CURRICULUM VITAE

NAME: Stoycho Dimitrov Stoev

PERSONAL DATA:
Date of birth: 8th of September 1960
Place of birth: Sinapovo, Haskovo district, Bulgaria.
Nationality: Bulgarian
Marital status: Married with two children.

CONTACT INFORMATION (ADDRESS):

Stoycho Dimitrov Stoev, DVM, PhD, DSc
Professor in Veterinary pathology
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https://trakia-uni.bg/en-US/about/structure/faculties-and-colleges/Faculty%20of%20Veterinary%20Medicine/branches/General%20and%20clinical%20pathology/Prof.%20Stoycho%20Dimitrov%20Stoev,%20Ph.D

SYNOPSIS: Having more than 35 years of experience as a veterinary pathologist and as an educator in areas of morbid anatomy, necropsy, histopathology, toxicologic pathology, toxicology and diagnostic services. Good experience in pharmaceutical industry (8 Joint International Research Projects between Bulgaria and Germany) in relation to designing of experiments and reading various macroscopic, microscopic and ultrastructural changes in animal tissues samples. Good skills in field of: multi-mycotoxin screen and clean-up, bio-assays, rapid screening methods such as immunoaffinity/fluorimetry, ELISA based immuno-assay. Basic skills in field of TLC or HPLC analysis, cytotoxicity testing (MTT bioassay), PCR (polymerize chain reaction) analysis including DNA extraction and sequence. Overview on a large number of up-to-date methods in the field of toxicological characterization of food and feed, fungal screening and identification from feed/food samples, including establishment of toxinogenic potential of fungi via sub-culturing on YES agar and TLC. Working as an educator (professor) in Veterinary pathology since 1987. Having PhD and DSc degrees in field of toxicologic pathology (PhD thesis titled "Clinicomorphological and toxicological investigations in mycotoxic porcine nephropathy in Bulgaria" and DSc thesis titled "Clinicomorphological, biochemical and immunological investigations in mycotoxic nephropathy in chicks and some preventive measure"). Experience in supervising PhD students. One year experience as a district Veterinary Doctor. Good experience in making of research projects, in designing of various research experiments and in reporting of scientific results in research papers, published in peer reviewed international journals. Good analytical skills and experience in writing of scientific reports. Leader of many national and international research projects (in field of mycotoxic nephropathy in farm animals and humans and in field of pharmaceutical industry) funded by European Commission of EU, Royal Society in London (UK), NATO (France), International Pharmaceutical Strategies and Solutions GmbH (Germany) and Ministry of Science and Education (Bulgaria). Have been working with many research teams from all over the world in order to identify the specific (multitoxic) nature of nephropathy ranged in Bulgaria. Good management skills – have been a leader and manager of multidisciplinary international teams in various international research projects. Editorial Board Member of many international journals. Reviewer/member in International Reviewers Panel of many peer reviewed international journals such as "Toxins", "Food Control", "Food and Chemical Toxicology", "Food Additives and contaminants", "Toxicology", "Toxicology Research", "Avian Pathology", "Research in Veterinary science", "International Journal of Experimental Pathology", "Medical Science Monitor", "Revue de Medicine Veterinaire", "Archives of Industrial Hygiene and Toxicology", "Food Chemistry", "Mycopathologia", "Toxicology and Industrial Health", "Toxicology Letters", "Toxicology in vitro", "Mycotoxin Research", "Advances in Clinical Toxicology", "Journal of Animal and Feed Sciences", "Journal of the World Aquaculture Society", "Comprehensive Reviews in Food Science and Food Safety", "Journal of Biochemical and Molecular Toxicology", "Microbial Pathogenesis", "International Journal of Molecular Sciences", "International Journal of Environmental Research and Public Health", ''Acta Tropica", "Journal of Cellular Biochemistry", "Science of the Total Environment", "Mycopathologia", ''World's Poultry Science Journal", "Veterinary Clinical Pathology", "World Mycotoxin Journal", "Human and Experimental Toxicology", "Environmental Science and Pollution Research", "Toxin Reviews", "Toxicon", etc. Full member in "International Society on Toxinology", Euroscience Association (Membership ID: ES03199), Science Advisory Board (Membership ID: 78026). ORC expert (Expert

consulting, Expert witness & Expert research services), CORDIS expert of FP7 of European Commission (2011). **VIP Number: 30016596.**

EDUCATION (UNIVERSITY, FACULTY, YEAR OF GRADUATION):

Faculty of Veterinary medicine, High Institute of Zootechnics and Veterinary Medicine (the former name of Trakia University), Stara Zagora, Bulgaria - 1980-1985. Diploma of Doctor in Veterinary Medicine (DVM serie A84, No 016653, Reg N 4881) from 29/11/1985.

ACADEMIC CREDENTIALS (TITLES/QUALIFICATIONS/YEAR):

-Diploma of Ph.D. (N 25258) from 30/06/1998 (code 03.01.03 – Pathologoanatomy and cytopathology) - High Certifying Commission, Council of Ministers, Sofia, Bulgaria

-Diploma of Associated Professor in "Veterinary pathology" (N 19909) from 27/12/1999 (code 03.01.03 – Pathologoanatomy and cytopathology) - High Certifying Commission, Council of Ministers, Sofia, Bulgaria.

-Diploma of D.Sc. in "Veterinary Science" (N 29367) from 14/10/2004 (code 04.03.06 – Pathology of animals) - High Certifying Commission, Council of Ministers, Sofia, Bulgaria.

-Diploma of Professor in "Pathologoanatomy and cytopathology" (N 24549) from 30/08/2007 (code 03.01.03 – Pathologoanatomy and cytopathology) – High Certifying Commission, Council of Ministers, Sofia, Bulgaria.

CURRENT POSITION: Professor and Head of Department in Dept. of "General and clinical pathology", Fac of Vet Medicine, Trakia University, Bulgaria

NATIONAL EXPERIENCE (INSTITUTION, DURATION, YEAR):

1) District Veterinary Doctor (01.06.1986 – 01.07.1987) – working with pigs, cattle, sheep and chickens

2.) Head of Dept. of General and clinical pathology, Professor in Department of Pathology, Faculty of Veterinary Medicine, Trakia University since 1987 (assistant professor from 1987 to 1999; Assoc Prof. from 1999 to 2006, Professor since 2007).

3.) Project leader of 4 research projects (regarding mycotoxic nephropathy in farm animals and humans): CC273 (1992-1995), L414 (1994-1997), CC449 (1994-1997) and CC1003 (2001-2003) funded by National Science Fund of Ministry of Science and Education in Bulgaria:

-project CC273 ("Clinicomorphological and ultrastructural investigations in mycotoxic nephropathy in pigs " - 1992-1995).

-project CC449 (with international participation and title "Clinicomorphological and ultrastructural investigations in mycotoxic nephropathy in poultry" - 1994-1997)

-project L414 (with international participation of scientists from 4 countries and title "Toxicological, clinicomorphological and ultrastructural investigations, diagnostical methods, prophylactic, hygienic and preventive measures in ochratoxicosis in animals with a view to the public health" - 1994-1997). The toxic, teratogenic and carcinogenic effects of OTA- and/or penicillic acid-contaminated feed on mice (100 mice), rats (80 rats) and chickens (100 chickens) and pigs (18 pigs) were studied during 2 years period in addition to mycotoxin-induced pathomorphological and ultrastructural changes in various internal organs. Protective effects of some feed additives against the toxic effects of OTA were studied in rats and chicks as well as some preventive measures and risk evaluation were recommended as high effective to prevent human/animal exposure to OTA.

-project CC1003 ("Experimental investigations on immunosuppressive effect of OTA in pigs" – 2001-2003).

4.) Participation in University projects:

-Scientific project № 13/2013 - Quantitative morphology of spontaneous cutaneous and subcutaneous neoplasia in the dog;

-Scientific project 2018 - Quantitative morphology of spontaneous squamous cell carcinomas in the cat

-Leader of Scientific project 2023 "Investigation of the influence of the mycosorbent Mycofix Plus 3 (Biomin) on intoxication with Dioxynivalenol and Zearalenone in pigs"

INTERNATIONAL EXPERIENCE (COUNTRY, INSTITUTION, DURATION, YEAR):

1) **Bulgarian project leader of Joint Research Project between Bulgaria and UK funded by The Royal Society** - London (Joint Project Grant - Reg. Ch. No 207043, Ref. FSU/CEE/JP) and titled: "Fungal nephrotoxins in porcine renal disease in Bulgaria" (1997-2000) – the aim of the project was to clarify the cause of spontaneous porcine and chick nephropathies in Bulgaria

2**) Marie Curie Outgoing International Fellowship (6th Framework of EU - 184 968,35 Euro)** - 2 years (2007-2008) in University of Johannesburg (Food, Environment and Health Research Group, Fac. of Health Science) and 1 year (2009) in Trakia University (Bulgaria), **which is the first Marie Curie fellowship in S. Africa** funded by European Community and titled: "An expected multicausal nature of spontaneous animal and human nephropathy in Bulgaria and South Africa" - project 18674 "CAUSE KIDNEY DAMAGE" (MOIF-CT-2005-018674). The project has addressed the complex multi-mycotoxic etiology of porcine/chicken/human nephropathies in Bulgaria and human nephropathy in South Africa, which are morphologically different in detail and much more prevalent than those seen in Denmark, where their first classical description was made. **I was selected as one of the seven success stories in the Worldwide Research featured in the publication of European Commission's Marie**

Curie team highlighting the most successful Marie Curie fellows (see pp 264-267 of "Inspiring Researchers":
http://ec.europa.eu/assets/eac/msca/documents/documentation/publications/inspiring_researchers_en.pdf). **The project was also featured by European Commission as the first strategy project strengthening African-European research ties (see pp 42 of the publication of European Commission "Face to Face"** http://ec.europa.eu/assets/eac/msca/documents/documentation/publications/eu-marie-curie-actions-fellowships-face-to-face-publication-portraits.pdf) and **as Strategy Project of Europe (see pp 104-105 of eStrategies Projects**

3) **Coordinator of FP7 IRSES project of EC (189 000,00 Euro)** in regard to International Research Staff Exchange Scheme between Trakia University (Bulgaria), University of Johannesburg (South Africa), University of Rhodes (South Africa), Kaposvar University (Hungary) and Defence Research and Development Organization (DRDO, Ministry of Defence, India) with title "Studies on some herbal additives giving partial protection against toxic or immunosuppressive effects of some mycotoxins and improving wound granulation" – HERBAL PROTECTION (PIRSES-GA-2012-316067) (2013-2016).

4) **Marie Curie fellow** in project PIRSES-GA-2012-316067 "Studies on some herbal additives giving partial protection against toxic or immunosuppressive effects of some mycotoxins and improving wound granulation" – HERBAL PROTECTION (2013-2016) **in University of Johannesburg and Rhodes University, Grahamstown, South Africa** (6 monthhs) - from 28 of June up to 18 of December, 2013

5) **Marie Curie fellow** in project PIRSES-GA-2012-316067 "HERBAL PROTECTION" (2013-2016) **in Institute of Nuclear Medicine and Allied Sciences (INMAS), Defence Research and Development Organisation (DRDO), Government of India** (6 monthhs) – from 14 June up to 21 of December, 2014.

