

장소: 제주 부영리조트

날짜: 2020 년 10 월 8 일(목)

Thursday, October 8, 2020	
09:00 - 09:10	Opening Address (한진: 미토콘드리아 학회 회장)
<b>Session 1</b>	Molecular aspects of mitochondria and diseases Chairperson: TBA
	<b>Mapping the mitochondrial proteome in aging and disease</b> 서재명
09:10 - 09:30	카이스트 의과학대학원 <b>Mitochondrial glutamine transport and cancer</b> 한정민
09:30 - 09:50	연세대학교 <b>Mitochondria and innate host defense</b> 조은경
10:10 - 10:30	충남대학교
10:30 - 11:00	Coffee Break (+ Poster Viewing)
<b>Session 2</b>	Mitochondria in inter- and intra-cellular communications Chairperson: TBA
	<b>Nuclear-encoded N-formylmethionyl proteins in cancer cells</b> 황철상
11:00 - 11:20	포스텍 생명과학과 <b>Caspase 9 is essential for autophagosome maturation through regulation of mitochondrial homeostasis</b> 유성운
11:20 - 11:40	<b>DGIST</b>

**Evolutionary relationship between two endosymbiotic organelles, mitochondria and chloroplasts, elucidated by the protein targeting mechanisms**

**황인환**

11:40 - 12:00

**포스텍 생명과학과**

---

12:00 - 13:30

Lunch

---

---

**Session 3**

Presidential lecture

Chairperson: 한진 (미토콘드리아 학회 회장)

---

13:30 - 14:10

**Cell autonomous and non-autonomous regulation of mitochondrial proteostasis in mammal 송민호충남대학교 의과대학**

---

---

**Session 4**

Recent progress on mitochondria in biology and medicine

Chairperson: TBA

---

14:10 - 14:30

**Stem cells and mitochondrial diseases**

**김재호**

**부산대학교 의과대학**

---

14:30 - 14:50

**Lactation improves pancreatic  $\beta$  cell mass and function through serotonin production**

**김하일**

**카이스트 의과학대학원**

---

14:50 - 15:10

**Growth differentiation factor 15 protects against aging-mediated systemic inflammatory response in humans and mice**

**이현승**

**충남대학교 의과대학**

---

15:10 - 15:40

Coffee Break (+ Poster Viewing)

---

	Mitochondria as clinical focal points
<b>Session 5</b>	Chairperson: TBA
	<b>Mitochondrial diabetes and mitochondrial DNA mutant load in MELAS</b>
	채현욱
15:40 - 16:00	연세대학교 의과대학
	<b>Mitochondrial DNA mutant load of A3243G mutation and clinical correlation in neurology</b>
	이하늘
16:00 - 16:20	연세대학교 의과대학
	<b>Effectivity and safety of corpus callosotomy to intractable epilepsy of mitochondrial dysfunction</b>
	나지훈
16:20 - 16:40	이화여자대학교 의과대학
16:40 - 17:00	Closing remarks