

**2025 Frontiers and Challenges in Transplantation Update Course**  
**National Convention Centre Canberra**  
**Preliminary Program**

**Saturday 21 June 2024**

**Block 1: What's hot in transplantation**

08:30-10:00  
08:30-08:35 Welcome  
08:35-08:55 What's hot? (Clinical)  
08:55-09:15 What's hot (Basic)  
09:15-09:35 Molecular tools in clinical research and healthcare  
09:35-10:00 TBC

10:00-10:30 **Morning Tea**

**Block 2: The donor: Trends in donation and organ quality**

10.30 - 12.30  
10:30-10:45 Introduction to organ donation and the donor  
10:45-11:10 Desensitising the recipient  
11:10-11:30 Reviving sub-optimal organs  
11:30-11:50 Case presentation: reviving a VAD kidney  
11:50-12:30 Panel discussion: voluntary assisted dying (VAD) organ donation in Australia

12:30-13:30 **Lunch**

**Block 3: Experimental and translational science**

13:30-15:00  
13:30-13:50 Introduction to the allo-response and tolerance  
13:50- 14:05 Donor specific tolerance in non-human primates  
14:05-14:20 Tissue resident immune cells in transplantation  
14:20-14:35 The influence of microbiome on transplant outcomes  
14:35-15:00 Panel discussion: Career development

15:00-15:30 **Afternoon Tea**

**Block 4: Recipient: 70 is the new 50, or is it?**

15:30-17:30  
15:30-15:50 Assessing frailty in the recipient OR personalising treatment with age (TCB)  
15:50-16:05 Surgical considerations in older recipients  
16:05-16:20 Managing cancers in transplant recipients  
16:20-16:35 Infection risk in older recipients  
16:35-16:50 Cardio-metabolic considerations and kidney failure in older recipients  
16:50-17:30 Panel discussion: how old is too old?