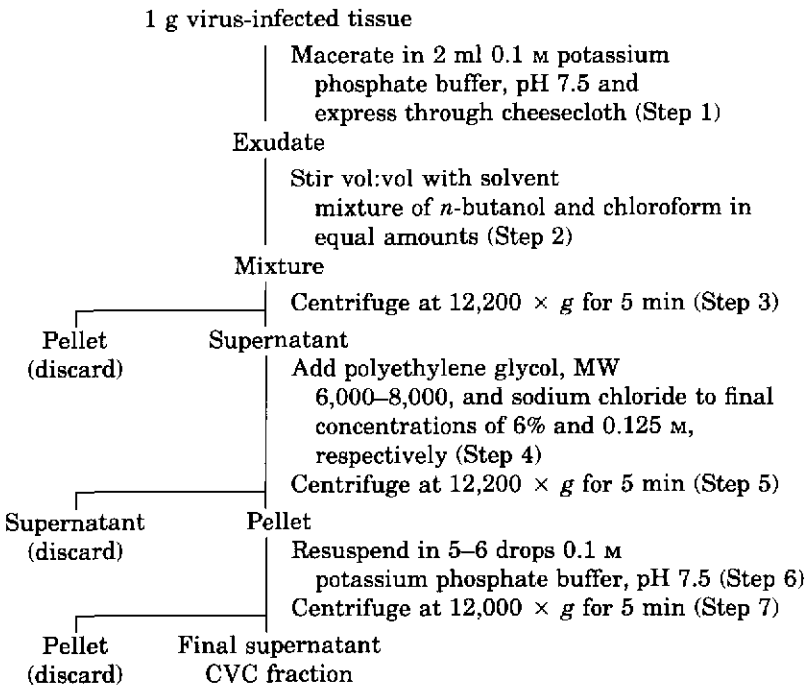


unfortunately few of them are. Rather they have been taken from uncredited data sheets, or have been passed to us by word-of-mouth. We have adapted some of them from more specific uses to serve as general techniques. As an example, the procedure for washing grids was adapted with some modification from the ISEM procedure of Derrick and Bransky (7).

Some of the procedures outlined in the appendices represent original work by the senior author (including the development of stable uranyl formate solutions), and their incorporation into useful procedures. The techniques were tested by trial and error and many that were unusable, inconvenient, or unhelpful were rejected. Sometimes we have set aside procedures that held promise, simply because we have been unable to incorporate them satisfactorily into our routines. Especially disappointing to reject were methods to improve substrates, either by making them stronger, as substituting Butvar for



**Figure 2.** Flowchart illustrating the "standard" CVC procedure. This has been the CVC procedure most often used, and serves as a basic model for the assorted variations.