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Letter to the Editor

Determination of vinorelbine in biological fluids by high-performance liquid chromatography

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Sir, we wish to respond to the recent report by Mouchard-Delmas et al. [1] about the determination of vinorelbine in rabbit plasma by high-performance liquid chromatography (HPLC). The authors cite our paper [2] regarding the first published HPLC method for the analysis of vinorelbine and desacetylvinorelbine in biological fluids and note that UV detection is not suitable for this type of analysis. We think that these remarks are deeply excessive. Our technique has allowed the determination of both parent drug and one potential metabolite in serum, urine, tissue extracts and bile. The limit of detection is 1 ng/ml and the run time is less than 6 min.

Hence, we have performed numerous pharmacokinetic studies (human and experimental), most of which were published in international journals [3–7].

In conclusion, HPLC analysis with UV detection is appropriate for pharmacokinetic studies of vinorelbine.

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