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is the transfer of thermal energy at the microscale level. There are two types of microscale heat transfer [3]: (1) thermal energy transfer related to small spaces, spaces that are sized between 1 and 200 lm, and (2) thermal energy related to small time domain with frequency up to several hundred hertz. For example, in human Page 30/33

alveoli vessel that is sized around 175 lm in diameter there is only thermal energy transfer.

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