



## **DAFTAR PUSTAKA**

- Anissimov, Y. G. and Roberts, M. S., 2009, Diffusion Modelling of Percutaneous Absorption Kinetics: 4. Effects of a Slow Equilibration Process Within Stratum Corneum on Absorption dan Desorption Kinetics, *Journal of Pharmaceutical Sciences*, 2, 98, 772-781.
- Bharadwaj, S., Garg, V. K., Sharma, P. K., Bansal, M., and Kumar, N., 2011, Recent Advancement in Transdermal Drug Delivery System, *International Journal of Pharma Professional's Research*, 2, 1, 212-219.
- Berg, H. C., 1993, *Random Walks in Biology*, Princeton University Press, New Jersey.
- de Monte, F., Pontrelli, G., and Becker, S. M., 2015, *Transdermal Drug Delivery and Percutaneous Absorption : Mathematical Modelling Perspectives*, Becker, S. M., and Kuznetsov, A. V., *Heat Transfer and Fluid Flow in Biological Processes*, Elsevier., Oxford.
- Farlow, S. J., 1982, *Partial Differential Equations for Scientist and Engineers*, John Wiley and Sons, Inc., New York.
- Hanna, J. R., and Rowland, J. H., 1990, *Fourier Series, Transforms, and Boundary Value Problems*, John Wiley and Sons, Inc., New York.
- Humi, M. and Miller, W. B., 1992, *Boundary Value Problems and Partial Differential Equations*, PWS-Kent, Boston.
- Martins, A., 1995, *Physical Pharmacy*, Fourth Edition, B.I. Waverly Pvt Ltd., New Delhi.
- Pinsky, M. A., 1998, *Partial Differential Equations and Boundary Value Problem with Applications*, McGraw-Hill, Boston.



Pontrelli, G. and de Monte, F., 2014, A two-phase two-layer model for transdermal drug delivery and percutaneous absorption, *Mathematical Biosciences*, 257, 96-103.

Prausnitz, M. R. and Langer, R., 2008, Transdermal drug delivery, *Nature Biotechnology*, 11, 26, 1261-1268.

Roberts, M. S., Cross, S. E., and Pellett, M. A., 2002, *Skin Transport*, Walters, K.A., *Dermatological and Transdermal Formulations*, Marcel Dekker, New York.

Ross, S. L., 1984, *Differential Equations*, Third Edition, John Willey and Sons, Inc., New York.

Sangren, W. C., 1953, *Differential Equations with Discontinuous Coefficients*, Oak Ridge, Tennessee.

Simon, L. and Loney, N. W., 2005, An analytical solution for percutaneous drug absorption : Application and removal of the vehicle, *Mathematical Biosciences*, 197, 119-139.

Taylor, A. E. and Man, W. R., 1983, *Advanced Calculus*, Third Edition, John Willey and Sons., New York.

Walters, K. A. and Roberts, M. S., 2002, *The Structure and Function of Skin*, Walters, K.A., *Dermatological and Transdermal Formulations*, Marcel Dekker, New York.