

Svetlana Kišidayová

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Also known as

S. Kisidayova

Websites & Social Links

Slovak Academy of Sciences, Centre of Biosciences (https://www.sav.sk/?lang=en&doc=ins-org-ins&institute_no=216)

GOOGLE Scholar (<https://scholar.google.sk/citations?user=QkzWfOUAAAAJ&hl=en>)

RESEARCHGATE (https://www.researchgate.net/profile/Svetlana_Kisidayova)

Country

Slovakia

Keywords

animal, nutrition, digestion, rumen, colon, microbiology, ciliates, cryobiology

Other IDs

Scopus Author ID: 6603871343 (<http://www.scopus.com/inward/authorDetails.url?authorID=6603871343&partnerID=MN8TOARS>)

ResearcherID: B-7652-2008 (<https://www.webofscience.com/wos/author/record/B-7652-2008>)

Loop profile: 457955 (http://loop.frontiersin.org/people/457955/overview?referrer=orcid_profile)

SciProfiles: 2013659 (<https://sciprofiles.com/profile/2013659>)

Employment (2)

Slovak Academy of Sciences: Bratislava, SK

2018-01-01 to present | Researcher (Centre of Biosciences, Institute of Animal Physiology)

Employment

Source:Svetlana Kišidayová

Slovak Academy of Sciences: Kosice, SK

1989 to 2017 | Researcher (Institute of Animal Physiology)

Employment

Source:Svetlana Kišidayová

Education and qualifications (2)

Slovak Academy of Sciences: Košice, SK

1992 to 1996 | PhD. (Institute of Animal Physiology)

Education

Source:Svetlana Kišidayová

Pavol Jozef Šafárik University: Kosice, SK

1978 to 1983 | RNDr. (Renum Nature Doctor) (Faculty of Science)

Education

Source:Svetlana Kišidayová

Works (65 of 65)

Morphometric and Molecular Analysis of Five-Spine Epidinium Morphotypes Taken from the Rumen of European Bison, *Bison bonasus*

Life

2023-12-15 | journal-article

DOI: 10.3390/life13122350

Source:Crossref

Some Aspects of the Physiology of the *Nyctotherus velox*, a Commensal Ciliated Protozoon Taken from the Hindgut of the Tropical Millipede *Archispirostreptus gigas*

Life

2023-04-29 | journal-article

DOI: 10.3390/life13051110

Source:Crossref

Effect of Sainfoin (*Onobrychis viciifolia*) Pellets on Rumen Microbiome and Histopathology in Lambs Exposed to Gastrointestinal Nematodes

Agriculture

2022-02 | journal-article

DOI: 10.3390/agriculture12020301

Source:Multidisciplinary Digital Publishing Institute

**Rumen Ciliated Protozoa of the Free-Living European
Bison (*Bison bonasus*, Linnaeus)**

Frontiers in Microbiology

2021-06-28 | journal-article

DOI: 10.3389/fmicb.2021.658448

Part of ISSN: 1664-302X

PMID: 34262537

Source: Svetlana Kišidayová

**Impact of Zinc and/or Herbal Mixture on Ruminal
Fermentation, Microbiota, and Histopathology in
Lambs**

Frontiers in Veterinary Science

2021-01-28 | journal-article

DOI: 10.3389/fvets.2021.630971

Part of ISSN: 2297-1769

PMID: 33585621

Source: Svetlana Kišidayová

**Effect of dry medicinal plants (wormwood, chamomile,
fumitory and mallow) on in vitro ruminal antioxidant
capacity and fermentation patterns of sheep**

Journal of Animal Physiology and Animal Nutrition

2020-09-23 | journal-article

DOI: 10.1111/jpn.13349

PMID: 32202350

Source: Svetlana Kišidayová

**Can the foregut nematode *Haemonchus contortus* and
medicinal plants influence the fecal microbial
community of the experimentally infected lambs?**

PLOS ONE

2020-06-23 | journal-article

DOI: 10.1371/journal.pone.0235072

PMID: 32574178

Source: Svetlana Kišidayová

Natural chemotherapeutic alternatives for controlling of haemonchosis in sheep

BMC Veterinary Research

2019-12 | journal-article

DOI: 10.1186/s12917-019-2050-2

Part of ISSN: 1746-6148

PMID: 31429752

Source: Svetlana Kišidayová

Ovicidal and larvicidal activity of extracts from medicinal-plants against *Haemonchus contortus*