6) Participation in the Research Contract "Munkaterv" and consultation on EU program Horizon 2020 between University of Kaposvar (7400 Kaposvar, Guba Sandor str. 40, represented by Prof. Dr Szavai Ferenc, rector) and on the other part of Prof. Stoycho Dimitrov Stoev for the period between 14 of June 2012 up to 22 of November 2012 and 08-15 November 2015 (within the frame of the EU project of TÁMOP - 4,2,1 B-10/2/ KON V-2010-0002 in the subject of 'Effect of mycotoxins on organ and cellular level - training and research work).

7) The main Pathologist in eight (8) Joint International Research Projects between Bulgaria and Germany (IPSS D032, E008, E009, E0010, E011, F003, F006, F031) funded by International Pharmaceutical Strategies and Solutions (IPSS) GmbH – Germany (2005-2007) and titled:

- "Clinical animal study on the pharmacokinetics of various chemical compounds following external beam irradiation in rats" (IPSS D032 – 2004-2005),
- "A clinical study in rats and rabbits on the pharmacokinetics and bioaccumulation of platinum derivatives following the single dose of formulations from PT-1 to PT-13" (IPSS E008, E009, E0010, E011 – 2005-2006),
- "A clinical study in rats on the pharmacokinetics and bioaccumulation of platinum complexes following the repeated dose over 7 consecutive days of formulations from PT-1 to PT-13 without non-treatment period" (IPSS E008, E009, E0010, E011 – 2005-2007),
- "Study in rats to determine platinum compound pharmacokinetics" (IPSS E0010, E011 – 2005-2006),
- "Cold mass-balance study in rats to determine distribution of platinum compound" (IPSS E009 – 2005-2006),
- "Pharmacokinetics, Toxicokinetics and Tissue Accumulation using the Active Ingredients of Trisenox & KML001 following oral and intravenous administration" (IPSS F003 - 2006),
- "Investigation of the Pathohistology/Morphology following Repeated Dose of Intravenous $NaAsO_2$ and $NaAsO_2$ Encapsulated in Siosomes®" (IPSS F006 – 2006-2007),
- "A clinical Study in Rats on the Tissue Distribution, Bioaccumulation and Pharmacokinetics in tissues following Single Dose oral administration of CIS-OXOPLATIN with pilot dose finding study" (IPSS F031 – 2006-2007).

The aim of the first project was to evaluate the protective effect of some chemical compounds on pathomorphological changes in various internal organs in rats provoked by external beam irradiation. The aim of the other seven projects was to evaluate pathomorphological changes in various tissues, glands and internal organs in more than 500 rats and 100 rabbits provoked by various pharmaceutical compounds as well as pharmacokinetics, toxicokinetics, tissue distribution and bioaccumulation of the same compounds following oral and intravenous administration. The pathomorphological changes in stomach, small and large intestine, caecum, urinary bladder, kidneys, liver, heart, lungs, spleen, lymph nodes, brain, cerebellum, bone marrow, muscle, pancreas, thymus, thyroid gland, adrenal glands, pituitary gland, lachrymal glands, salivary glands, prostate, testicles, loose or reticular connective tissue and skin were evaluated.

8) A specialisation in Imperial College of Science, Technology and Medicine - London, U.K (September, 1998) – it addressed receiving a first hand knowledge about the methodology of producing a high quantity of mycotoxin OTA necessary for experimental induction of mycotoxic nephropathy in various animals.

9) A specialisation in Laboratoire de Toxicologie et Security Alimentaire, Toulouse, France, (4 months in 2000 - NATO grant) - it addressed some genotoxic investigations on tissue samples from spontaneous and experimental cases of mycotoxic nephropathies in various animals.

10) A specialization in field of multi-mycotoxin screen and extraction from various feed or biological (serum, tissue) samples, rapid screening methods such as immunoaffinity clean up (VICAM immuno affinity column chromatography), enzyme immuno-assays on small columns or membranes, ELISA based immunoassay or cell

culture based as well as traditional methods for mycotoxin detection as TLC, HPLC, which is performed in Food, Environment and Health Research Group, Faculty of Health Science, University of Johannesburg (2007-2008)

11) A specialization in Fungal screening and identification from feed samples as fungal isolation on potato dextrose agar (PDA) and Ohio agricultural and experimental station agar (OAEA), sub-culturing on PDA, malt extract agar (MEA) and czapex yeast extract agar (CYA), macro- and microscopic identification of fungi, establishment of toxinogenic potential of fungi via sub-culturing on YES agar and using TLC – performed in Food, Environment and Health Research Group, Faculty of Health Science, University of Johannesburg (2007-2008).

12) A specialization in MTT bioassay (cytotoxicity testing) - performed in Cytotoxic Laboratory, Faculty of Health Science, University of Johannesburg (2 months in 2007)

13) A specialization in field of PCR (polymerise chain reaction) analysis of fungal species (freeze dried or fresh) including DNA extraction, PCR amplification, purification of PCR product, product quantification and DNA sequence - performed in Inqaba Biotec, Pretoria, South Africa (2 weeks in March, 2008).

14) A specialization in field of MTT assay, pathology of mycotoxin fumonisin B1 in pigs in Department of Animal Physiology and Hygiene of University of Kaposvar in Hungary (6 months in 2012)

15) **Cooperation Agreement between Trakia University and University of Kaposvar** for creating a **"Laboratory for Mycotoxin analysis and prevention"** for the needs of the **"Centre of Competence" (2016 – 2017) signed by prof S. Stoev and prof. Melinda Kovac).**

16) Cooperation Agreement between Trakia University and University of Kaposvar on the **"Research and development for the prevention and removal of mycotoxin contamination at Kaposvar University" under European project TAMOR-4.2.2.D-15/1/KONV-2015-0025 (2015 – signed by prof S. Stoev)**

17) **Visiting Professor of the Department of Food Technology in the Faculty of Science at the University of Johannesburg** from 1st of September 2013 up to 30 August 2016.

INVITED AND REALIZED LECTURES AND ORGANIZED CONGRESSES AND CONFERENCES OR SEMINARS:

1. Invitation to give a **talk in a meeting with Director and Deputies Directors of Strategic Partnership and International Resources of SA Department of Science and Technology, Pretoria and the Manager Science and Technology Agreements Fund of National Research Foundation in South Africa** (29.01.2007)
2. Invited **presentation for the Marie Curie instruments used to reach scientific goals of researchers in Information session on FP7 and the European-South African Science and Technology Advancement Programme (ESASTAP)** in University of Johannesburg on 13.04.2007
3. **Invited Organizing Committee Member** of **"Research Day" conference**, 21 November, 2008, Johannesburg, **having 3 lecture/presentations** in the field of Mycotoxic nephropathy in Bulgarian and South African pigs: Complex aetiology and pathology, etc.
4. Invited **lectures/seminars** on "Mycotoxic nephropathy in farm animals and humans – preventive measures and risk assessment" in Faculty of Health Science, University of Johannesburg (04.05.2007 and 18.11.2009)
5. **Invitation to Open Vet Africa 2007 Congress by The Board of Trustees of Animal Aid for Africa (AAA) with Opening Speech and talk** with title "Food Safety and some foodborne mycotoxicoses" (27.07.2007 in Johannesburg).
6. Invited **seminar/lecture** in **the Onderstepoort Veterinary Institute in Pretoria** (14.04.2008) on the topic "Complex aetiology and pathology of mycotoxic nephropathy in Bulgarian pigs and chicks".
7. Invited **seminars/lectures** in Kaposvar University in Hungary (22-29.06.2010) on the topic "Mycotoxic nephropathy in Bulgarian and S. African pigs: complex etiology and similarity with Balkan Endemic Nephropathy"
8. Invited **seminars and lectures, e.g workshops** on mycotoxins in Department of Animal Physiology and Hygiene of University of Kaposvar in Hungary and participation in some *in vitro* and *in vivo* experiments (14.06 - 11.08.2012 and 09.10 - 22.11.2012)
9. Invited lecture at ***International Symposium*** "**Power of Fungi and Mycotoxins in Health and Disease", Primošten, Croatia** (19-22,10.2011) on the topic "Mycotoxic nephropathy in animals: complex etiology and similarity to Endemic Nephropathy"
10. **Invited as one of the 10 MC speakers at the final Marie Curie FP6 conference in Brussels** (2-4 July, 2012) shaping European Research and Innovation Landscape and **intended as celebration of the achievements of 14,500 Marie Curie fellows under FP6.**
11. **Invited lecture and Organising Commettee Member in Department of Animal Health, North West University,** Mafikeng Campus, Mafikeng, South Africa, 7 October, 2013.
12. **Invited expert lecture and Organising Commettee Member in the Short term training program on "Synthesis, Characterization and Applications of Biomaterials"** in Mauluna Azad National Institute of Technology, Bhopal, India (26.06.2014).
13. **Invited lecture/workshops at *International Conference on „New Challenges in Mycotoxin Research"*** on the topic "New challenges related to animal health aspects of mycotoxins" in University of Kaposvar in Hungary (09.11.2015), etc
14. Invited workshops – **Moderator of *Scientific Café in "Career for New Era" EURAXESS information day*** (26/10/2017)'

