Dr. Victoria Shpacovitch

Current business address:

Department of Biomedical Research,

Working group of Bioresponsive Materials,

Leibniz-Institute for Analytical Sciences

Bunsen-Kirchhoff str.11

44139 Dortmund, Germany

e-mail: victoria.shpacovitch@isas.de; vshpacovi@googlemail.com

Education:

2000-2002	Ernst Schering Research Foundation PhD Stipendium
2003	PhD in Biology was received at the University of Münster, Germany. Thesis work was assessed with **Magna cum laude**

Employment experience:

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1998-2000	Research training as a research assistant at the Department of Cell Biology, Baylor College of Medicine, Houston, Texas 77030, USA
2000-2003	Preparation of PhD thesis work and work as a research assistant at the Dept. of Dermatology, Institute Immunobiology of Skin, University of Münster, Germany
2003-2008	A research fellow in the Ludwig Boltzmann Institute Immunobiology of Skin, University of Münster, Germany
2009-2010	A senior research fellow in the Ludwig Boltzmann Institute Immunobiology of Skin, University of Münster, Germany
2011 up to present time	Scientist at the Dept. Biomedical Research; Working Group of Bioresponsive Materials; Leibniz Institute for Analytical Sciences (ISAS), Dortmund, Germany

Selected personal publications

1. Yayla M, Toma A, Chen K.-H, Lenssen J. E, **Shpacovitch V,** Hergenröder R, Weichert F, Chen J.-J (**2019**) Nanoparticle classification using frequency domain analysis on resource-limited platforms. *Sensors (Basel)* 19; 4138. doi: 10.3390/s19194138 (featured article).
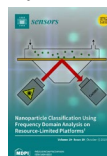
2. **Shpacovitch V,** and Hergenröder R.(**2018**) Optical and surface plasmonic approaches to characterize extracellular vesicles. A review. *Analytica Chimica Acta* 1005 (Apr); pp 1-15 (featured article).

3. **Shpacovitch V,** Sidorenko I, Lenssen J E, Temchura V, Weichert F, Müller H, Überla K, Zybin A, Schramm A, and Hergenröder R (**2017**) Application of the PAMONO - Sensor for quantification of microvesicles and determination of nano-particle size distribution. *Sensors (Basel)* Jan 27;17(2). pii: E244. doi: 10.3390/s17020244*,* 17 (featured article).
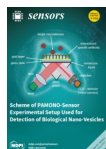
4. Zybin A, **Shpacovitch V**, Skolnik J, Hergenröder R (**2017**) Optimal conditions for SPR-imaging of nano-objects. *Sensors and Actuators B: Chemical* 239 (Feb): 338-342.

5. **Shpacovitch V,** Temchura V, Matrosovich M, Hamacher J, Skolnik J, Libuschewski P, Siedhoff D, Weichert F, Marwedel P, Müller H, Überla K, Hergenröder R, Zybin A (**2015**) Application of surface plasmon resonance imaging technique for the detection of single spherical biological submicrometer particles. *Analytical Biochemistry: Methods in Biological Sciences* 486 (Oct 1): 62-69.

6. M. Feld[##] , **V.M. Shpacovitch** [##], C. Ehrhardt, C. Kerkhoff, S. Ludwig, M.D. Hollenberg, N. Vergnolle and M. Steinhoff (**2008**) Agonists of Proteinase-activated Receptor-2 enhance IFNγ-inducible effects on human monocytes: role in influenza A infection. *Journal of Immunology* 180: 6903-6910.
 ## authors contributed equally