Experimental Parasitology

2018-12 | journal-article

DOI: 10.1016/j.exppara.2018.10.009

PMID: 30389531

Source: Svetlana Kišidayová

Modulation of ruminal and intestinal fermentation by medicinal plants and zinc from different sources

Journal of Animal Physiology and Animal Nutrition

2018-10-14 | journal-article

DOI: 10.1111/jpn.12940

PMID: 29901842

Source: Svetlana Kišidayová

Effects of herbal nutraceuticals and/or zinc against *Haemonchus contortus* in lambs experimentally infected.

BMC veterinary research

2018-03 | journal-article

PMID: 29523134

DOI: 10.1186/s12917-018-1405-4

Source: Svetlana Kišidayová via Europe PubMed Central

The effects of high dose of two manganese supplements (organic and inorganic) on the rumen microbial ecosystem

PLOS ONE

2018-01-11 | journal-article

DOI: 10.1371/journal.pone.0191158

PMID: 29324899

Source: Svetlana Kišidayová

Effects of Different Dietary Selenium Sources on Antioxidant Status and Blood Phagocytic Activity in Sheep

Biological Trace Element Research

2017 | journal-article

DOI: 10.1007/s12011-016-0794-0

WOSUID: WOS:000392336200013

PMID: 27411926

Source:Svetlana Kišidayová

The impact of a mixture of medicinal herbs on ruminal fermentation, parasitological status and hematological parameters of the lambs experimentally infected with *Haemonchus contortus*

Small Ruminant Research

2017 | journal-article

DOI: 10.1016/j.smallrumres.2017.04.023

WOSUID: WOS:000403520400020

Source:Svetlana KišidayováviaResearcherID

Effects of diet supplementation with herbal blend and sunflower seeds on fermentation parameters, microbial population, and fatty acid profile in rumen of sheep

Czech Journal of Animal Science

2016 | journal-article

DOI: 10.17221/17/2016-CJAS

WOSUID: WOS:000390941100002

Source:Svetlana KišidayováviaResearcherID

Quantification of organic acids in ruminal in vitro batch culture fermentation supplemented with fumarate using a herb mix as a substrate

Canadian Journal of Animal Science

2016 | journal-article

DOI: 10.1139/cjas-2015-0036

WOSUID: WOS:000375226800008

Source:Svetlana KišidayováviaResearcherID

Rumen fermentation pattern, lipid metabolism and the microbial community of sheep fed a high-concentrate diet supplemented with a mix of medicinal plants

Small Ruminant Research

2015-04 | journal-article

DOI: 10.1016/j.smallrumres.2015.01.028

Source: Svetlana Kišidayová via Crossref Metadata Search

Effects of inorganic and organic selenium on the fatty acid composition of rumen contents of sheep and the rumen bacteria and ciliated protozoa

Animal Feed Science and Technology

2014 | journal-article

DOI: 10.1016/j.anifeedsci.2014.04.008

Source: Svetlana Kišidayová via ResearcherID

Effects of selected medicinal plants on rumen fermentation in a high-concentrate diet in vitro

Journal of Animal and Plant Sciences

2014 | journal-article

Source: Svetlana Kišidayová via ResearcherID

Evaluating the effects of chitosan, plant oils, and different diets on rumen metabolism and protozoan population in sheep

Turkish Journal of Veterinary & Animal Sciences

2014 | journal-article

DOI: 10.3906/vet-1307-19

Part of ISSN: 1300-0128

Source: Svetlana Kišidayová via ResearcherID

Fluorescence in situ hybridization probing of protozoal *Entodinium* spp. and their methanogenic colonizers in the rumen of cattle fed alfalfa hay or triticale straw

Journal of Applied Microbiology

2014 | journal-article

DOI: 10.1111/jam.12356

Part of ISSN: 1364-5072; 1365-2672

Source: Svetlana Kišidayová via ResearcherID

Substrates enriched by the fungus *Cunninghamella echinulata*: an in vitro study of nutrient composition, sheep rumen fermentation and lipid metabolism

Journal of Applied Microbiology

2014 | journal-article

DOI: 10.1111/jam.12594

Source: Svetlana Kišidayová via ResearcherID

The symbiotic intestinal ciliates and the evolution of their hosts.