15. **Invitation to Open "TOX'2018 Conference" organized by the Society of Hungarian Toxicologists** with **Invited lecture "New challenges related to multi-mycotoxic nature of some foodborn mycotoxicoses and underestimated hazard for animals or humans" delivered on 17 October 2018** at Hunguest Hotel Palota, Lillafured, Hungary, 17-19 October, 2018.
16. **Invited lecture at Faculty of science in Eotvos University, Budapest, Hungary on 15 October 2018, titled "New challenges related to multi-mycotoxic nature of some foodborn mycotoxicoses and underestimated hazard for animals or humans".**
17. **Invited presentation at Szent István University, Gödöllő, Hungary on 16 October, 2018**
18. **Organizing Committee Member** of "Toxicology and Pharmacology 2018 Congress" in Amsterdam, Netherlands, July 30-31, 2018
19. **Organizing Committee Member** of "**Global Congress on Toxicology and Pharmacology**" in Dublin, Ireland, September 12-13, 2018
20. **Executive Committee Member** of **"First Balkan Conference of Medical Mycology and Mycotoxicology – Balkan Fungus 2018** in Timisoara, Romania on September 13-15, 2018
21. **Organizing Committee Member** of "**International Conference on Clinical Toxicology and Pharmacology**" in Dubai, UAE, December 3-4, 2018
22. **Organizing Committee Member** of **"2nd World Congress on Toxicology**" in Stockholm, Sweden, June 24-25, 2019
23. **Organizing Committee Member** of "**2nd World Congress on Toxicology and Applied Pharmacology**" in Prague, Czech Republic, November 4-5, 2019
24. **Organizing Committee Member and invited Chair/Speaker in "8th International Conference on Food Safety, Quality & Policy"** scheduled in October 21-22, 2019 at London, UK,
25. **Organizing Committee Member** in "**2nd World Congress on Anatomy and Physiology" scheduled on October 16-17, 2019 at Rome, Italy.**
26. **Organizing Committee Member and Invited Keynote Speaker** in "**Pharmacology & Drug Development Congress (SciTech Central Pharma 2019)"** scheduled in April 27-28, 2020 at Mauritius**"**, https://www.scitcentralconferences.com/experts/pharmacology-drug-development-congress (Facebook: https://www.facebook.com/SciTechCentralConference/photos/a.274816433398401/370118000534910/); (Twitter: https://twitter.com/ScitConferences/status/1177126008543035393); (LinkedIn: https://www.linkedin.com/feed/update/urn:li:activity:6582891881481494528); (Instagram: https://www.instagram.com/p/B23c_k-nT-D/)
27. **Organizing Committee Member and Invited Plenary Speaker** in "**5th World Congress and Expo on Traditional and Alternative Medicine (Traditional Medicine-2020)"** in Toronto, Canada scheduled in June 25-26, 2020**"**
28. **Organizing Committee Member and invited Keynote Speaker in "International Conference on Emergency and Critical Care Medicine",** scheduled in July 13-14, 2020 in Tropicana, Las Vegas, USA
29. **Organizing Committee Member** in "**World Congress on Polymer Chemistry**", scheduled on July 02-03, 2020, London, UK
30. **Organizing Committee Member** in "**World Congress on Drug Discovery**", which has been scheduled on July 06-07, 2020, London, Heathrow M4, JCT.4, UK
31. **Organizing Committee Member** in **"World Congress on Bacteriology, Virology and Infectious Diseases**", which has been scheduled on July 06-07, 2020, London, UK.
32. **Organizing Committee Member and invited Keynote speaker** in "**Global Conference on Pharmaceutics and Pharmacology**", which has been scheduled in August 6-7, 2020 at San Antonio, USA
33. **Organizing Committee Member and Member of International Science Board of "10th National and 1st International Veterinary Pathology Congress (VETPAT-2020)"** which has been scheduled in 27 - 31 October 2020 in Burdur, Turkey, https://vetpat.mehmetakif.edu.tr/en/index.php?page=kurullar
34. **Invited Keynote Speaker in "10th National and 1st International Veterinary Pathology Congress (VETPAT-2020)"** which has been scheduled in 27 - 31 October 2020 in Burdur, Turkey, https://vetpat.mehmetakif.edu.tr/en/index.php?page=davetli-konusmacilar
35. **Organizing Committee Member and Invited Keynote Speaker in "International Conference on Public Health (SICPH-2020)",** scheduled on October 22-23, 2020 in Singapore
36. **Organizing Committee Member and invited Keynote speaker in** "**Global Conference on Toxicology**", scheduled in August 26-28, 2021 at Paris, France
37. **Organizing Committee Member in "Global Conference on Traditional and Alternative Medicine 2021"** to be held during June 24--26, 2021 at Saint Petersburg, Russia with the **main theme "Challenges and Future Directions of Traditional and Alternative Medicine Research"**
38. **Organizing Committee Member in "International Conference on Food Processing and Technology"** designated on the Theme: "SHAPING THE FUTURE TECHNOLOGIES IN FOOD AND NUTRITION", scheduled in 19-21 July, 2021 at Paris, France.
39. **Organizing Committee Member in "Global Summit on Animal Science and Veterinary Medicine (ASVM2022)**", scheduled on April 28-30, 2022 at Tokyo, Japan

40. **Organizing Committee Member in "Global Conference on Animal Science and Veterinary Medicine**", scheduled on April 11-13, 2022, Porto, Portugal, https://www.pagesconferences.com/2022/animal-science-veterinary-medicine/committee
41. **Organizing Committee Member at the "International Congress on Vaccines Research and Development "(Vaccines Congress-2022)** scheduled on September 22-23, 2022 in London, UK,
42. **Organizing Committee Member in "2nd Global Summit on Traditional and Alternative Medicine (GSTAM2023)**", scheduled on April 24-26, 2023 in Osaka, Japan
43. Scientific Committee Member in the "**International Meet on Animal Science and Veterinary Medicine" (ASVMMEET2023)**, scheduled on February 13-15, 2023 in Porto, Portugal. https://www.albedomeetings.com/2023/asvmmeet/committee
44. Scientific Committee Member in the "**2nd Global Summit on Animal Science and Veterinary Medicine" (ASVM2023)**, scheduled on June 19-21, 2023 in Paris, France
45. **Organizing Committee Member in the "International Meet on Immunology and Microbiology (IMMUNOLOGYMEET2023), scheduled on** June 08-10, 2023 in Paris, France, https://www.albedomeetings.com/2023/immunologymeet/committee
46. **Organizing Committee Member in the "International Congress on Toxicology and Applied Pharmacology" scheduled on June 8-9, 2023 in** Geneva, Switzerland**,** https://unitedscientificforum.com/toxicology/2023/committee.php
47. **Organizing Committee Member in the International Summit on Animal Science and Veterinary Medicne (ISASVM2023) scheduled on** September 14-16, 2023 in San Francisco, USA**, https://www.spectrumconferences.com/2023/isasvm/committee**
48. **Committee Member in the International Meet on Animal Science and Veterinary Medicine scheduled on** OCTOBER 19-21, 2023 in Dubai, UAE **https://www.albedomeetings.com/2023/asvmmeet/committee**
49. **Organizing Committee Member in the Scientific Forum on Microbiology and Pathology scheduled on** June 29-30, 2023 in Rome, Italy
50. **Organizing Committee Member in the Global Meet on Meta-materials and Nanophotonics scheduled on September 14-16, 2023 in** Lisbon, Portugal**, https://primemeetings.org/2023/metamaterials-nanophotonics/committee**
51. **Organizing Committee Member in the International Experts Summit on Traditional and Alternative Medicine (IESTAM2023) scheduled on October 04-06, 2023 in** Dubai, UAE
52. **Scientific Committee Member in the International Conference on Cancer and Oncology Research, scheduled on June 19-20, 2023 in** Rome, Italy
53. **Program Committee Member (PCM) in the "World Conference on Gastroenterology, Hepatology and Endoscopy", scheduled on May 18-19, 2023, in Barcelona, Spain, https://eurasiaconferences.com/events/barcelona/2023/gastroenterology-hepatology-and-endoscopy/committee**
54. **Organizing Committee Member in the International Forum on Traditional and Alternative Medicine (TAMFORUM2023), scheduled on November 16-18, 2023 at** Lisbon, Portugal**, https://www.continuumforums.com/2023/tamforum/committee**
55. **Organizing Committee Member in " 5th European Congress on Infectious Diseases ", scheduled on October 09-10, 2023, at London, UK, https://crgconferences.com/infectiousdiseases/committeemembers**
56. **Organizing Committee Member in " International Conference on Animal Science & Veterinary Medicine" scheduled on November 13-14, 2023 in Dubai, UAE", https://crgconferences.com/veterinarymedicine/committeemembers/**
57. **Organizing Committee Member in the World Congress on Virology & Infectious Diseases 2023 (VIROLOGY2023) with the theme "Revolutionary Advancements in Virology and Infectious Diseases", scheduled on October 16-18, 2023 in Paris, France, https://scientificcollegium.net/virology-infectious-diseases-conference/organizing-scientific-committe/**
58. **Scientific Committee Member in the "2nd International Meet on Immunology and Microbiology (IMMUNOLOGYMEET2024)", scheduled on May 16-18, 2024 in Prague, Czech Republic, https://www.albedomeetings.com/2024/immunologymeet/committee**
59. **Organizing Committee Member in the "International Conference on Clinical Case Reports", scheduled on November 08-09, 2023 at Dubai, UAE, https://scisynopsisconferences.com/casereports/**
60. **Committee Member in the "International Experts Summit on Animal Science, Veterinary Medicine and Biosystems Engineering (IESASVM2024) scheduled on June 04-06, 2024 in Rome, Italy." https://www.meghazmeetings.com/iesasvm-2024/conference/committee/**
61. **Organizing Committee Member in the 3rd Global Summit on Traditional and Alternative Medicine (GSTAM2023), scheduled on June 15-17, 2024 at Frankfurt, Germany, https://www.thescientistt.com/2024/traditional-medicine-summit/organizing-committee**

MAIN FIELDS OF SCIENTIFIC RESEARCH AND INTERESTS (KEYWORDS): toxicology, intoxications, pathology, pathomorphology, ultrastructure, carcinogenic effect of mycotoxins, teratogenic effect of mycotoxins, mycotoxic nephropathy, ochratoxicosis, Balkan endemic nephropathy (BEN), mycotoxins, ochratoxin A (OTA), penicillic acid (PA), citrinin, fumonisin B1, heavy metals, cadmium, lead, mercury, animal health, feed additives, protective effect, multi-mycotoxin screen, fungal screening, MTT bioassay, cytotoxicity, PCR analysis, DNA sequence, environmental health, food safety, foodborne diseases

COMPUTER SKILLS:

Familiar with: Microsoft office 16: Microsoft Word, Microsoft Excel, Microsoft PowerPoint, various Internet browsers, microscope and photos editing software, Statistica 7, InStat and many others.

FOREIGN LANGUAGES (LEVEL OF PROFICIENCY): English – well; Russian – well; Bulgarian - native

VIP NUMBER: 30016596

EDITORIAL BOARD MEMBER:

1. Editorial Board Member of "The Open Toxinology Journal" (2008-2014)
2. Editorial Board Member of "ISRN Veterinary Science" (2010-2015) of International Scholarly/Research Network
3. Editorial Board Member of "SM Journal of Environmental Toxicology" (2015-2016)
4. Editorial Board Member of "Journal of Veterinary Science Research and Technology" (2018-2019)
5. Editorial Board Member of "Insights in Internal Medicine" (2016-2019)
6. Editorial Board Member of "Veterinary Medicine – Open Journal" (2016-2017)
7. Editorial Board Member of "The Open Access Journal of Science and Technology" (since 2016-2019)
8. Editorial Board Member of "Journal of Animal and Veterinary Science" (2019-2020)
9. Editorial Board Member of "Journal of Clinical Therapeutics and Diagnosis" (2018-2020)
10. Editorial Board Member of "Toxins" (IF=4,2) (since 2023) https://www.mdpi.com/journal/toxins/editors?page_no=9
11. Editorial Board Member of "International Journal of Veterinary Science and Research" (since 2015) https://www.peertechz.com/journals/international-journal-of-veterinary-science-and-research/editorial-board
12. Editorial Board Member of "Journal of Drug Metabolism & Toxicology" (since 2016) http://www.omicsonline.org/editorialboard-drug-metabolism-toxicology-open-access.php
13. Editorial Board Member of "Advances in Clinical Toxicology" (since 2016) https://medwinpublishers.com/ACT/editorial-board.php
14. Editorial Board Member of "Journal of Nephrology Forecast" (since 2017) https://scienceforecastoa.com/Journals/Pages/JournalEditorialBoard.aspx/JN
15. Editorial Board Member of "HIV: Current Research" (since 2017) https://www.omicsonline.org/editorialboard-hiv-current-research.php
16. Editorial Board Member of "Journal of Molecular Histology & Medical Physiology" (since 2018) https://www.omicsonline.org/editorialboard-molecular-histology-medical-physiology.php
17. Editorial Board Member of "Sciaeon Journal of Veterinary Sciences and Medicine" (since 2018) http://sciaeon.org/veterinary-sciences-and-medicine/editorial-board
18. Editorial Board Member of "Journal of Veterinary and Animal Research" (since 2018) http://www.scholarena.co/journals/journal-of-veterinary-and-animal-research/editorial-board.php
19. Editorial Board Member of "Annals of Veterinary Science" (since 2018) https://www.gudapuris.com/annals-of-veterinary-science-editorial-board.php
20. Editorial Board Member of "Archives of Pathology and Clinical Research" (since 2018) https://www.heighpubs.org/hjpcr/editors.php
21. Editorial Board Member of "Scientific Journal of Human Nutrition and Metabolic Research" (since 2018) https://vividopenaccess.com/scientific-journal-of-human-nutrition-and-metabolic-research/eb-members.php
22. Editorial Board Member of "Journal of Molecular Biology and Biochemistry" (since 2018) http://www.scholarena.com/journals/journal-of-molecular-biology-and-biochemistry/editorial-board.php
23. Editorial Board Member of "Archives of Clinical Case Studies" (since 2018) https://irispublishers.com/accs/editorialboard.php
24. Editorial Board Member of "Open Access Journal of Toxicology" (since 2018) https://juniperpublishers.com/oajt/editorialboard.php
25. Editorial Board Member of "United Journal of Medicine and Health Care" (since 2018) https://www.untdprimepub.com/united-journal-of-medicine-and-health-care/editor.php
26. Editorial Board Member of "Archives of Veterinary Science and Medicine" (since 2018) http://www.fortunejournals.com/archives-of-veterinary-science-and-medicine-editorial-board-avsm.php
27. Editorial Board Member of "Archives of Medical & Surgical Pathology" (since 2018) https://www.gavinpublishers.com/journals/board_members/Archives-of-Medical-and-Surgical-Pathology
28. Editorial Board Member of "Medical Sciences: Current Research" (since 2018) http://meddocsonline.org/medical-sciences-current-research-editorial-board.html

