

**Mr. Jan Sobczyński (Msc, PhD)**

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University career:

2002-2008 Medical University of Lublin, Faculty of Pharmacy, Lublin Poland

Master of Pharmacy, Thesis title: 'Analysis of pesticides in environmental samples', graded 'A'

2010-2014 University of Oslo, Faculty of Mathematics and Natural Sciences, Oslo, Norway

PhD, Thesis Title: 'Impact of pharmaceutical formulation on physico-chemical and *in vitro* photobiological properties of porphyrin photosensitizers'

Current and previous employment:

March 2008 – March 2009 GraMa community pharmacy, Lublin, Poland

October 2008 – February 2010 Medical University of Lublin, Lublin, Poland

February 2010 – March 2013 University of Oslo, Oslo, Norway

March 2013 – present Medical University of Lublin, Lublin, Poland

Publications:

- Sobczyński J, Drozd M, Students' knowledge of cannabis. In Preedy VR (ed.), The Handbook of Cannabis and Related Pathologies: Biology, Diagnosis, Treatment, and Pharmacology. Accepted, in print
- Sobczyński J, Kristensen S, Berg K, The influence of Pluronic nanovehicles on dark cytotoxicity, photocytotoxicity and localization of four model photosensitizers in cancer cells, Photochemical & Photobiological Sciences, 2014, 13(1), 8-22.
- Sobczyński J, Smistad G, Hegge AB, Kristensen S, Molecular interactions and solubilization of structurally related meso-porphyrin photosensitizers by amphiphilic block copolymers (Pluronic), Posted online on July 16, 2014. (doi:10.3109/03639045.2014.938657)
- Sobczyński J, Tonnesen, HH, Kristensen S, Influence of aqueous media properties on aggregation and solubility of four structurally related meso-porphyrin photosensitizers evaluated by spectrophotometric measurements, Die Pharmazie - An International Journal of Pharmaceutical Sciences, 2013, Volume 68, Number 2, pp. 100-109(10)
- Sobczyński J, Drozd M et al., Evaluation of students' knowledge of cannabis influence on human health, Current Issues in Pharmacy and Medical Sciences 2013, Vol. 26, No. 2, Pages 235-239
- Tuzimski T, Sobczyński J, Application of HPLC-DAD and TLC-DAD after SPE to the Quantitative Analysis of Pesticides in Water Samples, Journal of Liquid Chromatography & Related Technologies®, 2009, 32(9), 1241-1258.

Teaching experience:

Courses: Pharmaceutics, Pharmaceutical compounding, Cosmetic compounding, Aseptic Production, Pharmaceutical Technology, Biopharmaceutics, Clinical Pharmacy

**Research experience:**

- 2007 Master project: Development of a quantification method for pesticides in samples of natural origin and application of the method to the aqueous samples of lake water. Supervisor: T. Tuzimski, PhD, Results were presented during 7th Balaton Symposium on High-Performance Separation Methods. Siófok, September 5-7, 2007 and later published in Journal of Liquid Chromatography & Related Technologies®
- 2009 Project: Development of electrochromatography assay for pharmaceutical products. Supervisor: prof. T.H. Dzido
- 2010-2014 PhD project: Preformulation of model photosensitizers for use in photodynamic therapy of cancer. The research was conducted at the laboratory of prof. H. H. Tonnesen and prof. S. Kristensen, School of Pharmacy, University of Oslo. Photobiological experiments were performed in the laboratory of prof. K. Berg, Department of Radiation Biology, Department of Biophysics, Department of Biochemistry, Confocal Core Facility, Radium Hospitalet

**Professional associations membership:**

2010-2014 Norwegian Pharmaceutical Society

2014- present Polish Pharmaceutical Society

**Awards:**

Apoteker Morten Nyegaard og hustru Katrine Nyegaards legat, scholarship awarded by Norwegian Pharmaceutical Society (2013)

Norsk Farmasoytisk Selskap Stipend, scholarship awarded by Norwegian Pharmaceutical Society (2011)

**Current projects:**

Development and biopharmaceutical evaluation of solid dosage forms containing caffeine and ibuprofen (2014-2016)

Tailor-made drug delivery systems for use in photodynamic inactivation of fungal biofilms (2015-2017)