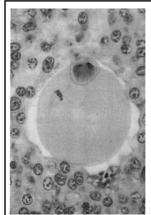


A fertile egg underpins embryo development

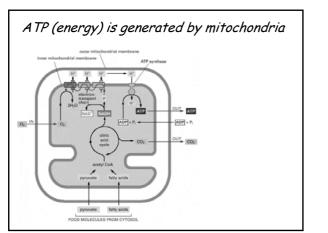
De Generatione Animalium

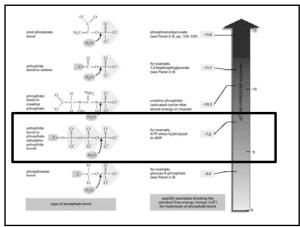


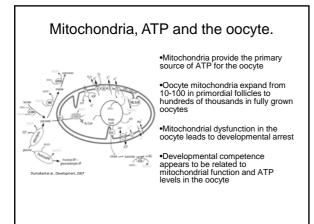
Reasons why a healthy egg is important:

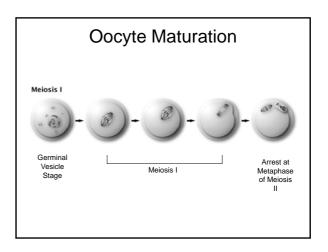
- Needs to support fertilization.
- 2. 3.
- Undergoes meiosis I and II Provides mRNA and proteins to support early embryo development It provides all organelles to
- 4
- support embryo development. It provides the source of all mitochondria in an individual 5.

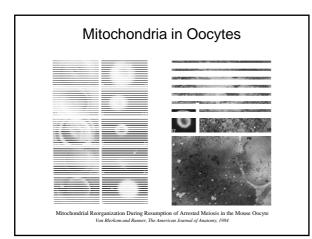
*Mitochondria* = *Energy* 

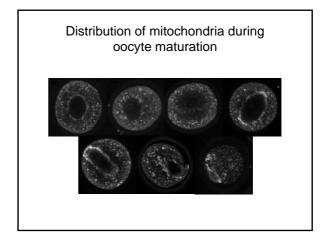


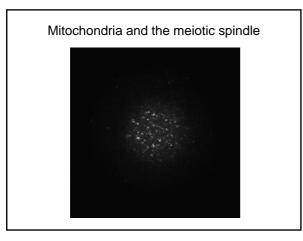


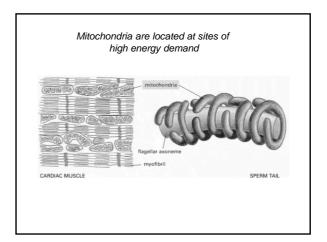


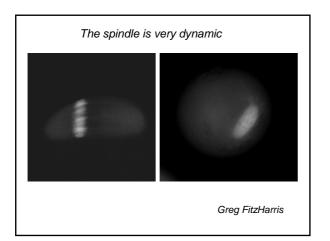


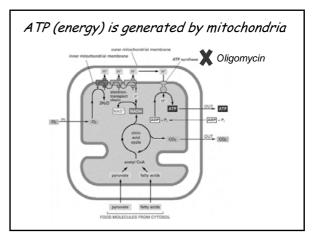


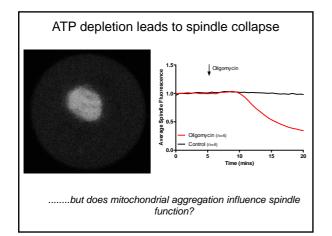


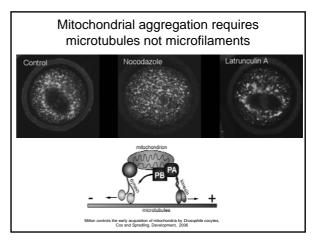


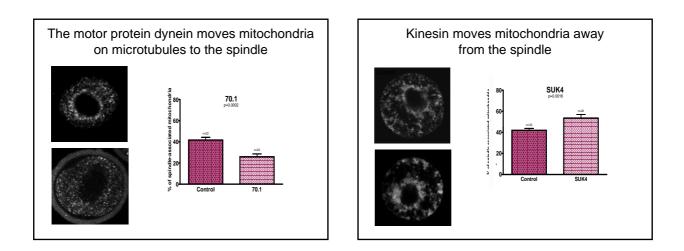


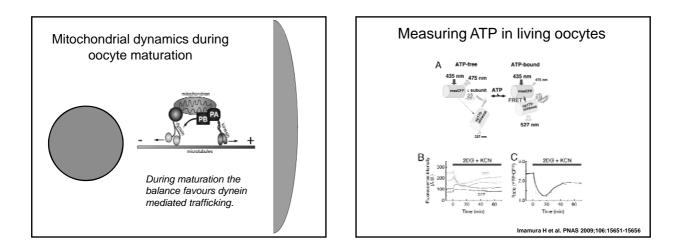


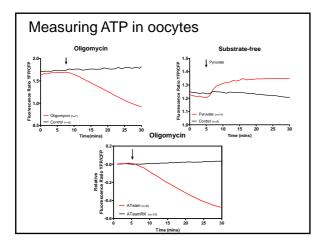


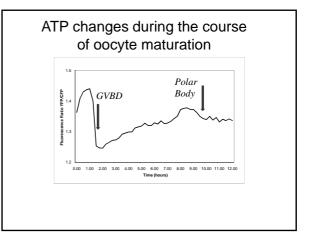


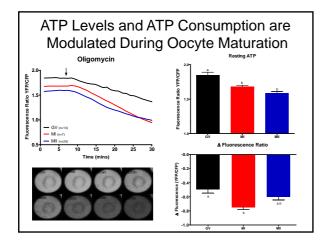


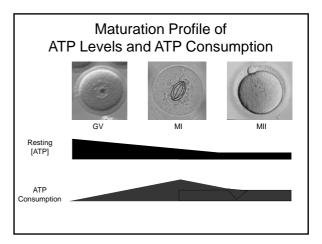


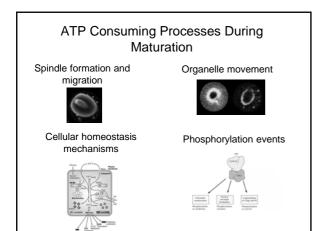


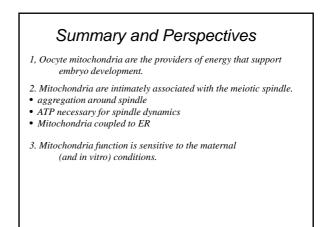












## Featuring the work of.....

Petros Marangos – Calcium signalling and GFP-cyclin Greg FitzHarris – ER organization and mitosis Guillaume Halet – PH-GFP, PKC-GFP Caroline Dalton – ATP and mitochondria Remi Dumollard – Mitochondrial physiology Tasos Siskoglou – Nuclear PI signalling Sophie Brind – InsP3 R downregulation Rachel Webb – cAMP in meiosis

Collaborators:	mark larman
	karl swann
	tony lai
	keith jones
	michael duchen
	tomo kono