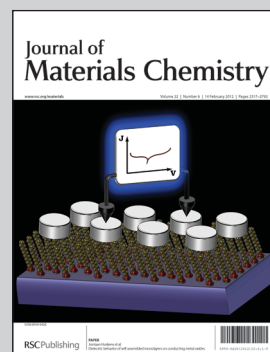


Highlighting joint research from the labs of Dr. Srinivasa R. Raghavan at the University of Maryland and Dr. Jane F. Emerson at the University of Southern California.

Title: A new method for centrifugal separation of blood components: Creating a rigid barrier between density-stratified layers using a UV-curable thixotropic gel

A DBS/acrylate gel is put forward as a superior type of separation medium for separating blood cells from serum/plasma. The material is initially a weak, physical gel and its thixotropy allows it to create a temporary barrier between these components upon centrifugation. This barrier is then converted into a hard, permanent solid by UV exposure.

As featured in:



See K. Sun *et al.*,
J. Mater. Chem., 2012, **22**, 2378.