

Centre for Drug Research Blood-Brain Barrier Workshop



USM UNIVERSITI
SAINS
MALAYSIA



SOARING
UPWARDS
MALAYSIAN HIGHER EDUCATION



centre for drug research

Contact us at:
sryusof@usm.my

Nov 15-16, 2017
USM Penang



- Talks by CDR USM BBB experts
- HANDS-ON isolation of cerebral microvessels
- Primary brain endothelial cell culture
- *In vitro* BBB model set up and permeability assays

9 seats
only!!!
RM 1800
per pax



PROGRAMME

DAY 1- Wednesday, Nov 15

8:00 am	Registration @ CDR
8:30 am	Brief introduction on cerebral microvesel isolation protocol
9:00 am	Breakfast
9:30 am	Start of hands-on microvessel isolation
2:00 pm	Lunch
3:00 pm	Continuation of hands-on microvessel isolation
5:00 pm	Tea, end of Day 1

Venue

Centre for Drug Research (CDR),
USM Penang

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Centre for Drug Research (CDR),
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PROGRAMME

CDR
BBB
Workshop
2017

DAY 2- Thursday, Nov 16

8:30 am	Talk on <i>in vitro</i> models of the blood-brain barrier (BBB) - Dr. Siti Rafidah Yusof (CDR, USM)
9:30 am	Breakfast
10:00 am	Demonstration of: primary brain endothelial cell thawing, cell passaging, <i>in vitro</i> BBB model set up, measurement of transendothelial electrical resistance
1:00 pm	Lunch
2:00 pm	Demonstration of BBB permeability assay
3:00 pm	Talk on <i>in vivo</i> technique to measure BBB permeability - Dr. Juzaili Azizi (CDR, USM)
4:00 pm	Discussion
5:00 pm	Tea, end of workshop