



## Natalia Sucman

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**Gender:** Female **Date of birth:** 09/11/1983 **Nationality:** Moldovan

### ABOUT ME

Web of Science ResearcherID [AAD-1710-2022](#)

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### WORK EXPERIENCE

[ 11/05/2021 – Current ] **Editorial assistant**

*Chemistry Journal of Moldova*

**City:** Chisinau

**Country:** Moldova

**Main activities and responsibilities:**

-editorial production

[ 01/06/2017 – Current ] **Senior researcher**

*Institute of Chemistry*

**City:** Chisinau

**Country:** Moldova

**Main activities and responsibilities:**

- coordination of collaborative work in the laboratory

- projects writing

- obtaining and analysis of data on synthesized organic compounds

[ 01/09/2017 – Current ] **Lecturer**

*Comrat State University*

**City:** Comrat

**Country:** Moldova

**Main activities and responsibilities:**

-conducting courses on organic and analytical chemistry, biochemistry

- supervising laboratory activities in organic and analytical chemistry, biochemistry

[ 01/09/2018 – 31/12/2018 ] **Head of the Department "Technology of production and processing of agricultural products" of the Agro-Technological Faculty**

**Comrat State University**

**City:** Comrat

**Country:** Moldova

**Main activities and responsibilities:**

-planning, organization and control of educational and scientific work of the department

[ 01/01/2015 – 01/06/2017 ] **Researcher**

**Institute of Chemistry of ASM**

**City:** Chişinău

**Country:** Moldova

**Main activities and responsibilities:**

- synthesis and analysis of new biologically active compounds active against HIV-1 and M. tuberculosis

- writing and submission of research articles and proposals for new projects

- coordination of collaborative work under different projects

[ 01/11/2007 – 31/12/2015 ] **Junior researcher**

**Institute of Chemistry of ASM**

**City:** Chişinău

**Country:** Moldova

**Main activities and responsibilities:**

- development of new synthetic pathways for asymmetric compounds

- development of new asymmetric catalysts

- synthesis of libraries of biologically active compounds

[ 01/11/2006 – 31/10/2007 ] **Chemist engineer**

**Institute of Chemistry of ASM**

**City:** Chişinău

**Country:** Moldova

## **EDUCATION AND TRAINING**

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[ 11/11/2006 – 24/01/2013 ] **PhD in Organic Chemistry**

**Institutul de Chimie**

**Address:** Chişinău, Moldova

[ 01/10/2006 – 01/06/2007 ] **Master in Organic Chemistry**

**Moldova State University**

**Address:** Chişinău, Moldova

[ 01/09/2002 – 01/06/2006 ] **B.Sc. in Organic Chemistry**

**Moldova State University**

**Address:** Chişinău, Moldova

- [ 21/07/2008 – 04/08/2008 ] **NATO Advanced Study Institute "Green Materials Chemistry: Great Challenges in Synthesis, Catalysis and Nanotechnology", Bucharest (Romania)**
- [ 31/01/2011 – 27/02/2011 ] **Training for young scientists from CSI "Management and Commercialization of Nanotechnology Innovations", Dubna (Russia)**
- [ 05/08/2009 – 26/08/2009 ] **Traineeship, Friedrich–Alexander University, Erlangen–Nürnberg (Germany)**
- [ 30/04/2010 – 14/05/2010 ] **Traineeship, Loughborough University (United Kingdom)**
- [ 28/06/2011 – 15/07/2011 ] **Traineeship, Loughborough University (United Kingdom)**

## LANGUAGE SKILLS

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**Mother tongue(s):** Russian

**Other language(s):**

### English

LISTENING C1 READING C2 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

### Romanian

LISTENING C2 READING C2 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

### German

LISTENING A1 READING A2 WRITING A1

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

### Bulgarian

LISTENING A2 READING A2 WRITING A1

SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2

### Gagauzian

LISTENING C1 READING C1 WRITING B2

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

## PROJECTS

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[ 2019 ]

**Research project for young scientist „Stereoisomerii spiro[ciclopropan-oxindolilor] cu activitatea antivirală”, nr. 19.80012.80.07A, ANCD.**

Coordinator

[ 01/07/2021 – 30/06/2022 ]

**ANCD/nr. 10/255T Introduction of technology on an industrial scale of the production of highly efficient and environmentally friendly organic fertilizers from aviculture waste.**

Coordinator

[ 2009 ]

**Joint Moldavian/German research project Ref. № 09.820.05.08 GF -“New Polymer-bound Organo-Stereoselectors from renewable Resources: Synthesis and Application in Asymmetric Catalysis**

Executor

[ 2010 – 2011 ]

**The Royal Society International Joint Research Project Ref. № JP090309. Asymmetric synthesis of HIV-1 non-nucleoside reverse transcriptase inhibitors.**

Executor

[ 2010 ] **Joint Moldavian/Ukraine research project Ref. № 10.820.09.01/UA**

Executor

[ 2014 – 2015 ] **STCU project Ref. № 5800**

Executor

[ 2017 – 2018 ]

**STCU project "nnovative nanodimensional solid multicomponent pharmaceutical forms containing hexamincobalt (III) with antiviral and antibacterial properties" Ref. № 6245**

Executor

[ 02/2018 – 06/2018 ] **Joint GAMCON/REDI/KDU project “Increasing Youth Ecology culture”**

Executor

[ 2015 – 2019 ]

**CSSDT/15.817.02.17A. Water as a medium for the construction of chemotherapeutic substances**

Executor

[ 2019 ]

**Project of development of the innovation infrastructure of Incubator "InnoCentre" of Comrat State University. №.3 II of May 12, 2019**

Executor

[ 2020 – 2023 ]

**Enhancing capacity of universities to initiate and to participate in clusters development on innovation and sustainability principles” (UniClaD), Erasmus +, project KA2 n° 609944-EPP-1-2019-1-LT-EPPKA2-CBHE-JP**

Executor

[ 2020 – 2023 ]

**ANCD/20.80009.5007.17. Hybrid materials functionalized with carboxyl groups based on plant metabolites with action against human and agricultural pathogens**

Executor

[ 2020 – 2023 ]

**ANCD/20.80009.8007.14 Comprehensive research for the development of new local anti-infective drugs to optimize the pharmacotherapy of dental, oropharyngeal and atrial diseases.**

Executor

## **HONOURS AND AWARDS**

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[ 2008 ] **Stipend of Excellence of Government of the Republic of Moldova**

[ 2009 ]

**Scholarship of ICSC – World Laboratory (Switzerland) in field of the inhibitors of HIV**

## **MANAGEMENT AND LEADERSHIP SKILLS**

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- leadership skills (developed in team work with younger researchers, PhD and master students) - good organisational skills (gained as representative in the scientific workers union)

## **COMMUNICATION AND INTERPERSONAL SKILLS**

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- excellent communication and contact skills (currently working as a lecturer at the university)

## **JOB-RELATED SKILLS**

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- high level of experience in organic synthesis and catalysis - good command of main physico-chemical analytical techniques for chemical structure elucidation - analytical set of mind with good ability to scrutinize the obtained data