**Lecture 1 Wednesday 4-7**

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| **Groups** | **Title of Report** |
| **First Batch (Dec. 22-25, 2021)** | |
| Castillo, Jewell Lawrence O.; Ching, Geanine Renee C.; Flores, Ruth Maxine C | Oogenesis  Molecular control of oogenesis. *Biochimica Et Biophysica Acta (BBA) - Molecular Basis of Disease*, *1822*(12), 1896–1912. |
| Aumentado, Bergonio, Carpio | Spermatogenesis  Johnson et al. 2014 Efficiency of Spermatogenesis |
| Ella Delos Santos and Cherry Pie Hernandez. | Spermatogenesis  **Mechanisms of spermiogenesis and spermiation and how they are disturbed.**  O’Donnell, L. (2014). Mechanisms of spermiogenesis and spermiation and how they are disturbed. *Spermatogenesis*, *4*(2), e979623. |
| Añover, Arenas, Bernardo | Fertilization  IVF in mammals  In vitro fertilization (IVF) in mammals: epigenetic and developmental alterations. Scientific and bioethical implications for IVF in humans  Ventura-Junca et al. BioRes (2015) 48:68 |
| **Second Batch (Dec. 26-29, 2021)** | |
| Cepeda, Dimatatac and Mangubat | Blastula/cleavage  Diversity of germ layer and axis formation among mammals Guy S. Eakin, Richard R. Behringer∗ |
| BALDOVINO, Jorlyn Anne G.; BANTOLINO, Irish Jem R.; and PITOGO, Ivan Angelo A. | Gastrulation  Reassembling gastrulation. *Developmental Biology, 474,* 71-81. |
| Elyzha Joyce Crave, Mark Angelo Del Rosario, and Angelica Dela Cruz | Neurulation  Contributions of the chick embryo and experimental embryology to understanding the cellular mechanisms of neurulation GARY C. SCHOENWOLF\* |
| **Third Batch (Dec. 30, 2021 – Jan. 2, 2022)** | |
| Leann Alanano; Danica Agtarap; Lauriz Avenido | Organogenesis  Forni et al., 2012 - Stem cells in embryonic skin development |
| Guese, Jan Mackenzie G.  Estanislao, Patrizia Marie S.  Hermino, Svethlana Marie M. | Organogenesis of the Musculoskeletal System in Horse Embryos and Early Fetuses (Barreto et al., 2016) |
| Doringo, Gapayao, Santiago | Organogenesis  Molecular Embryology of the Foregut Sandrine Faure and Pascal de Santa Barbara |
| Jannie Nikolai Alquero | Organogenesis  Title: Development of the heart: (1) formation of the cardiac chambers and arterial trunks Author and Year of Publication: Moorman et al. (2003) Link of Article: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1767747/ |