



## Publications – Dr Paul Matejtschuk

[Quantification of Müllerian Inhibiting Substance/Anti-Müllerian Hormone polypeptide by isotope dilution mass spectrometry.](#)

Whiting G, Ferguson J, Fang M, Pepin D, Donahoe P, Matejtschuk P, Burns C, Wheeler JX.  
Anal Biochem. 2018 May 6. pii: S0003-2697(18)30222-7. doi: 10.1016/j.ab.2018.05.006. [Epub ahead of print] PMID:29742446

[Humidity induced collapse in freeze dried cakes: A direct visualization study using DVS.](#)

Duralliu A, Matejtschuk P, Williams DR.  
Eur J Pharm Biopharm. 2018 Jun;127:29-36. doi: 10.1016/j.ejpb.2018.02.003. Epub 2018 Feb 3. PMID:29408372

[T<sub>m</sub>-Values and Unfolded Fraction Can Predict Aggregation Rates for Granulocyte Colony Stimulating Factor Variant Formulations but Not under Predominantly Native Conditions.](#)

Robinson MJ, Matejtschuk P, Bristow AF, Dalby PA.  
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Process Understanding in Freeze-Drying Cycle Development: Applications for Through-Vial Impedance Spectroscopy (TVIS) in Mini-pilot Studies

Smith G, Arshad MS, Polygalov E, Ermolina I, McCoy TR, Matejtschuk P

[Journal of Pharmaceutical Innovation](#) 2017, Volume 12, [Issue 1](#), pp 26–40 DOI: [10.1007/s12247-016-9266-5](https://doi.org/10.1007/s12247-016-9266-5)

[Preservation and stability of cell therapy products: recommendations from an expert workshop.](#)

Stacey GN, Connon CJ, Coopman K, Dickson AJ, Fuller B, Hunt CJ, Kemp P, Kerby J, Man J, Matejtschuk P, Moore H, Morris J, Oreffo RO, Slater N, Ward S, Wiggins C, Zimmermann H.  
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PMID:28721749

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[International collaborative study for establishment of the 2nd WHO International Standard for Haemophilus influenzae type b polysaccharide.](#)

Mawas F, Burkin K, Dougall T, Saydam M, Rigsby P, Bolgiano B; Hib PRP IS Working Group. Biologicals. 2015 Nov;43(6):492-503. doi: 10.1016/j.biologicals.2015.07.006. Epub 2015 Aug 19. PMID:26298195

[The importance of formulation in the successful lyophilization of influenza reference materials.](#)

Duru C, Swann C, Dunleavy U, Mulloy B, Matejtschuk P.

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Differential scanning fluorimetry: rapid screening of formulations that promote the stability of reference preparations

Malik K, Matejtschuk P, Thelwell C, Burns C  
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International reference preparations to standardise blood group genotyping: evaluation of candidate preparations in an international collaborative study

J Boyle, S J Thorpe, J R Hawkins, C Lockie, B Fox, P Matejtschuk, C Halls, P Metcalfe, P Rigsby, S Armstrong-Fisher, A M Varzi, S Urbaniak, G Daniels.  
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Cryobiology 61(3), 2010; 373-4.

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[Evaluation of a candidate International Standard for Meningococcal Group C polysaccharide.](#)

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The use of microscopy, thermal analysis and impedance measurements to establish critical formulation parameters for freeze drying cycle development

Ward KR, Matejtschuk P

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Freeze Drying of Biological Standards

Matejtschuk P, Stanley M, Jefferson P

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