**Week 15-30: Luminal $q_{sR1}$ (IV) – $k_L(sR1-V)=0$ – vary $k_{p,in/out}(sR1-V)$**

### Normal Interstitium

**Free VEGF in Normal**

**Free VEGF in Calf**

**sR1-VEGF in Normal**

**sR1-VEGF in Calf**

**Free sR1 in Normal**

**Free sR1 in Calf**

- $k_{p,in/out}(sR1-V)= 0; 25\% MAX$  
  - $4.64 \times 10^{-5}$ cm/s;  
  - $9.29 \times 10^{-5}$ cm/s;  
  - $1.39 \times 10^{-5}$ cm/s;  
  - $1.86 \times 10^{-5}$ cm/s

- $k_{p,in/out}(sR1-V)= 75\% MAX$  
  - $4.64 \times 10^{-5}$ cm/s;  
  - $9.29 \times 10^{-5}$ cm/s;  
  - $1.39 \times 10^{-5}$ cm/s;  
  - $1.86 \times 10^{-5}$ cm/s

**IV infusion of sR1 during week 15-30: $h_1(sR1-V)=0$**

**IV infusion of sR1 during week 15-30: $h_1(sR1-V)=0$**

**IV infusion of sR1 during week 15-30: $h_1(sR1-V)=0$**

**IV infusion of sR1 during week 15-30: $h_1(sR1-V)=0$**

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**Figure S3. IV-Infusion of sVEGFR1: Biotransport Dependence III.**

Complete blockade of lymphatic drainage of sVEGFR1-VEGF complex; and varying vascular permeability transport of sVEGFR1-VEGF complex. Red arrow indicates net attenuation in steady-state plasma concentrations of free VEGF.