DAFTAR PUSTAKA

Alava, V. R., Kanazawa, A., Teshima, S., and Koshio, S. 1993. Effects of Dietary Vitamins A, E, and C on the Ovarian Development of Penaeus japonicus. *Nippon Susian Gakkaishi*. 59(7): 1235-1241.

Antoni, D., Helene, B., Elodie, J., and Georges, N. 2015. Three-Dimensional Cell Culture: A Breakthrough *in vivo*. *International Journal of Molecular Science*. 16: 5517-5527.

Aurora, M. 2013. A Culture Media: A Review. *Material and Method Journal*. 3(175).

Black, J.L. and Burggren, W.W. 2004. Acclimation to Hypotermic Incubation in Developing Chicken Embryos (*Gallus domesticus*). *The Journal of Experimental Biology*. 207: 1543-1552.

Bruno, J.B, M.H.T. Matos, R.N. Chaves, J.J.H. Celestino, M.V.A. Saraiva, I.B. Lima-Verde, V.R. Araújo, and J.R. Figueiredo. 2009. Angiogenic Factor and Ovarian Follicle Development. *Animal Reproduction*. 6(2): 371-379.

Budiharjo, A. 2002. Histopathological assesment of gonadal tissue in wild fishes. *Fish Physiol Biochem*. 26: 85-100.

Cushman R.A, Wahl C.M, and Fortune J.E. 2002. Bovine ovarian cortical pieces grafted to chick embryonic membranes : A model for studies on the activation of primordial follicles. *Human Reproduction*. 17: 48-54.

Datar, S., and R.R. Bhonde. 2005. Shell-less Chick Embryo Culture as an Alternative In Vitro Model to Investigate Glucose-Induced Malformations Immamalian Embryos. *The review of Diabetic Studies*. 2: 221-227.

Dohle, D.S., Pasa, S.D., Gustmann, S., Laub, M., Wissler, J.H., Jennissess, H.P., and Dunker, N. 2009. Chick ex ovo culture and ex ovo CAM assay: how it really works. *Journal of Visualized Experiment*. 30(33).

Dorrel, Michael I., Marcacci, M., Bravo, S., Kurz, T., Tremblay, J., and Rusing, J.C. 2012. Ex Ovo Model for Directly Visualizing Chick Embryo Development. *The American Biology Teacher*. 74(9): 628-634.

Drive, R., Ridge, P., and Illinois. 2006. *Egg Product Refference Guide*. New York: American Egg Board.

Dudusola, I. O. 2010. Comparative evalution of internal and external qualities of eggs from quail and guinea fowl. *International research journal of plant science*. 1(5): 112-115.

Dunn, B.E., Fitzharris, T.P., and Barnett, B.D. 1981. Effect of Varying Chamber Construction and Embryo Pre-Incubation Age on Survival and Growth of Chick Embryos in Shell-less Culture. *The Anatomical Record*. 199: 3-43.

Dupertuis, Y.M. Florence, D., Marie, C., and Claude, P. 2015. *In ovo* method for evaluating the effect of nutritional therapies on tumor development, growth and vascularization. *Clinical Nutrition Experimental*. 2: 9-17.

Gil, C. V. 2003. *Effect of Nutrition on Follicle Development and Ovulation Rate in the Ewe*. Upssala: University of Agricultural Science.

Guerin-Dubiard, C., M. Pasco, D. Molle, C. Desert, T. Croguennec, and F. Nau. 2006. Proteomic analysis of hen egg white. *Agric. Food Chem.* 54: 3901-3910.

Hammamichi, S and Nishigori, H. 2001. Establishment of a chick embryo shell-less culture system and its use to observe change in behavior caused by nicotine and substances from cigarette smoke. *Toxicol Lett*. 119(2): 95-102.

Holzmann, P. Eugenia N.M., Hannes Z., Florian H., Monika P., Michael M., Florian G.W and Stefan N. 2010. Investigation of bone allografts representing different steps of the bone bank procedure using the CAM-model. *ALTEX*. 27: 97–103.

Huang, W., Fumihito A., and Tomohiro K. 2015. Egg in cube: Design and Fabrication of a Novel Artificial Egshells with Functionalized Surface. *PloS ONE*. 10(3).

Jaqueline, P. Y. R. Miles and M.F. Ben. 2000. *Kualitas Telur, Jasa Ekstensi Koperasi, Lembaga Ilmu Pangan Dan Pertanian.* Universitas Florida. Gainesvile.

Joseph, Nancy. 2006. Can Eggshell Quality be Determined by Shell Colour?. *Poultry Research Centre News*. 7(2).

Kain, Kristin, H., James W.I. Miller, Celestial R. Jones-Paris, Rebecca T. Thomason, John D. Lewis, David M. Bader, Joey V. Barnett, and Andries Zijlstra. 2014. The Chick Embryo as an Expanding Experimental Model for Cancer and Cardiovascular Research. *Public Medical Clinic.* 243(2): 216-228.

Kaipparettu, Benny A., Isere K., Bonita Tak-Yee C., Meju B., Adrian V. Lee, and Steffi Oesterreich. 2008. Novel egg white-based 3-D cell culture system. Journal of *BioTechniques*. 45: 165-171.

King'ori, A.M. 2011. Review of the Factors That Influence Egg Fertility and Hatchability in Poultry. *Poult Sci*. 10(6): 483-492.

