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As in other texts on biomedical transport phenomena, momentum transport is addressed before mass transport. Chapter 4 covers the flow dynamics of blood flow with emphasis given to paradigmatic relationships such as the Hagen-Poiseuille equation, as well as the non-Newtonian characteristics of blood

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heology and blood rheological models.

Basic Transport Phenomena in Biomedical Engineering, 2nd ...

Basic Transport Phenomena in Biomedical Engineering, R.L. Fournier, editor, Taylor & Francis, Philadelphia, PA, 1999, 312 pages. This is a textbook that maybe of peripheral interest to most of readers of this journal. Yet, this is a most welcome addition to the academics who work in the broader field of biomedical engineering.

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During my studies at the Danish Technical University (DTU) I specialized in biomaterials, polymer technology, biomechanics and physiological transport phenomena, as well as achieving excellent academic results in subjects such as statistics, experimental planning and biomedical product development.

Louise Løkke Nielsen - Quality Engineer - Novo Nordisk A/S ...

Another example is in biomedical engineering, where some transport phenomena of interest are thermoregulation, perfusion, and microfluidics. In chemical engineering, transport phenomena are studied in reactor design, analysis of molecular or diffusive transport mechanisms, and metallurgy.

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