

## DAFTAR PUSTAKA

- Adi-Kusumo, F., Aryati, L., Risdhayati, S., and Norhidayah, S., 2020, Hopf bifurcation on a cancer therapy model by oncolytic virus involving the malignancy effect and therapeutic efficiency, *International Journal of Mathematics and Mathematical Sciences*, vol. 2020 pp. 1-8.
- Agarwal, M. & Bhadauria, A. S., 2011, Mathematical modeling and analysis of tumor therapy with oncolytic virus, *Applied Mathematics*, vol.2, no.1, pp.131–140,
- Aktipis, C.A., Boddy, A.M., Jansen, G., Hibner, U., Hochberg, M.E., Maley C.C., Wilkinson, G.S., 2015, Cancer across the tree of life: cooperation and cheating in multicellularity, *Philosophical Transactions of the Royal Society B: Biological Sciences*, no.1673, vol.370.
- Arditi, R., Abillon, J.M, and da Silva, J. V., 1997, The effect of a time-delay in a predator-prey model, *Mathematical Biosciences*, no.1, vol.33, pp.107–120.
- Binatari, N., Kusumo, F.A, dan Aryati, L., 2022, Stability Regions and Bifurcation Analysis of a Delayed Predator-Prey Model Caused from Gestation Period, *Hindawi International Journal of Differential Equations*, vol.2022, pp.1-10.
- Boutry, J., Tissot, S., Ujvari, B., Capp, J.P, Giraudeau, M., Nedelcu, A.M., Thomas, F., 2022, The evolution and ecology of benign tumors, *Biochimica et Biophysica Acta*, no. 1, vol.1877, pp.1-15
- Brauer, F. & Castillo-Chavez, C., 2000, *Mathematical Models in Population Biology and Epidemiology*, Springer-Verlag, USA.
- Celik, C., 2008, the stability and Hopf bifurcation for a predator prey system with time delay, *Chaos, Solitons & Fractals*, vol.37, no.1, pp.87–99.
- Chiocca, E.A., 2002, Oncolytic Viruses, *Nature Publishing Group*, vol.2, no.12, pp.938-950

- Coffin, R., 2016, Interview with Robert Coffin, inventor of T-VEC: The first oncolytic immunotherapy approved for the treatment of cancer. *Immunotherapy*, vol.8, no.2, pp.103–106.
- Dunham, W, 1991, Euler and the Fundamental Theorem of Algebra, *The College Mathematics Journal*, vol.22, no.4, pp.282-293.
- Erneux, T., 2009, *Applied Delay Differential Equations*, Springer Science+Business Media, New York.
- Gegechkori, N., Haines, L., & Lin, J. J, 2017, Long-Term and Latent Side Effects of Specific Cancer Types. *The Medical clinics of North America*, vol.101, no.6, pp.1053–1073.
- Haberman, R., 1977, *Mathematical models in mechanical vibrations, population dynamics, and traffic flow*, Prentice-Hall, Inc., New Jersey
- Hale, J. K., & Lunel, S. M. V., 1993, *Introduction to Functional Differential Equations (Vol. 99)*, Springer New York.
- Hyuna, S., Ferlay, J., Siegel, R.L., Laversanne, M., 2021, Global Cancer Statistics 2020: GLOBOCAN Estimates of Incidence and Mortality Worldwide for 36 Cancers in 185 Countries, *CA: A Cancer Journal for Clinicians*, vol.71, no.3, pp.209–249.
- Jüngel, A., 2010, Diffusive and nondiffusive population models, *In Mathematical modeling of collective behavior in socio-economic and life sciences*, pp.397-425
- Kar, T.K., 2007, Dynamics of a ratio-Dependent Prey-Predator System with Selection Harvesting of Predator Species, *Journal Applied Mathematics*, vol.23, pp. 385-395.
- Kuznetsov, Y.A., 1995, *Elements of Applied Bifurcation Theory*, Springer-Verlag New York, Inc.
- Lawler, S.E., Speranza M., Cho C., Chiocca, E.A., 2017, Oncolytic Viruses in Cancer Treatment: A Review. *JAMA Oncol*, no.3, vol.6, pp.841–849.

- Li, Q., Tan, F, Wang, Y., Liu, X., Kong, X., Meng, J., Yang, L., Cen, S., 2022, The gamble between oncolytic virus therapy and IFN. *Front Immunol*, vol.13.
- Lotka, A. J., 1910, Contribution to the theory of periodic reactions, *Journal of Physical Chemistry*, no.3, vol.14, pp.271–274.
- Meiliana, A., Dewi, N. M., & Wijaya, A. 2016. Cancer immunotherapy: A review. *The Indonesian Biomedical Journal*, no.1, vol.8, pp.1–20.
- Mullen & Tanabe, 2002, Viral Oncolysis, *The Oncologist*, vol.07, pp 106-119.
- Mulero-Martinez, J. I., 2015, Modified Schur-Cohn criterion for stability of delayed systems, *Mathematical Problems in Engineering*, vol.2015, pp.1-7
- Novozhilov, A.S., Berezovskaya, F.S, Koonim, E.V, Karev, G.P, 2006, Mathematical Modeling of Tumor Therapy with Oncolytic Viruses: Regimes with Complete Tumor Elimination within the Framework of Deterministic Models, *Biology Direct*, vol.1, no.1, pp.6.
- Olsder, G.J., 1994, *Mathematical System Theory*, Delft University press.
- Perko, L., 2001, *Differential Equations and Dynamical System, Third Edition*, New York: Springer-verlag Berlin Heidelberg.
- Pontryagin, L.S., 1955, On the zeros of some transcendental functions, *American Mathematical Society Translations: Series 2*, vol.1, pp.95–110.
- Raffoul, Y.N., 2023, *Advanced Differential Equations*, Academic Press, USA.
- Sahu, M., & Suryawanshi, H., 2021, Immunotherapy: The Future of Cancer Treatment. *Journal of Oral and Maxillofacial Pathology*, no. 2, vol. 25, pp. 371.
- Samaniego, M.M., Diana, M.B., Ernesto, A.H., Miguel I.H., 2020, Strategies for Targeting Gene Therapy in Cancer Cells With Tumor-Specific Promoters, *Frontiers in Oncology*, vol. 10.
- Smith, H., 2011, *An Introduction to Delay Differential Equations with Applications to the Life Sciences*, Springer New York Dordrecht Heidelberg London.

Soebagjo, H. D., 2019, *Onkologi Mata*, Airlangga University Press.

Wodartz, D., 2001, Viruses as Antitumor Weapons, Defening Conditions for Tumor Remession, *Cancer Research*, vol.61, no.8, pp.3501-3507

Yu, W. & Fang, H., 2007, Clinical trials with oncolytic adenovirus in China. *Current Cancer Drug Targets*, vol.7, no.2, pp.141–148.

Zhang, X and Liu, Z., 2021, Hopf bifurcation analysis in a predator prey model with predator-age structure and predator-prey reaction time delay, *Applied Mathematical Modelling*, vol.91, pp.530–548