



Axa Yox

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<https://www.linkedin.com/in/dr-axa-yox/>

45 scientific publications

Executive Contributor to BRAINZ
Magazine

[https://www.brainzmagazine.com/post/
discovering-the-power-of-mindset-to-
break-old-patterns-interview-with-dr-axa-
yox](https://www.brainzmagazine.com/post/discovering-the-power-of-mindset-to-break-old-patterns-interview-with-dr-axa-yox)

- Experienced microbiologist/algologist with 20+ years of experience working with cultures in international projects.
- Expertise to isolate bacterial and algal cells and establish monoclonal cultures, including the technique of establishing axenic cultures.
- Worked with water-quality (via microbiological parameters) and ecosystem services in the lakes and rivers, and the means to remediate and mitigate the negative effects of the main pollutants to influence the entire ecosystem structure and functioning.
- Author of 7 inventions related to water cleaning technologies and microbiology.

Career highlights:

- PhD in aquatic microbiology,
- **Person of extraordinary ability by the US evaluating committee,**
- **Author of 12 inventions (7 in microbiology),**
- First Prize Award of Otto Kinne Foundation (2009)
- Fulbright Fellowship (USA) 2016-2017,
- Representative at CYANOCOST Action ES1105 (EU Program),
- International Scientific Awards: INTAS, 5x DAAD, OEAD, SNSF, EU Horizon 2020,
- Author of the content for www.sevanlake.am webpage,
- Isolated and established the culture of the first and still the only strain representing a new bacterial taxon: *Polynucleobacter difficilis*,
- Deposited the first 10 isolates of cyanobacterial strains from Armenia at the Belgian Coordinated Collections of Microorganisms.

Education:

1. 1994-1999 Master's Diploma in Human Biology

2. 2002-2003 Specialized Diploma
CIHEAM - International Centre for Advanced Mediterranean Agronomic Studies

3. 2004-2009
PhD in Aquatic Microbiology

Work Experience:

Current
LinkedIn Content Creator - self-employed

1. August 2023 - December 2024
Quality Surgical Management / Insurance verification agent

2. June - August 2022
Benfield Pet Hospital

3. April - May 2022
Medical office/reception (New York)

4. March 2021 - March 2022 Senior Laborant at PromTest LLC
Run coronavirus testing (PCR)

5. December 2014 - March 2021
Senior Scientist at UNESCO Chair in Life Sciences, International Postgraduate Educational Center, Armenia

6. January 2018 - January 2019 Tutor of Biology
High School, California, USA

7. September 2015 - July 2016 Tutor of Biology
Melkonian Educational Gymnasium, Armenia

8. January 2014 - January 2015
Expert-biologist, Armenian Harvest Promotion Center

9. January 2012 - November 2014
Senior Scientist at the Informational and Analytical Centre for Food Chain Risk Assessment
Center for Ecological Noosphere Studies

10. February 2001 - January 2012
Researcher at the Institute of Hydroecology and Ichthyology of National Academy of Sciences of RA

11. January 2000 - January 2001
Assistant of Program Manager at the European Union Program TACIS "Tourism training in Armenia"

INTERNATIONAL EXPERIENCE / RESEARCH FELLOWSHIPS

July 2020 - February 2021

EU Horizon 2020 at Ludwig-Maximilian University of Munich, Germany

2. March - June 2020

DAAD Fellowship, Ludwig-Maximilian University of Munich, Germany

3. December 2016 - October 2017

Fulbright Fellowship / University of Auburn, Alabama, Fisheries, Aquaculture, and Aquatic Sciences

4. October - November 2016

Visiting researcher, University of Innsbruck, Research Institute for Limnology, Mondsee, Austria

5. August - October 2015

Research Guest at the University of Cologne, Biocenter of Cologne, Germany

6. July August 2013 DAAD Fellowship

Ludwig-Maximilian University of Munich, Germany

7. October 2012 - January 2013

SNSF Fellowship, Switzerland, EAWAG, Swiss Federal Institute of Aquatic Science and Technology

8. June - August 2010

DAAD Fellowship, Germany, UFZ - Helmholtz Centre for Environmental Research, Department of River Ecology

9. June - August 2010

DAAD Fellowship, Germany, UFZ - Helmholtz Centre for Environmental Research, Department of River Ecology

10. March - May 2010

Visiting scientist, Germany / UFZ - Helmholtz Centre for Environmental Research

11. November 2006 April 2007

OEAD Fellowship, Austria, Institute for Limnology of Austrian National Academy

12. June - October 2005

DAAD Fellowship, Germany, IGB

13. August 2004

INTAS Fellowship, Finland, University of Jyväskylä, Summer school "Aquatic epidemiology"

14. May 2012

Summer School on the "Fundamentals of Management and Decision Making", UNESCO

15. October 2009

Seminar on Bio-monitoring "Water Governance in the Western EECCA Countries", Georgia

16. June - July 2004

Summer school "Environmental Management", Open Society Foundations

17. 2013 - 2015

Project of the Embassy of France in Armenia and KASA (Swiss Humanitarian Foundation) - Ecologist in “Save Lake Sevan” l’Institut Français “Science” (transfer of scientific culture) Coordinator and the content writer for www.sevanlake.am

SCIENTIFIC PROJECTS & GRANTS

1. 2009 - 2012

Program of the Ministry of Ecology of RA (N MEP/AEM 09/46)

“Reform in water resource management”

2. 2001 - 2002

Biologist at the Program of the International Bank “Natural reserve management and decrease of poverty and defense of reservation area management and multibiology”