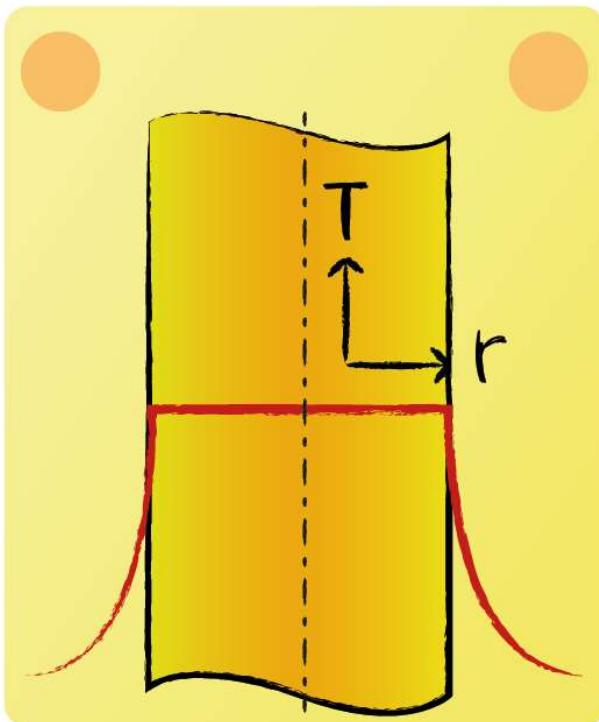


## Lecture 10 - Question 2



Consider the situation as in the figure. Which statement is true?



The conductive resistance inside the body is much smaller relative to the convective resistance outside the body.

The temperature inside the body does not vary significantly, while the body is cooling down. Implying that  $Bi \ll 1$ . When  $Bi \ll 1$ ,  $R_\lambda \ll R_\alpha$ .