

## SYMPOSIUM ON COMPUTATIONAL PHARMACOKINETICS

### TRACK NUMBER 600

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### ABSTRACT

The subject of computational pharmacokinetics is exemplified (but not limited) with transdermal drug delivery (TDDD) modelling where different numerical approaches are considered taking into account various drug application methods and drug penetration and distribution dynamics affected by a number of physical and biochemical processes modelled both at macro and micro levels.

### REFERENCES

- [1] “Heat Transfer and Fluid Flow in Biological Processes,” Ed. by S. Becker and A. Kuznetsov, Academic Press, 2015.
- [2] Mitragotri, S., et al “Mathematical Models of Skin Permeability: An Overview,” International Journal of Pharmaceutics, 418, 115-129, 2011.