29.Editorial Board Member of “Clinical Research in Nephrology & Kidney Diseases” (since 2018) http://www.medtextpublications.com/clinical-research-in-nephrology-kidney-diseases-editorial-board.php
30.Editorial Board Member of “World Journal of Pharmacology” (since 2018) https://www.wjgnet.com/2220-3192/editorialboard.htm
31.Editorial Board Member of “Medical Case Reports and Short Reviews” (since 2018) http://sciaeon.org/medical-case-reports-and-short-reviews/editorial-board
32.Editorial Board Member of “Journal of Food Nutrition and Metabolism” (since 2018) https://www.sciencerepository.org/journal-of-food-nutrition-and-metabolism
33.Editorial Board Member of “MedRead Journal of Veterinary Science” (since 2019) https://med-read.org/journals/medread-journal-of-veterinary-science/editorial-board
34.Editorial Board Member of “Open Journal of Case Reports in Medicine” (since 2019) http://www.ojcrm.com/editorial-board/
35.Editorial Board Member of “JOJ Urology& Nephrology” (since 2019) https://juniperpublishers.com/jojun/editorialboard.php
36.Editorial Board Member of “Global Journal of Veterinary Care and Research” (since 2019) http://veterinary.sunkristpublishing.com/editorial-board-members.php
37.Editorial Board Member of “British Journal of Molecular Medicine” (since 2019) https://makperiodicallibrary.com/britishjournalofmolecularmedicine/editorial-board/
38.Editorial Board Member of “Journal of Veterinary Science and Research” (since 2019) https://www.raftpubs.com/jvsr-veterinary-science-and-research/editorial-board
39.Editorial Board Member of “Journal of Advanced Veterinary Research” (since 2019) https://advetresearch.com/index.php/AVR/about/editorialTeam
40.Editorial Board Member of “Japan Journal of Research” (since 2019) https://www.sciencexcel.com/Japan+Journal+of+Research#
41.Editorial Board Member of “Clinics in Medicine” (since 2019) http://www.medtextpublications.com/clinics-in-medicine-editorial-board.php
42.Editorial Board Member of “Journal of Case Reports in Medical Specialties” (since 2019) http://www.medoa.uk/CRMS/editorial-board
43.Editorial Board Member of “Research and Techniques: Molecular Pathology” (since 2019) https://ospopac.com/journal/research-and-techniques-molecular-pathology/board-members/2
44.Editorial Board Member of “Journal of Veterinary Science and Animal Medicine” (since 2019) https://gnomepublications.org/veterinaryscience-eb-board.php
45.Editorial Board Member of “MedLife Clinics” (since 2019) http://www.medtextpublications.com/medlife-clinics-editorial-board.php
46. Editorial Board Member of “Madridge Journal of Case reports & Studies” (since 2019) [ISSN: 2639-4553] (since 2019) https://madridge.org/journal-of-case-reports-and-studies/editors
47.Editorial Board Member of “Archives of Healthcare” (since 2019) http://www.starlingscience.com/healthcare/editorial_board.php
48.Editorial Board Member of “World Journal of Veterinary Science” (since 2019) http://www.medtextpublications.com/world-journal-of-veterinary-science-editorial-board.php
49.Editor-in-chief and Editorial Board Member of “Journal of Veterinary Research Advances” (since 2019) http://jvra.org.in/editorial
50.Editorial Board Member of “ES Veterinary Medicine and Animal Science” (since 2019) https://www.escientificlibrary.com/veterinary/Editorial_Board.php
51.Editorial Board Member of “Annals Oncology & Cancer Case Reports” (since 2020) http://theuspubhouse.org/annals-oncology-cancer-case-reports-editorial-board/
52.Editorial Board Member of “Archives of Veterinary Science and Medicine” (since 2020) http://www.fortunejournals.com/archives-of-veterinary-science-and-medicine-editorial-board-avsm.php
53.Editorial Board Member of “Corpus Journal of Dairy and Veterinary Science” (since 2020) https://www.corpuspublishers.com/journal-editorial-board/corpus-journal-of-dairy-and-veterinary-science--2
54.Editorial Board Member of “SF Journal of Medicine and Research” (since 2020) https://scienceforecastoa.com/Journals/Pages/JournalEditorialBoard.aspx/JMR
55.Editorial Board Member of “International Journal of Veterinary Science & Technology” (since 2021) https://www.scireslit.com/Veterinary/editorsJ.php
56.Editorial Board Member of “Veterinary Medicine Reports” (since 2021) https://mediterraneanjournals.com/index.php/vmr/about/editorialTeam
57.Editorial Board Member of “Journal of Xenobiotics” (since 2021) https://www.mdpi.com/journal/jox/editors
58.Editorial Board Member of “American Journal of Pathology & Research” (since 2022) https://www.scivisionpub.com/journals/editorialboard-american-journal-of-pathology-research
59.Editorial Board Member of “Trakia Journal of Sciences” (since 2016) http://tru.uni-sz.bg/tsj/
60.Reviewer/member in International Reviewers Panel in many peer reviewed international journals with impact factor such as “Food and Chemical Toxicology”, “Food Additives and contaminants”, “Toxicology”, “Toxicology Research”, “Avian Pathology”, “Research in Veterinary science”, “International Journal of Experimental Pathology”,

"Medical Science Monitor", "Revue de Medicine Veterinaire", "Archives of Industrial Hygiene and Toxicology", "Food Chemistry", "Mycopathologia", "Toxicology and Industrial Health", "Toxicology Letters", "Toxicology in vitro", "Mycotoxin Research", "Advances in Clinical Toxicology", "Journal of Animal and Feed Sciences", "Journal of the World Aquaculture Society", "Comprehensive Reviews in Food Science and Food Safety", "Journal of Biochemical and Molecular Toxicology", "Microbial Pathogenesis", "International Journal of Molecular Sciences", "International Journal of Environmental Research and Public Health", ''Acta Tropica", "Journal of Cellular Biochemistry", "Science of the Total Environment", "Mycopathologia", ''World's Poultry Science Journal", "Veterinary Clinical Pathology", "World Mycotoxin Journal", "Human and Experimental Toxicology", "Environmental Science and Pollution Research", "Toxin Reviews", "Toxins", "Toxicon", etc.

MEMBERSHIP IN SCIENTIFIC OR PROFESSIONAL INSTITUTIONS, BODIES, ORGANIZATIONS:

1. Full member in "International Society on Toxinology" (since 2001).
2. Member in "New York Academy of Science" (2003)
3. Member in "Euroscience Association" (since 2008), Membership ID: ES03199
4. Member in "Science Advisory Board" (since 2006) – Membership ID: 78026
5. Member of "ORC expert (Expert consulting, Expert witness & Expert research services)", Expert ID: 729052 (since 2009)
6. CORDIS expert of FP7 of European Commission (since 2011) - EX2014D173221
7. Member in "Research Board of Advisors" of the American Biographical Institute (since 2004).
8. Member of Scientific Council of Faculty of Veterinary Medicine in Trakia University (2008-2015; 2020-2023)
9. Member in Commission of Medico-Biological Sciences in Fac. of Veterinary Medicine in Trakia University (2012-2015)
10. Member of Scientific Research Committee in Fac. of Veterinary Medicine in Trakia University (since 2016)
11. Member in Commission for the Control of the Academic Staff Development Procedures in Faculty of Veterinary Medicine in Trakia University (2016-2019).
12. Head of Working Group at Trakia University in regards to introducing the principles of the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers (205/251 / EC) as guiding principles in the internal rules and regulations of Trakia University and bringing the same in accordance with the aforementioned European norms (2018).
13. Member of "Permanent Scientific and Expert Committee on Medical Sciences" (since 2019) in the "Scientific Research Fund", Ministry of Education and Science, Republic of Bulgaria.

SCIENTIFIC RECOGNITIONS AND AWARDS: ABOVE 80 INTERNATIONAL HONORS AND AWARDS FROM EUROPEAN COMMISSION, MINISTRY OF SCIENCE AND EDUCATION IN BULGARIA, DEPARTMENT OF SCIENCE AND TECHNOLOGY IN SOUTH AFRICAN GOVERNMENT, UNITED CULTURAL CONVENTION, WORLD ACADEMY OF LETTERS, AMERICAN BIOGRAPHICAL INSTITUTE, INTERNATIONAL BIOGRAPHICAL CENTER – CAMBRIDGE:

1. Nomination for the **annual awards for science "Pythagoras-2017"** in the field "***Established scientist in the field of health and medical science***" (2017) by the Minister of Science and Education in Republic of Bulgaria.
2. Nomination for the **annual awards for science "Pythagoras-2018"** in the field of "***Successful coordinator of international projects***" (2018) by the Minister of Science and Education in Republic of Bulgaria.
3. Included in the 4th (2002-2003), 5th (2004-2005) and 6th (2006-2007) Editions of "Who's Who in Medicine and Healthcare"; the 7th (2003-2004), 8th (2005-2006), 9th (2006-2007), 10th (2008-2009), 11th (2011-2012) and 12th (2016-2017) Editions of "Who's Who in Science and Engineering"; the 61st edition of "Who's Who in America" (2007); the 21st (2004), 22nd (2009), 32nd (2015), 33rd (2016), and 2018/2019 editions of "Who's Who in the World"– **VIP Number: 30016596**
4. Included in "**2000 Outstanding Scientists of the 21st Century**" (2004) and "Outstanding Scientists of the 21st Century - Inaugural Edition" (2007) for outstanding contribution in field of "Toxicologic Pathology", and invited to be included in the "Honours List" and "Dedication Edition" of the same issue, published, signed and sealed by the headquarters of International Biographical Center (IBC), Cambridge, England
5. Included in "**2000 Outstanding Scientists 2008/2009",** published by International Biographical Center (IBC), Cambridge, England.
6. Included in "**Great Minds of the 21st Century** – Second (2004/2005), Third (2005/2006), Fourth (2007/2008) and Fifth (2011) Editions" for significant accomplishment within and mastery of "Toxicologic Pathology", and invited to be included in the "Dedication Section" of the same issues as well as in the "**Greatest Minds of the 21st Century"**, published and signed by the Governing Board of Editors of American Biographical Institute (ABI).
7. Included in "2000 Outstanding Intellectuals of the 21st Century" (2005, 2007 and 2008), published by IBC, Cambridge.
8. Included in Inaugural Edition of "International Profiles of Accomplished Leaders" (2011), published by ABI
9. Included in the World Premier Edition of "International Directory of Experts and Expertise", published by ABI

