

Anatolii Otroshchenko

Research Engineer

Dedicated and efficient Research Engineer offering 10 years R&D of microfluidics experience with many methods for the development of microfluidics devices and experiments. Collaborative member with extensive experience design and production microfluidics chips to different research objectives.

Employment

Research Engineer

Jul 2021 – current.

ITMO University.

St. Petersburg, Russia

Development and production of microfluidic chips within the framework of different projects and grants (Biosensors, Microfluidics Synthesis, SPR sensing)

Head of the Microfluidics Lab

Apr 2014 – May 2021

Perm state University.

Perm, Russia

1. Setting up equipment and maintaining the performance of laboratory equipment.
2. Ensure the functioning of the clean room. (6 class R ISO 14644-1-2000).
3. Paperwork related to the purchase and supply of consumables for the laboratory.
4. Research works for different companies.

Engineer at the Department of General Physics

Feb 2011 – Apr 2014

Perm state University.

Perm, Russia

Production Foreperson

Dec 2009- Jan 2011

Public Joint Stock Company Proton-PM.

Perm, Russia

This position of the head of the department, our team consisted of 13 employees. I have directed the production of over 1500 different parts for Liquid-Propellant Rocket Engines

Engineer at the Department of General Physics

Dec 2008- Dec 2009

Perm state University.

Perm, Russia

My responsibilities included setting up and maintaining lab equipment.

Education

Bachelor of science in physics

Jun 2010

Perm state University.



St. Petersburg, Russia

08th Dec 1983

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wizip2014@gmail.com

Skills

- Autodesk 3DS Max
- Autodesk AutoCAD
- COMSOL Multiphysics
- Adobe Photoshop
- Adobe Illustrator
- Microsoft Office

Technical Profile

- 3D Printing
- 3D modeling
- Soft lithography skills
- Skills related to microfluidics

Competencies

- Team collaboration
- Laboratory equipment operations
- Modeling and simulation expertise
- Manufacturing and production background
- Laboratory experiments
- Effective Multitasking

Patent

RU 2 628 704 C2 Aug 2017

A method for detecting copper ions in the environment and a biosensor for its implementation.

Languages

English

Russua