European journal of protistology

2014 | journal-article

DOI: 10.1016/j.ejop.2014.01.004

Source: Svetlana Kišidayová via ResearcherID

Effect of diets with fruit oils supplements on rumen fermentation parameters, fatty acid composition and methane production *in vitro*

Journal of Animal and Feed Sciences

2013-03-19 | journal-article

DOI: 10.22358/jafs/66013/2013

Part of ISSN: 1230-1388

Source: Svetlana Kišidayová

Fermentation Capacity of Fecal Microbial Inocula of Przewalski Horse, Kulan, and Chapman Zebra and Polysaccharide Hydrolytic Activities of Fecal Microbial Constituents (Ciliates and Bacteria) of Kulan and Chapman Zebra

Journal of Equine Veterinary Science

2013 | journal-article

DOI: 10.1016/j.jevs.2012.05.064

Source: Svetlana Kišidayová via Scopus - Elsevier

In vitro effects of organic acid and plant oils on sheep rumen fatty acid composition

Journal of Animal and Plant Sciences

2013 | journal-article

EID: 2-s2.0-84883415072

Source: Svetlana Kišidayová via Scopus - Elsevier

**The Effect of Low- and High-Fiber Diets on the
Population of Entodiniomorphid Ciliates Troglodytella
Abrassarti in Captive Chimpanzees (Pan Troglodytes)**

American Journal of Primatology

2012 | journal-article

Part of ISSN: 0275-2565

DOI: 10.1002/ajp.22021

Source:Svetlana KišidayováviaResearcherID

**Effects of prefermented cereal-derived substrates
(ground barley and rye bran) enriched with fungal γ -
linolenic acid on rumen fermentation parameters and
lipid metabolism in vitro**

Journal of Applied Microbiology

2011 | journal-article

DOI: 10.1111/j.1365-2672.2011.05073.x

Source:Svetlana KišidayováviaScopus - Elsevier

**Prefermented cereals containing fungal gamma-
linolenic acid and their effect on rumen metabolism in
vitro**

Czech Journal of Animal Science

2011 | journal-article

EID: 2-s2.0-79960755627

Source:Svetlana KišidayováviaScopus - Elsevier

**The ciliate, Troglodytella abressarti, contributes to
polysaccharide hydrolytic activities in the chimpanzee
colon**

Folia Microbiologica

2011 | journal-article

DOI: 10.1007/s12223-011-0053-x

Source:Svetlana KišidayováviaScopus - Elsevier

**A survey of entodiniomorphid ciliates in chimpanzees
and bonobos**

American Journal of Physical Anthropology

2010 | journal-article

DOI: 10.1002/ajpa.21191

Source:Svetlana KišidayováviaScopus - Elsevier

Bacterial-protozoal interactions in a microbial community of rumen ciliate *Entodinium caudatum* culture under mercury stress

Canadian Journal of Microbiology

2010 | journal-article

DOI: 10.1139/W09-121

Source: Svetlana Kišidayová via Scopus - Elsevier

Influence of inoculated maize silage and sunflower oil on the in vitro fermentation, ciliate population and fatty acid outputs in the rumen fluid collected from sheep

Czech Journal of Animal Science

2010 | journal-article

EID: 2-s2.0-77950683887

Source: Svetlana Kišidayová via Scopus - Elsevier

Comparison of nisin and monensin effects on ciliate and selected bacterial populations in artificial rumen

Folia Microbiologica

2009 | journal-article

DOI: 10.1007/s12223-009-0076-8

Source: Svetlana Kišidayová via Scopus - Elsevier

Effect of humic acid on fermentation and ciliate protozoan population in rumen fluid of sheep in vitro

Journal of the Science of Food and Agriculture

2009 | journal-article

DOI: 10.1002/jsfa.3675

Source: Svetlana Kišidayová via Scopus - Elsevier

Effects of high- and low-fiber diets on fecal fermentation and fecal microbial populations of captive chimpanzees