10. Accepted for inclusion in the issue "500 Greatest Geniuses of the 21st Century", publication of ABI, which includes the biography of 500 greatest living geniuses and most prominent thinkers of our time.
11. Included in "International Biographical Centre Awards Roster of 2004", published by IBC, Cambridge.
12. Included in "World Book of Knowledge – 2005 Edition", A Global Compendium of 500 Eminent Leaders, Thinkers, Innovators, Experts and Persons of Influence in World Markets and Organizations, published by ABI.
13. **Included in the "Cambridge Blue Book** – 2004-2007" – the authoritative and genuine reference of achievement and Nominated as a "Laureate of the Cambridge Blue Book" and "The Cambridge blue book man of the year" by IBC, Cambridge, England. Person Ref.: 90667. Entry Ref: 63731 (2004) and 69639 (2006)
14. Inducted into "**American Hall of Fame for Distinguished Accomplishments in Toxicologic Pathology**" (2009) authorized by American Biographical Institute.
15. Selected for induction into the "World Hall of Fame" by ABI (2011, 2012)
16. Selected as one of the IBC's Top 100 Scientists and included in "**IBC Top 100 Scientists – 2005**", ratified by Awards Board of International Biographical Centre, Cambridge, England.
17. Selected as one of the Leading Scientists of the World and included in "**IBC Leading Scientists of the World – 2005, 2006 and 2008**", ratified by Awards Board of International Biographical Centre, Cambridge, England.
18. Selected to be a recipient of "The Excellence Award" by the Recognition Board of IBC, Cambridge (2006)
19. Selected to be a recipient of "The Archimedes Award" by the Recognition Board of IBC, Cambridge (2006)
20. Selected to be a recipient of prestigious "**Albert Einstein Award of Excellence for 2010**" by ABI (2010)
21. Selected to be a recipient of prestigious "**The Sir Isaac Newton Scientific Award of Excellence 2012**" by ABI
22. Selected to be a recipient of "**Scientific Award of Excellence 2011**" by ABI (2011)
23. Selected to be a recipient of prestigious "Pinnacle of Achievement Award" by ABI (2010)
24. Selected to be a "Research Fellow" of ABI for contributions to the global research (2005) and nominated for ABI Fellow (2010)
25. Selected to be included in the World Record for Achievements as the "World Record Holder" by The World Record Council of Research (2007)
26. Selected for "2018 Albert Nelson Marquis Lifetime Achievement Award" by the Selection Committee of Marquis Who's Who
27. Selected for "2019 Marquis Lifetime Achievement Award", "2021 Marquis Lifetime Achievement Award" and "2019 Marquis Top Professional"
28. Selected for "Albert Nelson Marquis Lifetime Achievement Award" 2017
29. Honored with "The Decree of Excellence" by the Award Board of IBC, Cambridge (2005)
30. Accepted for "IBC Lifetime Achievement Award" of International Biographical Centre, Cambridge (2004)
31. Approved for "21st Century Award for Achievement" in recognition of outstanding contribution by the Editorial Board of International Biographical Centre, Cambridge, England (2005)
32. Named as a candidate for a "Master Diploma with Honors" from the "World Academy of Letters" in U.S.A. – given for excellent background of achievement (2005 and 2008).
33. Entitled to be "Son of Bulgaria" (2011) by ABI.
34. Nominated to receive "**Gold Medal for Bulgaria**" by ABI (2006, 2007, 2009 and 2012).
35. Nominated for "Noble Laureate 2004" by the Governing Board of Editors of ABI.
36. Nominated to receive "**Medal of Noble Distinction**" by ABI (2010)
37. Nominated for the Honor of "**Magna Cum Laude**" by ABI (2011)
38. Nominated for inclusion in "500 Great Leaders – Honors Edition", published by IBC, Cambridge (2009, 2012).
39. Nominated for inclusion in "500 Great Leaders", published by ABI (2010, 2012).
40. Nominated for "ABI Genius Laureate of Bulgaria" by ABI (2006)
41. Nominated to be one of the 100 honored recipients of the prestigious "American Medal of Honor" by the Governing Board of Editors of American Biographical Institute.
42. Nominated for ""Most Notable Intellectual of 2008" by the Nominating Committee of ABI (2009)
43. Nominated for "2012 Intellectual of the year" by the American Biographical Institute (2012).
44. Nominated for "Leading Intellectuals of the World" by the Governing Board of ABI (2011)
45. Nominated for "Man of the year" for 2004, 2005, 2006, 2007, 2008, 2010, 2011 by American Biographical Institute and included in the issue "Man of the year 1990-2006 – A celebrated Collection of Biographies".
46. Nominated for "Man of the Year Commemorative Medal" (2005, 2006 and 2008) by ABI.
47. Nominated for "Man of Achievement - 2005" by American Biographical Institute.
48. Nominated for "2007 Man of Science Award" and "Man of the year in Science" (2008 and 2009) by ABI.
49. Nominated for "Year 2004 Universal Award of Accomplishment" of American Biographical Institute.
50. Nominated for "World Lifetime Achievement Award" of American Biographical Institute (2004, 2007, 2012).
51. Nominated for "Lifetime Achievement Award" of the United Cultural Convention (2005, 2006, 2011)
52. Nominated for Lifetime Achievement Award of World Congress of Arts, Sciences and Communications.
53. Nominated to be a recipient of the "Legion of Honor of the United Cultural Convention" for outstanding achievement (2010).

54. Nominated for “Top 100 Scientists Pinnacle of Achievement Award” by Awards Board of IBC, Cambridge.
55. Nominated for “IBC Living Science Award” of International Biographical Centre, Cambridge, England (2004)
56. Nominated as a Laureate of the “Da Vinci Diamond” by IBC, Cambridge (2004 and 2006).
57. Nominated for “International Scientist of the year 2004” and “International Educator of the year 2004” by International Biographical Centre, Cambridge, England.
58. Nominated for “International Biographical Association Scientist of the year” for 2006, Cambridge, England.
59. Nominated for “International professional of the year 2005” by the Award Board of IBC, Cambridge (2005)
60. Nominated for “International health professional of the year” by IBC, Cambridge (2005 and 2007)
61. Nominated for “Scholar Ambassador Medal” by ABI (2012)
62. Nominated for “Presidential Seal of Honor 2005” by the Board of Directors of ABI.
63. Invited to be inducted in “Great Minds of the 21st Century HALL OF FAME” by ABI (2012)
64. Nominated for “21st Century Visionary Award” by ABI (2011)
65. Invited to become an “Academician” of the American Biographical Institute (2010).
66. Invited to receive “The Seat of Wisdom” as one of the Great Minds of 21st Century by ABI (2010).
67. Award and Certificate for active participation in publication activity of Trakia University given by the Rector of the university (2017).
68. Award for “**Most successfully accomplished scholar in abroad**” given by the Rector of Trakia University in occasion of 35 years high education in Stara Zagora, Bulgaria (2009).
69. Included in the prestigious **ranking of Stanford University for the best top scientists in the world**. The ranking includes two percent of the best top scientists in the world among researchers from 22 scientific fields and 176 subfields. It is compiled on the basis of a complex analysis, which includes information on the number of citations, co-authorship, citations of articles in different positions of authorship, H-index. https://dolap.bg/2021/01/14/%d0%bf%d1%80%d0%be%d1%84-%d1%81%d1%82%d0%be%d0%b9%d1%87%d0%be-%d1%81%d1%82%d0%be%d0%b5%d0%b2-%d0%b5-%d0%b2-%d1%81%d0%bf%d0%b8%d1%81%d1%8a%d0%ba%d0%b0-%d0%bd%d0%b0-%d1%83%d0%bd%d0%b8%d0%b2%d0%b5%d1%80/
https://divident.eu/1873/prof-stojcho-stoev-klasaciyata-na-stanford-tryabvashe-da-vklyuchva-poveche-bulgarski-ucheni/

THE CONTACT DETAILS OF SCIENTISTS AND COLLABORATORS WHO WORK IN THE SAME AREA AND WOULD BE ABLE TO GIVE AN INDEPENDENT AND AUTHORITATIVE REFEREE STATEMENTS ABOUT ME:

1.) Prof. Mike Dutton, PhD, DSc, Senior Research Fellow (Director, Food, Envirnoment & Health Research group of Faculty of Health Sciences, University of Johannesburg), PO Box 17011 Doornfontein, 2028 Gauteng, South Africa, Tel: (+27)(11)559-6374, Fax: (+27)(11)559-6227, Cell: 083-459-3314, E-mail: mikefdutton@gmail.com

2.) Dr. Maja Peraica, PhD / Dr. Bozica Radic, Dr.Sc., Institute for Medical Research and Occupational Health, 2 Ksaverska cesta, PO Box 291, HR-41001 Zagreb, Croatia, Tel.: (+385 1) 4673-188, Fax: (+385 1) 4673-303, E-mail: mperaica@imi.hr

3.) Prof. Melinda Kovac, Department of Animal Physiology and Hygiene, Faculty of Animal Science, University of Kaposvár, H-7400 Kaposvár, Guba S. str. 40., P.O.Box 16, HUNGARY, Office Tel/Fax: +36 82 505970, E-mail: Kovacs.Melinda@ke.hu

4.) Prof. Stefan Denev, PhD, DSc, Department of Microbiology, Faculty of Agriculture, Trakia University, Students campus, 6000 Stara Zagora, Bulgaria, A second position: General Manager of Alltech in Bulgaria, Cell: +359888349777, Fax: +359 42601916, E-mail: stefandenev@hotmail.com, E-mail: sdenev@alltech.com

5.) Dr. Isabelle P. Oswald, PhD, Laboratoire de Pharmacologie-Toxicologie, INRA, 180 Chemin de Tournefeuille, BP 3, 31931 Toulouse cedex 09, France, Tel : 33 (0) 5 61 28 54 80, Fax : 33 (0) 5 61 28 53 10, E-mail: ioswald@toulouse.inra.fr

6.) Prof. Edmond Ekue Creppy, PhD, DSc, Laboratoire de Toxicologie et d'Hygiene Appliquee, U.F.R. des Sciences Pharmaceutiques, University Victor Segalen, 146 rue Leo Saignat, 33076 Bordeaux Cedex, France, Tel: 05 57 571217, Fax: 05 56 986685, E-mail: sec.tox@tox.u-bordeaux2.fr

7.) Prof. Benedicte Hald, PhD, Department of Veterinary Microbiology, The Royal Veterinary and Agricultural University, 13 Bülowsvej, DK-1870 Frederiksberg C, Denmark, Tel: +45 35 28 27 60; Fax: +45 35 28 27 57; E-mail: VETMI@KVL.DK

Also, I have/had European contacts and collaborations with many scientific teams all over the world as: Department of Animal Physiology and Hygiene of Kaposvar University in Hungary; Food, Environment and Health Research Group, Faculty of science and Faculty of Health science in University of Johannesburg; Defence Research and Development Organization in Ministry of Defence of Indian Government; Dept. of Microbial Biochemistry of Imperial College of Science Technology and Medicine, London SW7 2AY, UK; Laboratoire de Toxicologie et Security Alimentaire, Toulouse, France; Laboratoire de Toxicologie et d'Hygiene Appliquee, U.F.R. des Sciences Pharmaceutiques, University Victor Segalen, 146 rue Leo Saignat, 33076 Bordeaux Cedex, France; Institute for Medical Research and Occupational Health, University of Zagreb, 2 Ksaverska cesta, PO Box 291, HR-41001 Zagreb, Croatia; Department of Veterinary Microbiology, The Royal Veterinary and Agricultural University, 13

Bülowsvej, DK-1870 Frederiksberg C, Denmark, etc. Having a lot of peer reviewed publications with a lot of scientists from the mentioned above universities and institutions as can be seen from publications and CV.

