences Distinguished Professor, Chinese Academy of Sciences (CAS) Director, Basic Nutrition Research Branch, Chinese Nutrition Society; Co-Editor-in-Chief, Nutrition &amp; Metabolism (Springer Nature). Email: <a href="mailto:xlin@sibs.ac.cn">xlin@sibs.ac.cn</a> Title talk: <b>“Omic-based Studies of Nutritional Needs and Metabolic Diseases in Chinese”</b>.</p> <p><b>Professor Rong Zeng, PhD</b> Key Laboratory of Systems Biology Shanghai Institute for Biological Sciences Chinese Academy of Sciences Shanghai, China Title talk: <b>“Systems Integration of Multi-Omics Data to Evaluate Physiological and Pathological Status”</b></p> <p><b>Dr Felix Zhang, PhD</b> Director, Science &amp; Technology Centre Director, Nutrition &amp; Health Research Centre By-Health Co., Ltd. Guangzhou, China Title talk: <b>“Brief Introduction of By-Health and Research in Precision Nutrition”</b></p>
<p><b>Date:</b></p>	<p>Friday 31<sup>st</sup> August 2018 / 13:15 hrs – 14:30 hrs</p>
<p><b>Seminar Announcement</b></p>	<p>On the 31<sup>st</sup> August we are welcoming two key scientists from the Shanghai Institute for Biological Sciences, Chinese Academy of Sciences to Aberdeen to deliver a mini-symposium on <b>“Linking Precision Nutrition, Metabolic Health and Systems Biology – A China Perspective”</b> at the Rowett Institute, School of Medicine, Medical Sciences and Nutrition, University of Aberdeen. The speakers, Professors Xu Lin and Rong Zeng, are international investigators and pioneers in the research area of diet and health, metabolic diseases and systems biology and their talks should be of interest to many academics in our School.</p> <p>We will also welcome back to the Rowett our former PhD student Dr Xuguang (Felix) Zhang, who is now the Director of the Nutrition &amp; Health Research Centre at By-Health Co., Ltd, one of China’s largest food supplement and ingredient companies. Dr Felix Zhang, together with Professor Xu Lin, are the founders of the Precision Nutrition organisation in China. Dr Zhang will</p>

	<p>discuss By Health's exciting plans for globalisation of product lines and opportunities for collaborations to perform clinical nutrition trials.</p>
<p><b>Speaker Biography:</b> (provide URL if easier)</p>	<div data-bbox="504 461 850 875">  </div> <p data-bbox="874 461 1417 875">       Professor Xu Lin received her PhD from Cornell University and was trained as a postdoctoral fellow in University of North Carolina and Duke University. She became a professor in Institute for Nutritional Sciences in SIBS since 2003 and served as the director for Key Laboratory of Nutrition and Metabolism in CAS (2008-16). She was a PI for Chinese national genome-wide association study for type 2 diabetes and also PI for the Metabolic Disease in Chinese National Precision Medicine Project. Her     </p> <p data-bbox="504 887 1417 1346">       team discovered or confirmed about 300 genetic variants associated with T2D and other metabolic abnormalities, as well as fatty acids, vitamin D and iron metabolism. Dr. Lin's team also established a prospective Chinese cohort and found over 100 omic-based biomarkers related with diet/nutrients and/or metabolic diseases. Additionally, they conducted several intervention trails and found beneficial effects of flaxseed, walnuts and brown rice on high risk individuals. By conducting two intervention trials, they identify the dose-response of vitamin D3 supplementation and the effects of genetic and non-genetic factors on the intervention efficiency. So far, she has published about 100 papers, including Circulation, J Am Coll Cardiol, Diabetes, Am J Clin Nutr, Nature and Nature Genetics. She was listed as one of most cited researchers in China (Medicine) by Elsevier from 2014 to 2017.     </p> <div data-bbox="504 1435 850 1906">  </div> <p data-bbox="874 1424 1417 1917">       Professor Rong Zeng leads a proteomics and systems biology research team at the Institute of Biochemistry and Cell Biology at the Shanghai Institute for Biological Sciences focussing on methodology development, application of quantitative proteomics, and regulatory mechanisms of protein dynamic behaviours. Her team developed novel methods for proteomics research including multi-dimensional LC-MS/MS that can aid protein profiling, phosphopeptide enrichment, and multiplex quantitation. She has also applied quantitative proteomics in cell signaling and biomarker discovery of     </p> <p data-bbox="504 1917 1417 2022">       diabetes. Her work on proteins in and around cancer cells in human liver has revealed new insights into liver cancer. She utilized epigenetic, transcriptomic, and MiRNA data along with proteomic data to find out how     </p>

biological molecules interact on a systematic level. Her work has been published in various journals including Electrophoresis, Nature, Science, Proteomics, BMC Genomics, Journal of Proteome Research, the Journal of Molecular Cell Biology, and Molecular & Cellular Proteomics.



**Dr Xuguang (Felix) Zhang** obtained his PhD in Human Nutrition at the Rowett Institute in 2013. Before he joined in By-Health, he worked for over 9 years on medical/functional food development for FRDC Fonterra (NZ), University of Aberdeen, Science in Sport Plc, and Provexis Plc. He led scientific research projects in metabolic health and cardiovascular health when working as a Research Fellow and Honorary Researcher at the Rowett Institute. He and his team at Provexis Plc delivered their core functional ingredient FruitFlow, which won the first new health claim in Europe under the Article 13.5 EFSA. Dr

Zhang is a Registered Nutritionist (Nutrition Science) in the UK.