American Journal of Primatology

2009 | journal-article

DOI: 10.1002/ajp.20687

Source: Svetlana Kišidayová via Scopus - Elsevier

The effects of linoleic acid on the fermentation parameters, population density, and fatty-acid profile of two rumen ciliate cultures, entodinium caudatum and diploplastron affine

Acta Protozoologica

2009 | journal-article

EID: 2-s2.0-70350365823

Source:Svetlana KišidayováviaScopus - Elsevier

Tolerance of a ruminant ciliate entodinium caudatum against mercury, copper and chromium

Biologia

2009 | journal-article

DOI: 10.2478/s11756-009-0189-1

Source:Svetlana KišidayováviaScopus - Elsevier

Comparison of fatty acid composition of bacterial and protozoal fractions in rumen fluid of sheep fed diet supplemented with sunflower, rapeseed and linseed oils

Animal Feed Science and Technology

2008 | journal-article

DOI: 10.1016/j.anifeedsci.2007.09.033

Source:Svetlana KišidayováviaScopus - Elsevier

Distinctive archaeobacterial species associated with anaerobic rumen protozoan Entodinium caudatum

Folia Microbiologica

2008 | journal-article

DOI: 10.1007/s12223-008-0039-5

Source:Svetlana KišidayováviaScopus - Elsevier

Effect of natural dolomites on the in vitro fermentation and rumen protozoan population using rumen fluid and fresh faeces inoculum from sheep

Small Ruminant Research

2007 | journal-article

DOI: 10.1016/j.smallrumres.2006.11.003

Source:Svetlana KišidayováviaScopus - Elsevier

Fatty acid profiles of rumen fluid from sheep fed diets supplemented with various oils and effect on the rumen ciliate population

Czech Journal of Animal Science

2007 | journal-article

EID: 2-s2.0-36549077630

Source:Svetlana KišidayováviaScopus - Elsevier

Highly efficient galvanotaxis apparatus for cleaning and concentrating rumen ciliates

Folia Microbiologica

2007 | journal-article

DOI: 10.1007/BF02932194

Source:Svetlana KišidayováviaScopus - Elsevier

The effect of microbial oil, evening primrose oil, and borage oil on rumen ciliate populations in an artificial rumen (Rusitec)

Journal of Animal and Feed Sciences

2006-05-25 | journal-article

DOI: 10.22358/jafs/70167/2006

Part of ISSN: 1230-1388

Source:Svetlana Kišidayová

Fermentation pattern of the rumen and hindgut inocula of sheep grazing in an area polluted from the non-ferrous metal industry

Czech Journal of Animal Science

2006 | journal-article

EID: 2-s2.0-33750092976

Source:Svetlana KišidayováviaScopus - Elsevier

Influence of natural magnesium sources on the in vitro fermentation and protozoan population in the rumen fluid collected from sheep

Small Ruminant Research

2006 | journal-article

DOI: 10.1016/j.smallrumres.2005.01.004

Source:Svetlana KišidayováviaScopus - Elsevier

Effect of insulin on in vitro fermentation activity of microorganism community of rumen ciliate *Entodinium caudatum* culture

Cell Biology International

2005 | journal-article

DOI: 10.1016/j.cellbi.2004.10.002

Source:Svetlana KišidayováviaScopus - Elsevier

Regeneration of cryoresistance of in vitro rumen ciliate cultures

Cryobiology

2005 | journal-article

DOI: 10.1016/j.cryobiol.2005.05.001

Source:Svetlana KišidayováviaScopus - Elsevier

The effects of organic selenium supplementation on the rumen ciliate population in sheep

Folia Microbiologica

2005 | journal-article

EID: 2-s2.0-28644437637

DOI: 10.1007/BF02931418

Source:Svetlana Kišidayová

A re-appraisal of the diversity of the methanogens associated with the rumen ciliates

