Dr.rer.nat. Selma Parzer, MSc.

birth name Gogalic
Senior Scientist

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Profile

Passionate scientist with more than 10 years of work-experience as tutor and lecturer (SeaLife Pharma GmBH, St.Pölten University of Applied Sciences), advanced analyst (Boehringer Ingelheim RCV GmBH & Co KG) and research associate (AIT Austrian Institute of Technology GmBH).

Employment History

Senior Scientist, University for Continuing Education Krems, Krems

Since April 2023

Course Director: Health Care Management

Lecturer, Sankt Pölten University of Applied Sciences, Sankt Pölten

February 2015 - March 2022

Mediation of selected and applied measurement and analysis methods in the health sector, exam preparation and performance review

Skills

Microsoft Office
Ability to Work Under Pressure
Teamwork

Advanced Analyst, Boehringer Ingelheim RCV GmBH & Co KG, Vienna

September 2016 - September 2018

Implementation and documentation of protein analysis by immunological tests for content, potency and purity determination

Research Associate, AIT Austrian Institute of Technology GmBH, Tulln

January 2013 - February 2016

Development of a protein-based biomarker chip to detect bladder cancer in urine

Laboratory Technician/Trainee, Boehringer Ingelheim RCV GmBH & Co KG, Vienna

July 2011 - December 2011

In-vitro profiling: Production and biochemical analysis of cell extract, cultivation of different tumor cell lines and treatment with active substances, development and implementation of cell tests (Western blot): proliferation tests (CyQuant ™, alamarBlue ™) and long-term observation of tumor cells (IncyCyte™ imaging)

Laboratory Technician, SeaLIfe Pharma GmBH, Tulln

July 2009 - June 2011

Isolation, fermentation, extraction and testing of endophytic fungi and bacteria from different marine organisms and participation in the lead project

Education

Dr.rer.nat., Faculty of Chemistry, University of Vienna, Vienna

March 2013 - May 2016

Multi-modular biomarker analysis for the diagnosis, prognosis and monitoring of treatment success in bladder cancer

Master of Science, IMC FH Krems – University of Applied Sciences, Krems

September 2010 - June 2012

Cellular characterization of BRAF-inhibitors

Bachelor of Science, IMC FH Krems – University of Applied Sciences, Krems

September 2007 - June 2010

Marine endophytic fungi as sustainable source for anti-infective substances

Conferences

09/ 2015

4. Biosensors & Bioelectronics, Atlanta
S. Gogalic, S. Doppler, U. Sauer, C. Preininger, A multiplexed protein based urine chip to distinguish recurrent from non - recurrent BCa

03/ 2015

9. Deutsches Biosensor Symposium, München
S. Gogalic, S. Doppler, U. Sauer, C. Preininger, A multiplexed protein chip to detect BCa in urine 03/ 2015

03/ 2014

2. Austrian Biomarker Symposium - Early Diagnostics, Techgate Vienna
S. Gogalic, U. Sauer, C. Preininger, Protein biomarker chip for bladder cancer

03/ 2014

5. International Congress Bionanomed, Krems
S. Gogalic, U. Sauer, C. Preininger, Biomarker detection in urine- a challenge towards sample preparation and assay development

09/ 2013

5. ÖGMBT, CCB Innsbruck
S. Gogalic, C. Preininger, Non-invasive multiplex detection of bladder cancer-associated protein markers in urine and serum

03/ 2013

8. Deutsches BioSensor Symposium, TH Wildau

Publications

Investigating Colorimetric Protein Array Assay Schemes for Detection of Recurrence of Bladder Cancer. Selma Gogalic, Ursula Sauer, Sara Doppler, Claudia Preininger. Biosensors (Basel). 2018 Jan 24;8(1):10. doi: 10.3390/bios8010010.

Validation of a protein panel for the non-invasive detection of recurrent non-muscle invasive bladder cancer. Gogalic, Selma; Sauer, Ursula; Doppler, Sara; Heinzel, Andreas; Perco, Paul; Lukas, Arno; Simpson, Guy; Pandha, Hardev; Horvath, Andras; Preininger, Claudia. Biomarkers. 2017 Jan 19:1-8. doi: 10.1080/1354750X.2016.1276628

Multiplatform Biomarker Discovery for Bladder Cancer Recurrence Diagnosis. Marine De Paoli, Selma Gogalic, Ursula Sauer, Claudia Preininger, Hardev Pandha, Guy Simpson, Andras Horvath and Christophe Marquette. Disease Markers, vol. 2016, Article ID 4591910, 9 pages, 2016. doi:10.1155/2016/4591910.

Plasmonically Amplified Fluorescence Bioassay with Microarray Format. S. Gogalic, S. Hageneder, C. Cvortecka, M. Bauch, I. Khan, C. Preininger, U. Sauer, J. DostalekProc. DOI: 10.1117/12.2179470 ·Conference: Proc. SPIE Optical Sensors 2015, At Prag, Volume: 9506

Bladder cancer microarray to detect aberrant levels of proteins in urine. Gogalic S, Sauer U, Doppler S, Preininger C. Analyst. 2015 Feb 7;140(3):724-35. doi: 10.1039/c4an01432d

Lecythomycin, a new macrolactone glycoside from the endophytic fungus Lecythophora sp.Sugijanto NE, Diesel A, Rateb M, Pretsch A, Gogalic S, Zaini NC, Ebel R, Indrayanto G. Nat Prod Commun. 2011 May;6(5):677-8