MAJOR ACHIEVEMENTS AND RESULTS:

The frequency, duration, occurrence and spreading of mycotoxic nephropathy in various farm animals in Bulgaria was established (Stoev et al, 1998a; Stoev et al, 2002a); the pathomorphological comparison between mycotoxic porcine nephropathy ranged in Bulgaria and South Africa revealed that the kidneys from spontaneous cases of porcine nephropathy in Bulgaria can be divided into 5 separated groups, which illustrate the progressive stages of development of the disease ("mottled", "enlarged and marbled", "enlarged and pale", "cystic" and "fibrotic"), whereas the kidneys from spontaneous cases of porcine nephropathy in South Africa show macroscopic pattern characteristic only for the first three groups of this classification (Stoev et al, 2010a,b); spontaneous nephropathy in Bulgaria, which is observed frequently during the meat inspection and which differs morphologically from the classical description of mycotoxic porcine/chicken nephropathy as made in Denmark was found to have multi-mycotoxic etiology being mainly provoked by combined effect of OTA, PA and FB1 in addition to not yet identified metabolite (Stoev et al, 2010a); spontaneous nephropathy in pigs seen in South Africa was also found to have multi-mycotoxic etiology involving the same mycotoxins as Bulgarian nephropathy (Stoev et al, 2010b); a great pathomorphological, biochemical and toxicological (low contamination levels of OTA) similarity was found between mycotoxic nephropathy in pigs and Balkan endemic nephropathy in humans (Stoev, 1998; Stoev, 2008a,b, 2017); the risk assessment and underestimated hazard of joint mycotoxin exposure of animals or humans were established (Stoev, 2017); the typical early pathomorphological, ultrastructural and biochemical changes in mycotoxic nephropathy in various animals/chicks were established, which give possibility for an early diagnosis of disease (Stoev et al, 1998a,b,c, 2002a); various neoplastic changes, enlargement of renal lymph nodes, significantly enlarged and marbled or pale appearance of kidneys as well as cystic or stronger fibrotic changes in cortex of the kidneys, vascular lesions, intranuclear inclusions, intramitochondrial electron dense formations and myelin-like figures in mycotoxic nephropathy in farm animals in Bulgaria were found, which differs significantly our nephropathy from that ranged in Scandinavian countries and may result largely from the effects of nephrotoxic metabolites other than OTA (Stoev et al, 1998a, 2002a) or may be attributed to synergistic effects between OTA and other mycotoxins as Penicillic acid, Fumonisin B1 and Citrinin; a strong synergistic effect between OTA and PA as well as between OTA, FB1 and CIT was found in experimental studies "*in vivo*" and "*in vitro*" (Stoev et al, 2001, 2004, 2009, 2011); a strong immunosuppression and appearance of secondary bacterial infections were seen in pigs and chicks fed on OTA-contaminated diet (Stoev et al, 2000a,b); carcinogenic and teratogenic effects were found in mice, rats and chickens fed on OTA-contaminated diet (Stoev, 2010a); some protocols for the safe utilization of OTA-contaminated feeds were established in order to reduce farm losses from a decrease of weight gain and egg production in stock chicks and to avoid the rejection or condemnation of such feed (Stoev, 2010b; Stoev et al, 2002d) - a real protective effect was found for the following feed additives: water extract of artichoke (WEA), sesame seed (SS), Roxazyme-G (RG) and phenylalanine (PHE) against the suppressive effect of OTA on egg production of laying hens in chronic experiments with chicks (Stoev, 2010b) as well as against the carcinogenic effects of OTA (Stoev, 2010a); some preventive measures and risk evaluation were recommended as high effective to prevent human/animal exposure to OTA (Stoev, 1998, 2008a,b; Stoev et al, 1998c); the typical/early pathomorphological, ultrastructural and biochemical changes in various intoxications with heavy metals (cadmium, lead, mercury) in sheep were established, which give possibility for an early diagnosis of them (Stoev and Lazarova, 1998, 1999; Stoev et al, 1997, 1998d, 2003), It was found that feed exposure to FB1 can aggravate pneumonic damages in pigs provoked by *P. multocida* or *Mycoplasma hyopneumoniae*; The Food Security, Food Safety and Foodborne Mycotoxicoses, Risk Assessment for Animals or Humans, the respective Preventive Measures, and Underestimated Hazard of Masked Mycotoxins or Joint Mycotoxin Interaction were consequently evaluated and analyzed (Stoev, 2015, 2016, 2023), etc. Carcinogenic effect of OTA in single or combined action with other mycotoxins is proved in farm and laboratory animals (Stoev, 2020,2021,2022). Teratogenic effect of OTA is proved in laboratory animals (Stoev, 2022).

HAVING MORE THAN 160 PUBLICATIONS IN PEER REVIEWED INTERNATIONAL JOURNALS, INTERNATIONAL BOOKS OR CHAPTERS OF BOOKS AND ABOVE 2000 QUOTATIONS OF THE SAME PUBLICATIONS; H-INDEX IN SCOPUS (OVER 23); H-INDEX IN GOOGLE SCHOLAR (OVER 27)

THE PRINCIPAL PUBLICATIONS IN AUTHORITATIVE PEER-REVIEWED INTERNATIONAL JOURNALS

1. Stoev, S.D., Foodborne Diseases due to Underestimated Hazard of Joint Mycotoxin Exposure at Low Levels and Possible Risk Assessment, ***Toxins,*** 2023, 15, 464, https://doi.org/10.3390/toxins15070464 , **IF=4,54 (Q1)**
2. Stoev, S.D., New Evidences about the Carcinogenic Effects of Ochratoxin A and Possible Prevention by Target Feed Additives, ***Toxins,*** 2022, 14 (6), 380, https://www.mdpi.com/2072-6651/14/6/380/pdf , **IF=4,54 (Q1)**
3. Stoev, S.D., Studies on teratogenic effect of ochratoxin A given via mouldy diet in mice in various sensitive periods of the pregnancy and the putative protection of phenylalanine, ***Toxicon*****,** 2022, 210, 32-38, DOI: 10.1016/j.toxicon.2022.02.012, https://doi.org/10.1016/j.toxicon.2022.02.012 , **IF=2.35 (Q3)**
4. Dimitrova, B., R. Vitanska, R. Gevrenova, D. Zheleva-Dimitrova, V. I. Balabanova S.D. Stoev, Molecular networking-assisted flavonoid profile of Gypsophila glomerata extract in relation to its protective effects on

carbon tetrachloride-induced hepatorenal damage in rats, ***Acta Pharmaceutica***, 2022, 72, 59-77, https://www.researchgate.net/publication/350705792 , **IF=1.40 (Q2,Q4)**

5. Stoev, S.D., K. Dimitrov, I. Zarkov, T. Mircheva, D. Zapryanova, I. Valchev, S. Denev, S. Chobanova, M. Stefanov, R. Arora, Some Indian herbs have protective effects against deleterious effects of ochratoxin A in broiler chicks, ***World Mycotoxin Journal,*** 2021a, 14 (4), 525 – 538, ISSN 1875-0710 print, ISSN 1875-0796 online, DOI 10.3920/WMJ2020.2657, **IF=3,35 (Q2)**
6. Stoev, S.D., Mircheva, T, Denev S, Chobanova S, Ivanov V, The Protective Effect of Silymarin against Ochratoxin A Induced Histopathological and Biochemical Changes in Chicks, ***Journal of Advanced Veterinary Researc***h, 2021b, Volume 11, Issue 1, 1-8, https://advetresearch.com/index.php/AVR/article/view/598/447 (**Scopus indexed**) **(Q3)**
7. Stoev, S.D., Follow up long term preliminary studies on carcinogenic and toxic effects of ochratoxin A in rats and the putative protection of phenylalanine, ***Toxicon,*** 2021, 190, 41-49***,*** https://doi.org/10.1016/j.toxicon.2020.11.010 , **IF=2.35 (Q3)**
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9. Denev, S., L. Sotirov, S. Chobanova, T. Koynarski, V. Ivanov, N. Bozakova, S. Stoev, Effect of silymarin and ochratoxin A on humoral natural immunity of broiler chickens, ***Journal of Central European Agriculture***, 2020, 21(3), 492-498, DOI: /10.5513/JCEA01/21.3.2775 **(Q4)** (**Scopus indexed**)
10. Stefanov M, Stoev S, Kim J, Kim S, Western medicine versus Eastern medicine – do both have a common root, scientific background and world-wide recognition?, ***Alternative Therapies in Health and Medicine***, March 2020, Volume 26, Issue 2, Pages 38-44, **pii: AT5744,** https://www.ncbi.nlm.nih.gov/pubmed/31221936 , **IF=1.25 (Q2)**
11. Stoev, S.D., P. Njobeh, I. Zarkov, T. Mircheva, D. Zapryanova, S. Denev, B. Dimitrova, Selected herbal feed additives showing protective effects against ochratoxin A toxicosis in broiler chicks, ***World Mycotoxin Journal***, May 2019, 12 (3), 257-268, DOI: 10.3920/WMJ2019.2432, https://www.wageningenacademic.com/doi/abs/10.3920/WMJ2019.2432 , **IF=2.40 (Q2)**
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24. Stoev S.D., M. Dutton, P. Njobeh, J. Mosonik, P. Steenkamp, Mycotoxic nephropathy in Bulgarian pigs and chickens: complex aetiology and similarity to Balkan Enedemic Nephropathy, ***Food Additives and Contaminants Part A***, 2010a, 27 (1), 72-88. (http://www.tandfonline.com/doi/pdf/10.1080/02652030903207227) **IF=2,23 (Q1-Q2)**
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PUBLICATIONS IN PROCEEDINGS FROM INTERNATIONAL CONGRESSES AND CONFERENCES