FEMS Microbiology Letters

2004 | journal-article

DOI: 10.1016/j.femsle.2004.07.049

Source:Svetlana KišidayováviaScopus - Elsevier

Potential of galvanotaxis to separation and cleaning of rumen ciliates

Journal of Microbiological Methods

2004 | journal-article

DOI: 10.1016/j.mimet.2003.11.021

Source:Svetlana KišidayováviaScopus - Elsevier

Rapid identification of rumen protozoa by restriction analysis of amplified 18S rRNA gene

Acta Protozoologica

2004 | journal-article

EID: 2-s2.0-4444318067

Source:Svetlana Kišidayová

Effect of nisin on two cultures of rumen ciliates

Folia Microbiologica

2003 | journal-article

EID: 2-s2.0-0042386777

DOI: 10.1007/BF02931376

Source:Svetlana Kišidayová

Two-step freezing procedure for cryopreservation of rumen ciliates, an effective tool for creation of a frozen rumen protozoa bank

Applied and Environmental Microbiology

2003 | journal-article

DOI: 10.1128/AEM.69.7.3826-3832.2003

Source:Svetlana KišidayováviaScopus - Elsevier

Effect of Plant Oils and Organic Acids on Rumen Fermentation in Vitro

Folia Microbiologica

2002 | journal-article

EID: 2-s2.0-0036355294

DOI: 10.1007/BF02817677

Source:Svetlana Kišidayová

Effect of antibiotics, 2-bromoethanesulfonic acid and pyromellitic dhmid on methanogenesis in rumen ciliate cultures in vitro

Archives of Animal Nutrition/Archiv fur Tierernahrung

2001 | journal-article

EID: 2-s2.0-0035755848

DOI: 10.1080/17450390109381964

Source:Svetlana Kišidayová

Effect of elevated cobalt intake on fermentative parameters and protozoan population in RUSITEC

Animal Feed Science and Technology

2001 | journal-article

DOI: 10.1016/S0377-8401(01)00225-5

Source:Svetlana KišidayováviaScopus - Elsevier

**Methanogenesis in rumen ciliate cultures of
Entodinium caudatum and Epidinium ecaudatum after
long-term cultivation in a chemically defined medium**

Folia Microbiologica

2000 | journal-article

EID: 2-s2.0-0034567992

DOI: 10.1007/BF02908958

Source:Svetlana Kišidayová

**The effect of copper and cobalt supplementation on
the rumen ciliate population in sheep**

Czech Journal of Animal Science

2000 | journal-article

EID: 2-s2.0-0034375648

Source:Svetlana KišidayováviaScopus - Elsevier

**Wheat protein proteolysis in the monoculture of
rumen protozoon Entodinium caudatum**

Livestock Production Science

1998 | journal-article

EID: 2-s2.0-0347538933

DOI: 10.1016/S0301-6226(97)00139-5

Source:Svetlana Kišidayová

**Parameters associated with optimum two-step
freezing of rumen ciliate Entodinium caudatum**

Journal of Microbiological Methods

1997 | journal-article

DOI: 10.1016/S0167-7012(97)00053-5

Source:Svetlana KišidayováviaScopus - Elsevier

**The cryopreservation of some large ciliate
entodiniomorphid protozoa taken from the rumen**

Letters in Applied Microbiology

1996 | journal-article

EID: 2-s2.0-0030472491

DOI: 10.1111/j.1472-765x.1996.tb01343.x

Source:Svetlana Kišidayová

Two-step freezing of the rumen ciliate protozoon

Entodinium caudatum

Journal of Microbiological Methods

1995 | journal-article

DOI: 10.1016/0167-7012(95)00003-4

Source: Svetlana Kišidayová via Scopus - Elsevier

The effect of cadmium on the protozoan population and rumen fermentation of feed in an artificial rumen | Vplyv kadmia na protozoárnu populáciu a bachorovú fermentáciu kŕmnej dávky v umelom bachore.

Veterinarni Medicina

1994 | journal-article

EID: 2-s2.0-0028248620

PMID: 8154089

Source: Svetlana Kišidayová

A SIMPLE TECHNIQUE FOR CRYOPRESERVATION OF THE RUMEN PROTOZOAN ENTODINIUM-CAUDATUM

Cryo-Letters

1992 | journal-article

WOSUID: A1992HX08800005

Source: Svetlana Kišidayová

Peer review (1)

• review activity for Ruminants. (1)

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