La, Scala Jr. N., Boleli I.C., Ribeiro L.T., Freitas D., Macari M. 2000. Pore Size Distribution in Chicken Eggs as Determined by Mercury Porosimetry. *Poultry Science*. 2(2).

Leese, H.J, Joe, C. Karen, L.M, and Kate, H. 1993. Early Human Embryo Metabolism. *BioEssays*. 15: 259-264.

Loh Q.L, and Choong C. 2013. Three-Dimensional Scaffolds for Tissue Engineering Applications: Role of Porosity and Pore Size. *Tissue Engineering Part B, Reviews*. 19(6): 485-502.

Lourens, A. 2001. The Importance of Air Meteorology in Animal Production. *Biomet*. 2: 139-156.

_____ Van D.B., Meijerhof and B. Kemp. 2005. Effect of Eggshell Temperature during Incubation and Embryo Development, Hatchability and Post-hatch Development. *Poult Sci*. 84: 914-920.

Luo, J. And Redies, C. 2005. Ex Ovo Electroporation for Gene Transfer Into Older Chicken Embryo. *Developmental Dynamics*. 233:1470-1477.

Murakami, Masahiro and Michael, S. 2008. Fibroblast growth factor of neovascularization. *National Institute of Health*. 15(3): 215-220.

Martinez-Madrid, B., Jacques, D, Anne-Shoppie, V.E., Almudena, V.L., Marie-Madeleine, D., Anne V.L. 2009. Chick embryo chorioallantoic membrane (CAM) model: a useful tool to study short-term transplantation of cryopreserved human ovarian tissue. *Gynecology*. 91: 286-292.

Mc. Gee E.A and Hsueh A.J.W. 2000. Initial and Cyclic Recruitment of Ovarian Follicles. *Endocrine Review*. 21: 200-214.

Mescher, A. L. 2010. *Histologi Dasar*. Jakarta: EGC.

Moreno-Jiménez1, Inés, Gry Hulsart-Billstrom1, Stuart A. Lanham, Agnieszka A. Janeczek1,Nasia Kontouli2, Janos M. Kanczler1, Nicholas D. Evans1 & Richard OC Oreffo. 2016. The chorioallantoic membrane (CAM) assay for the study of human bone regeneration: a refinement animal model for tissue engineering. *Scientific Reports*. 6: 32168.

Nagahama, Y., 1987. 17α, 20β-Dihydroxy-4-pregnen-3-one : a teleost maturation inducing hormone. *Development Growth and Differentiation*. 29: 1-10.

Nakage, ES., Cordozo JP., Pereira GT, Queiroz SA., and Boleli IC. 2003. Effect of temperature on incubation period, embryionic mortality, hatch rate, egg water loss and patridge chick weight (*Rhynchotus rufescens*). *Poultry Science*. 5(2).

Oren, I., Sarel J. F., Amit K., and Nir, B. 2004. Free Diffusion of Steroid Hormones Across Biomembranes: A Simplex Search with Implicit Solvent Model Calculations. *Biophysical Journal*. 87: 768-779.

Rahn, H., Paganelli CV., Ar A. 1979. How bird eggs breath. *Scientific American*. 240: 46.

Ribatti, D. 2008. Chick embryo chorioallantoic membrane as a useful tool to study angiogenesis. *Cell Moll Biol*. 270: 181-224.

Sato T, Katagiri K, Yokonishi T, Kubota Y, Inoue K, Ogonuki N, Ogura A, Kubota Y, Ogawa T. 2011. In vitro production of functional sperm in cultured neonatal mouse testes. *Nature*. 471: 504–507.

Suryani, R. 2015. *Beternak puyuh di pekarangan tanpa bau.* Yogyakarta: Arcitra.

Swastika, O., Wijayanti, N., and Retnoaji, B. 2017. Anti-angiogenic Effect of Artocarpus heterophyllus Seed Methanolic Extract in Ex Ovo Chicken Chorioallantoic Membrane. *Tropical Biomedicine*. 7(3): 240-244.

Tabecka-Lonczynska, A., Mytych, J., Solek, P., Kulpa-Greszta, M., Sowa-Kucma, M., Koziorowski, M. 2018. Vascular endothelial growth factor (VEGF-A) and fibroblast growth factor (FGF-2) as potential regulators of seasonal reproductive processes in male European bison (Bison bonasus, Linnaeus 1758). Journal of *General and Comparative Endocrinology*. 502.

Tahara, Y., and Obara, K. 2014. A Novel Shell-less Culture System for Chick Embryos Using a Plastic Film as Culture Vessels. *Japan Poultry Science Association*. 51(3).

Tufan, A.C., Akdogan, I., and Adiguzel, E. 2004. Shell-less Culture of the Chick Embryo as a Model System in the Study of Developmental Embryology. *Neuroanatomy*. 3: 8-11.

Uematsu, E., Sachio T., Hidemi O., Bin T., Toshie S., Takahisa Y., Sueo N., and Hideaki Y. 2014. Use of In Ovo Chorioallantoic Membrane Engraftment to Culture Testes From Neonatal Mice. *American Association for Laboratory Animal Science*. 64(4): 1-6.

Vargas, A., Ziesser-Labouebe, M., Lange, N., Gurny, R., and Delie, F. 2007. The Chick Embryo and its Chorioallantoic Membrane (CAM) for the In Vivo Evaluation of Drug Delivery System. *Advance Drug Delivery Review*. 59(11): 1162-1176.