1. Stoev, S.D., Foodborne mycotoxicoses: risk assessment and underestimated hazard for animals or humans, ***Proceeding of 10th National and 1st International Veterinary Pathology Congress (VETPAT-2020),*** pp 197-216, October 2020, Burdur, Turkey, https://vetpat.mehmetakif.edu.tr/en/index.php?page=kurullar
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4. Stoev S.D. Endemic Balkan Nephropathy - complex etiology, risk evaluation and underestimated hazard of joint mycotoxin exposure of animals and humans, ***First Balkan Conference of Medical Mycology and Mycotoxicology "BALKAN FUNGUS 2018",*** 13-15 September, 2018, Timisoara, Romania.
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6. Karamalakova Y, Stoev S, Gadjeva V, Nikolova G, Indian ayurvedic plants with potentially protective activities against ochratoxin A induced-toxicity, ***Proceeding of Annual University Scientific Conference***, 20-21 October, 2016, Military University, Vassil Levski, Veliko Turnovo, pp 26, ISSN 2367-7481.
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12. Adhikari M, Karamalakova Y, Nikolova G, Gupta D, Chawia R, Ivanov V, Kumar R, Zheleva A, Gadjeva V, Arora R, Stoev S, Nanosilymarin as an antioxidant agent: Comparative in vitro studies. ***XIV International Congress of Medical Science***s, Sofia, Bulgaria, 7-10 May, 2015, Suppl 1, pp 93.
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15. Stoev, S.D. (2014) Mycotoxic Nephropathy in Animals: Complex Etiology and Possible Preventive Measures***, Short term training program on "Synthesis, Characterization and Applications of Biomaterials"*** under the **Technical Education Quality Improvement Programme (TEQIP-II),** 25-29 June, Mauluna Azad National Institute of Technology, Bhopal, India
16. Arora R, Adhikari M, Agarwal P, Chawla R, Gupta D, Karamalakova Y, Zheleva A, Gadjeva V and Stoev S "A Flavanolignan NanoFormulation as an Effective Radiation and Biothreat Countermeasure Agent: Evidence from In vitro and In vivo Studies " presented during ***1st Trakia Medical Days" International Scientific Conference***, May 22-23, 2014, Stara Zagora, Bulgaria. (Poster)
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9. **Publication "Prof. Stoycho Stoev is on the list of Stanford University for the best scientists in the world" - 14/01/2021, "Dolap.bg" (The ranking includes two percent of the best top scientists in the world by researchers from 22 scientists areas and 176 sub-areas**), https://dolap.bg/2021/01/14/%d0%bf%d1%80%d0%be%d1%84-%d1%81%d1%82%d0%be%d0%b9%d1%87%d0%be-%d1%81%d1%82%d0%be%d0%b5%d0%b2-%d0%b5-%d0%b2-%d1%81%d0%bf%d0%b8%d1%81%d1%8a%d0%ba%d0%b0-%d0%bd%d0%b0-%d1%83%d0%bd%d0%b8%d0%b2%d0%b5%d1%80/
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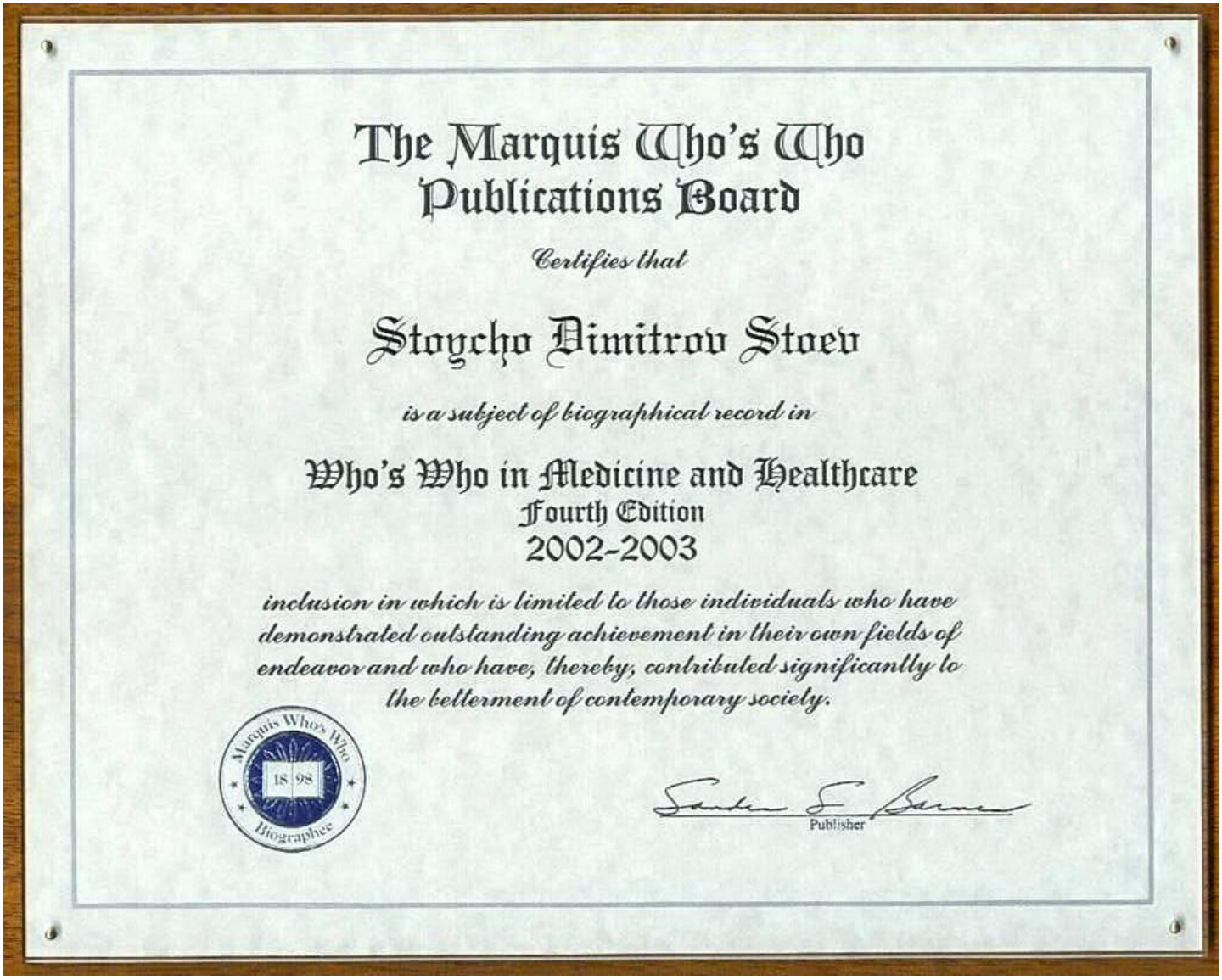

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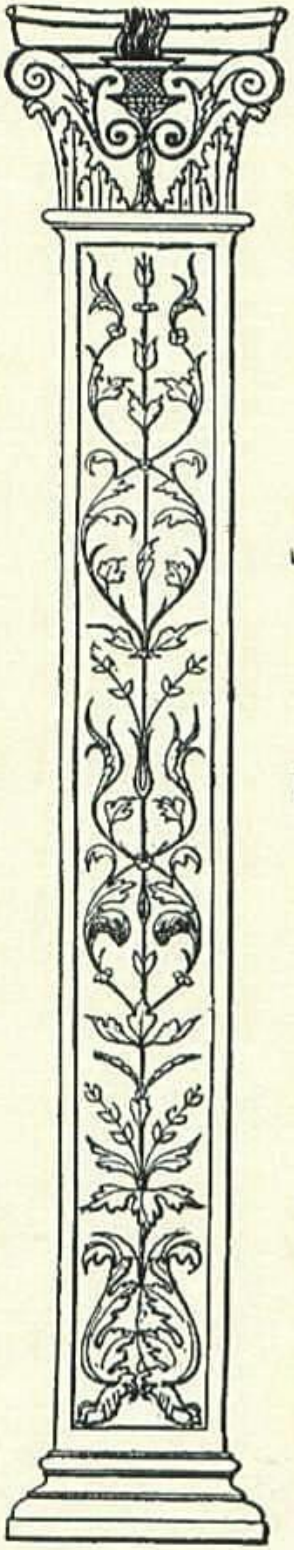

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South Africa welcomes first Marie Curie Outgoing International Fellowship awardee

30 January 2007

Prof. Stoycho Stoev of the Thracian University in Bulgaria recently gained a Marie Curie Outgoing International Fellowship for 2 years in the University of Johannesburg (Doornfontein Campus), South Africa. The fellowship project titled: "An expected multicausal nature of spontaneous animal and human nephropathy in Bulgaria and South Africa" is funded by the European Commision under the Sixth Framework Programme (FP6). The Department of Science and Technology South Africa is also co-investmenting in the project.

Prof. Stoev is collaborating with the Food, Environment and Health Research Group (FEHRG) on the role of selected mycotoxins on human and animal health, in particular mycotoxins involved in Balkan endemic nephropathy (BEN). He has strong evidence to suggest that a combination of penicillic acid and ochratoxin A play a role in BEN, as they create similar symptoms in animals. He now wishes to pursue this by producing large amounts of the toxins in feeds for experimentation and to investigate the situation in South Africa from both an animal and human perspective.

Prof. Stoev's fellowship will allow an in depth collaboration and will be of tremendous value to South Africa in terms of understanding kidney and other related diseases in both animals and rural populations.

For enquiries with the host institution please contact Prof Mike Dutton: Head of Food, Environment and Health Research Group at +27 11 406 2661 or mdutton@uj.ac.za

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First for podiatry in Africa

Mr Richard Masoetsa

Mr Richard Masoetsa, Lecturer in the Department of Podiatry at the University of Johannesburg, graduated in September last year with the first master's degree in Podiatry to be conferred on the African continent.

Mr Masoetsa has been lecturing for over 10 years and is passionate about the positioning of podiatric medicine in the South African health care system. "Through my master's study, I aim to alert the professionals in our industry to new directions that have to be taken in the way forward. My results show a need for the profession to adapt to the democratic changes in our country and contribute in a meaningful way to health policies and government priorities," explains Mr Masoetsa.

His latest project is directed at school children in Soweto. The Podiatry Department's students set up clinics in school halls where children are screened for ailments such as dermatological conditions and orthopaedic problems. Where necessary, they are referred to our own Doornfontein Campus Podiatry Clinic or to any other appropriate medical facility. Next year we aim to raise funds to provide transport for the children who are referred to our Campus Clinic, Mr Masoetsa said.

Considering Mr Masoetsa's activities from community engagement to government lobbying and professional development, the Faculty of Health Sciences is proud to recognise him as a pioneer and role model in podiatric medicine.

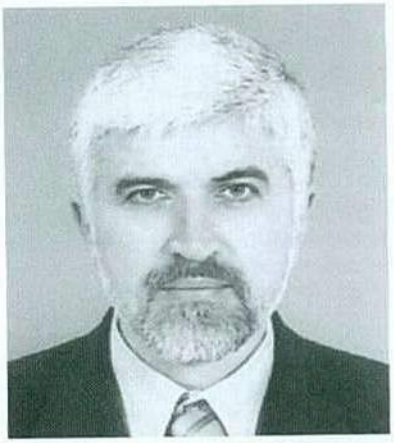
First Madam Curie Traveling Scholar visits Africa

Dr Stoycho Stoev from Trakia University, Bulgaria, is the first Madam Curie Traveling Scholar to visit the African continent. During his two year stay, Dr Stoev will be hosted by the UJ's Faculty of Health Sciences. His visit was initiated by Prof Mike Dutton, Director of the Food and Health Research Group at the Faculty.

During his visit to UJ, Dr Stoev will conduct research into the cause of Balkan Endemic Nephropathy – a fatal condition which destroys the kidneys. This research is linked to the current work being undertaken on mycotoxins by Prof Dutton's research group.

Dr Stoev will draw from his 18 years experience as a veterinary pathologist to find an animal model for the disease and will be producing feed containing the mycotoxins of interest.

Dr Stoev will furthermore assist in supervising research students and will give the occasional specialist lecture.



