

**CTR Annual Trophoblast Meeting: 9<sup>th</sup> and 10<sup>th</sup> July 2012**  
 Centre for Mathematical Sciences, Wilberforce Road, (off Madingley Road) Cambridge CB3 0WA

<b>Day One: 9<sup>th</sup> July 2012</b>			
13.45	Registration and coffee	Centre for Mathematical Sciences Foyer	
<b>14.05</b>	<b>Welcome</b>	Graham Burton	University of Cambridge
14.10-15.30	Delegate presentations		
<b>15.30-15.45</b>	<b>Break</b>		
15.45-17.00	Delegate presentations		
19.00	Dinner (optional)	Magdalene College Hall	
<b>Day Two: 10<sup>th</sup> July 2012</b>			
<b>08.30</b>	<b>Tea/Coffee</b>		
<b>9.00</b>	<b>Themed Session: Hypoxia; sensing and consequences</b>		
	Morning Chair:	Steve Charnock-Jones	University of Cambridge
09.00-09.45	Role of HIFs in oxygen sensing	Randall Johnson	University of Cambridge
09.45-10.30	Evolution of HIFs in the Tibetan population	Peter Robbins	University of Oxford
<b>10.30-11.00</b>	<b>Break</b>		
11.00-11.45	Oxygen sensitive ion channels	Paul Kemp	Cardiff University
11.45-12.30	The impact of hypoxia on protein metabolism in the secretory pathway	David Ron	University of Cambridge
<b>12.30-14.00</b>	<b>Lunch</b>		
<b>14.00</b>	<b>Themed Session continued</b>		
	Afternoon Chair:	Miguel Constanca	University of Cambridge
14.00-14.45	The generation of reactive oxygen species during hypoxia and their impact on mitochondrial function	Mike Murphy	MRC Mitochondrial Biology Unit
14.45-15.30	The effects of hypoxia on the notch pathway and maintenance of stem cells	Lorenz Poellinger	Karolinska Institutet, Sweden
<b>15.30-16.00</b>	<b>Break</b>		
16.00-16.45	Hypoxia and the regulation of protein synthesis	Chris Proud	University of Southampton
16.45-17.30	Reflections on the placenta and hypoxia	Graham Burton	University of Cambridge
<b>17.30</b>	<b>Event close</b>	Graham Burton	