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- Scalp Potentials are Proportional to the **Derivative** of the Voltage, whereas fMRI is Proportional to the **Integral** of the Firing
- The Action Potential, *per se*, Is Probably **Invisible** to BOLD
- The Rhythmic Structures in the EEG May Depend More on **Synchronous** Firing than on **High Firing Rate**

Schwann Cells

• The BOLD Signal is Likely Associated with the *Post-*Synaptic Neurons



