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Update of the EBF recommendation for the use of DBS in regulated bioanalysis integrating the conclusions from the EBF DBS-microsampling consortium

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#	Paper	IF	Citations
91	The effect of hematocrit on bioanalysis of DBS: results from the EBF DBS-microsampling consortium. <i>Bioanalysis</i> , <b>2013</b> , 5, 2147-60	2.1	86
90	The first 5 years of Bioanalysis: a story of growth and evolution. <i>Bioanalysis</i> , <b>2013</b> , 5, 2975-80	2.1	
89	Bioanalysis annual round-up: the bioanalysis editorial team is delighted to welcome you to this mid-year round-up. <i>Bioanalysis</i> , <b>2013</b> , 5, 2227-31	2.1	
88	Advantages and challenges of microsampling. <b>2013</b> , 6-13		
87	. 2014,		23
86	Pharmaceutical Perspectives of Use of Dried Blood Spots. <b>2014</b> , 151-159		1
85	Development of a UPLC-MS/MS method for the quantification of sildenafil by DBS, and its use on pediatric pulmonary hypertension. <i>Bioanalysis</i> , <b>2014</b> , 6, 2815-24	2.1	6
84	EBF: reflection on bioanalytical assay requirements used to support liquid microsampling. <i>Bioanalysis</i> , <b>2014</b> , 6, 2581-6	2.1	13
83	Determination of tamoxifen and endoxifen in dried blood spots using LC-MS/MS and the effect of coated DBS cards on recovery and matrix effects. <i>Bioanalysis</i> , <b>2014</b> , 6, 2999-3009	2.1	23
82	Conference report: moving forward together: "we are making progress". <i>Bioanalysis</i> , <b>2014</b> , 6, 1159-65	2.1	1
81	European Bioanalysis Forum continued plans to support liquid microsampling. <i>Bioanalysis</i> , <b>2014</b> , 6, 1897	7-29:00	9
80	Sensitive quantification of IGF-1 and its synthetic analogs in dried blood spots. <i>Bioanalysis</i> , <b>2014</b> , 6, 265	1 <u>=61</u> 2	17
79	Quantifying vemurafenib in dried blood spots using high-performance LC-MS/MS. <i>Bioanalysis</i> , <b>2014</b> , 6, 3215-24	2.1	12
78	Procedures and practices for the validation of bioanalytical methods using dried blood spots: a review. <i>Bioanalysis</i> , <b>2014</b> , 6, 2481-514	2.1	67
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76	Determination of venlafaxine and O-desmethylvenlafaxine in dried blood spots for TDM purposes, using LC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , <b>2014</b> , 406, 2349-53	4.4	30
75	Dried blood spots and their role in bioanalysis. <b>2015</b> , 194-208		

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74	Capillary blood sampling: national recommendations on behalf of the Croatian Society of Medical Biochemistry and Laboratory Medicine. <i>Biochemia Medica</i> , <b>2015</b> , 25, 335-58	2.5	39
73	Overview of <b>P</b> Omics Technologies for Military Occupational Health Surveillance and Medicine. <i>Military Medicine</i> , <b>2015</b> , 180, 34-48	1.3	11
72	A device for dried blood microsampling in quantitative bioanalysis: overcoming the issues associated blood hematocrit. <i>Bioanalysis</i> , <b>2015</b> , 7, 653-9	2.1	133
71	Applying dried blood spot sampling with LCMS quantification in the clinical development phase of tasquinimod. <i>Bioanalysis</i> , <b>2015</b> , 7, 179-91	2.1	4
70	Dried blood spots for monitoring and individualization of antiepileptic drug treatment. <i>European Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 75, 25-39	5.1	32
69	Implementing dried blood spot sampling for clinical pharmacokinetic determinations: considerations from the IQ Consortium Microsampling Working Group. <i>AAPS Journal</i> , <b>2015</b> , 17, 292-300	3.7	43
68	Potential missing steps for a wide use of dried matrix spots in biomedical analysis. <i>Bioanalysis</i> , <b>2015</b> , 7, 2375-2385	2.1	9
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66	Hematocrit-independent recovery of immunosuppressants from DBS using heated flow-through desorption. <i>Bioanalysis</i> , <b>2015</b> , 7, 2019-29	2.1	18
65	Novel membrane devices and their potential utility in blood sample collection prior to analysis of dried plasma spots. <i>Bioanalysis</i> , <b>2015</b> , 7, 1987-2002	2.1	30
64	The use of mass spectrometry to analyze dried blood spots. <i>Mass Spectrometry Reviews</i> , <b>2016</b> , 35, 361-4	13/8	143
63	Capillary Microsampling of Mouse Blood in Early Pre-Clinical Studies: A Preferred Alternative to Dried Blood Spot Sampling. <i>Journal of Bioanalysis &amp; Biomedicine</i> , <b>2016</b> , 08,	1	2
62	Clinical feasibility of dried blood spots: Analytics, validation, and applications. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2016</b> , 130, 231-243	3.5	79
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60	Development of a prototype blood fractionation cartridge for plasma analysis by paper spray mass spectrometry. <i>Clinical Mass Spectrometry</i> , <b>2016</b> , 2, 18-24	1.9	24
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57	Dried blood spots analysis with mass spectrometry: Potentials and pitfalls in therapeutic drug monitoring. <i>Clinical Biochemistry</i> , <b>2016</b> , 49, 1035-46	3.5	77

56	Multiplexed longitudinal measurement of protein biomarkers in DBS using an automated SISCAPA workflow. <i>Bioanalysis</i> , <b>2016</b> , 8, 1597-1609	2.1	33
55	DBS-LC-MS/MS assay for caffeine: validation and neonatal application. <i>Bioanalysis</i> , <b>2016</b> , 8, 1893-902	2.1	14
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44	Dried matrix spots and clinical elemental analysis. Current status, difficulties, and opportunities. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2018</b> , 99, 75-87	14.6	36
43	Extractability-mediated stability bias and hematocrit impact: High extraction recovery is critical to feasibility of volumetric adsorptive microsampling (VAMS) in regulated bioanalysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2018</b> , 156, 58-66	3.5	47
42	Clinical application of microsampling versus conventional sampling techniques in the quantitative bioanalysis of antibiotics: a systematic review. <i>Bioanalysis</i> , <b>2018</b> , 10, 407-423	2.1	20
41	Advances in metabolome information retrieval: turning chemistry into biology. Part I: analytical chemistry of the metabolome. <i>Journal of Inherited Metabolic Disease</i> , <b>2018</b> , 41, 379-391	5.4	18
40	A dried blood spot assay for paclitaxel and its metabolites. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2018</b> , 148, 307-315	3.5	20
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37	Novel and rapid LC-MS/MS method for quantitative analysis of methylphenidate in dried blood spots. <i>Bioanalysis</i> , <b>2018</b> , 10, 839-850	2.1	9
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35	Feedback from the Fifth European Bioanalysis Forum Young Scientist Symposium. <i>Bioanalysis</i> , <b>2019</b> , 11, 1453-1458	2.1	3
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26	Official International Association for Therapeutic Drug Monitoring and Clinical Toxicology Guideline: Development and Validation of Dried Blood Spot-Based Methods for Therapeutic Drug Monitoring. <i>Therapeutic Drug Monitoring</i> , <b>2019</b> , 41, 409-430	3.2	91
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11	Review of the Preanalytical Errors That Impact Therapeutic Drug Monitoring. <i>Therapeutic Drug Monitoring</i> , <b>2021</b> , 43, 595-608	3.2	1
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