Dr Stoycho Stoev

Email etiquette @ work

✓

- Always include a subject line in your message and make the subject line meaningful.
- Keep your messages short and focused.
- If you are replying to a message but are changing the subject of the conversation, remember to change the subject line – or better still, start a new message altogether.
- Use correct grammar, spelling and punctuation. Electronic mail is all about communication – poorly-worded and misspelt messages are hard to read and potentially confusing.
- Answer swiftly. People send an email because they wish to receive a quick response.
- Add disclaimers to your internal and external mails, since this can help protect your company from liability.
- Read the email before you send it. A lot of people don't bother to read an email before they send it out, as can be seen from the many spelling and grammar mistakes contained in emails.

X

- Avoid using all capital letters. USING ALL CAPS MAKES IT LOOK LIKE YOU'RE SHOUTING! IT'S ALSO MORE DIFFICULT TO READ.
- Also avoid public "flames" – messages sent in anger.
- Try to avoid topical or local quotes, since they may be meaningless to recipients in other towns, countries or cultures.
- Don't use the CC (Carbon Copy) function to copy your message to everyone.
- Do not attach unnecessary files.
- Do not forward chain letters.
- Do not overuse "Reply to All".

UNIVERSITY OF JOHANNESBURG

Internationalisation @ UJ

VOLUME: 11
ISSUE: 11

"In the End, we will remember not the words of our enemies, but the silence of our friends."
Martin Luther King Jr. (1929-1968)

Africa's first visiting Madam Curie Fellow

Dr Stoycho Stoev from Trakia University, Bulgaria is visiting Professor Mike Dutton's research group (Food, Environment & Health Research Group), Faculty of Health Sciences on a Madam Curie Travelling Fellowship for two years in order to collaborate on research into Balkan Endemic Nephropathy in animals. Since arriving in January 2007, Dr Stoev has visited the Centre for Proteomic & Genomic Research at the University of Cape Town; the University of KwaZulu Natal; and the Faculty of Veterinary Science, University of Pretoria, Onderstepoort.

Left: Professor Mike Dutton (Faculty of Health Sciences), Dr Stoycho Stoev (Trakia University, Bulgaria) and Professor Gerry Swan (Dean, Faculty of Veterinary Science, University of Pretoria)

The latter visit was of great value, as Dr Stoev is a veterinarian specialising in pathology and from this visit joint research into South African and Bulgarian animal diseases and pathology will be set up. "Clearly Dr Stoev's time at the University of Johannesburg will be well spent, especially as he is assisting our post graduate students with technical aspects of their work;" said Professor Dutton.

International Office relocates to Doornfontein Campus

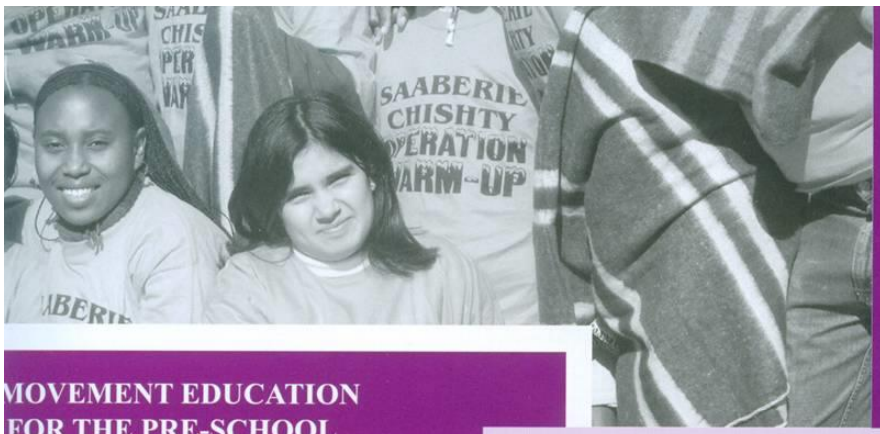
The International Relations Division, under the directorship of Dr Jimmy Ellis, relocated to the Doornfontein campus on 19 June. The division is based in the Administration Building on the second floor.

Said Dr Ellis about his division's recent move to the Doornfontein campus; "The staff of the International Office are committed to ensuring that the high level of services provided to international students are maintained."

To ensure that these services are continued at the APK campus, a 'hot desk' has been set up in the foyer of the Information & Call Centre at A-Ring 1.

According to Dr Ellis, the 'hot desk' will be staffed by an International Student Advisor, five days a week, from 08:00 to 16:00.

The international Student Advisors can be contacted at the following extension numbers: 2019, 6667 or 6080



MOVEMENT EDUCATION FOR THE PRE-SCHOOL

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The underlying principles and values of the National Curriculum for the Foundation Phase underpin the Learning Programmes presented in the manual. The learning outcomes for the "I can learn" section provide an integrative framework for the foundation phase and relates to sciences, technology, economic and management

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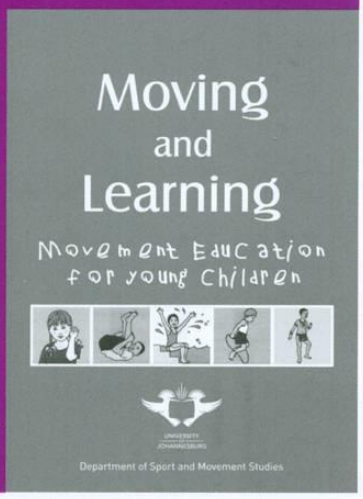
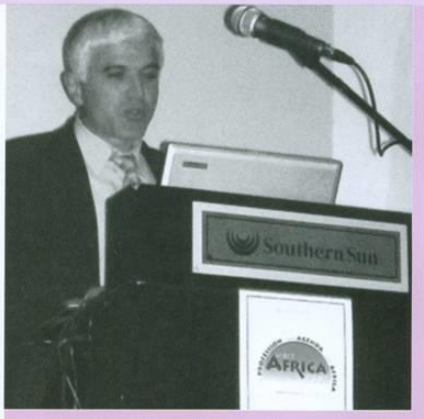


REPORT BACK: MADAM CURIE TRAVELLING SCHOLAR



Dr Stoycho Stoev delivers the opening address at the Vet Africa Congress.

Madam Curie Travelling Scholar, Dr Stoycho Stoev of the Trakia University, Bulgaria, is now well into the second leg of his South African visit. Since joining the Faculty of Health Science's Food, Environment and Health Research Group, Stoev has participated in a number of scientific events including an invitation to open the Vet Africa 2007 Congress by the Board of Trustees of Animal Aid for Africa. Stoev delivered the opening address at the Congress and presented on "Food Safety and some foodborne mycotoxicoses".

Furthermore, Stoev recently received an invitation to give a seminar at the Onderstepoort Veterinary Institute, Pretoria on animal food safety and foodborne mycotoxicoses. He has also initiated and developed a number of national and international collaborations.

Within the University of Johannesburg Stoev is working on cell culture experiments, the production of mycotoxins of interest, mycotoxicological and mycological analyses of target feed and animal samples from Bulgarian and South African farms with porcine nephropathy, and pathological/toxicological comparisons between Bulagrian-African nephropathy.

Stoev is collaborating with the South African Chief State Veterinarian on the selection of feed samples and animal kidney samples. Together with the University of KwaZulu Natal's Biomedical Resources Group, Stoev is carrying out studies on immunocytochemistry and biomonitoring of contaminants. Stoev is also conducting DNA extraction, PCR analysis and DNA sequence of fungi as well as establishment of their toxic potential.

Internationally, Stoev has links with the Institute for Medical Research and Occupational Health based at Croatia's University of Zageb. He also has strong collaborations with Bulgaria's Trakia University in the Faculty of Veterinary Medicine, the Department of Microbial Biochemistry at London's Imperial College and the Laboratory of Toxicology at University of Bordeaux II in France.

Progressing research for fighting Nephropathy

Thanks to **Professor Stoycho Stoev** of the Trakia University, Bulgaria, the intriguing multimycotoxin nature of nephropathy has been prised open for the first time. As the first Marie Curie Outgoing International Fellowship awardee for South Africa, Stoev elaborates on his research

Human, chicken and porcine nephropathies (diseases of the kidney) across Balkan peninsula in Europe, is a major issue. More than 100,000 people from the Balkan countries are suffering from endemic nephropathy – often with a fatal outcome. Porcine nephropathy ranged in Bulgaria is morphologically different and far more prevalent to that found elsewhere in Europe and much more similar to that in humans from the same areas. Further, at this moment in time nephropathy remains a disease of un-clarified aetiology. It is brilliant news therefore that a project titled, 'An expected multicausal nature of spontaneous animal and human nephropathy in Bulgaria and South Africa' is being developed by Professor Stoycho Stoev, recent winner of the Marie Curie Outgoing International Fellowship and collaborator with the Food, Environment and Health Research Group (FEHRG).

The project – which progresses research in the field of nephropathies extensively – is co-funded by the European Commission under the Sixth Framework Programme (FP6) and the Department of Science and Technology South Africa. In addition, it is co-lead by Professor Mike Dutton, director of the FEHRG in the Faculty of Health Sciences of University of Johannesburg.

At the core of the project lies the goal of understanding kidney and other related diseases in both animals and rural populations – i.e. nephropathy. This goal seems to be well chosen too, as recent history has held numerous incidents of severe nephropathy outbreaks in both Scandinavia and the Balkans. Indeed, it was only in the 1960s and 70s that the Danish saw huge outbreaks in their porcine population. With incidences in Bulgaria escalating, Stoev decided to get a fresh perspective on this evolving problem.

Range of enlargement and mottled or pale appearance of affected pig kidneys in Bulgaria, including an example (left) with enlarged renal lymph nodes

"The comparison of the same kind of pathology under very different geographical, environmental and agricultural conditions has given us some new knowledge about a possible polyetiologic nature of this nephropathy," notes Stoev. "Our planned pathomorphological investigations of tissue samples (in addition to toxicological analyses of the same samples) in spontaneous cases of nephropathy in Bulgaria and South Africa, have contributed significantly to clarifying the complex clinicomorphological findings in porcine/chicken/human nephropathies – all of which differ significantly in various countries depending on the aetiological agents (mycotoxins) involved."

In fact, it is the make-up of the nephropathies and its aetiological clarification that most interests Stoev, and is what the project is geared towards. Stoev elaborates on this and some of the project's results, noting that, "these nephropathies can only partly be attributed to nephrotoxic mycotoxin ochratoxin A (OTA) as their incidence in Bulgaria is higher, possibly by one to two orders of magnitude, than it was in Danish pigs. The average concentrations of ochratoxin A in Bulgarian feeds for pigs/chickens (100-200 ppb) were substantially lower than the 1-2 ppm required to reproduce the classical Danish porcine/chicken nephropathy of a similar severity. It seems, therefore, that Bulgarian nephropathy may have a multitoxic aetiology because it cannot be explained by the concentration of OTA alone."

This is groundbreaking research. The possible synergistic effect between ochratoxin A and other mycotoxins is up till now, unproven. This assumption, while yet to be confirmed by Stoev, has been supported / encouraged by recent experiments done by the project. If this is confirmed it will allow scientists to undertake various preventative methods – something they have been unable to do effectively so far thanks to the unclear aetiology of nephropathies.

Research so far

Critically to the project, the assumption of a multi-mycotoxin nature of nephropathy (Bulgarian variant) was supported by their studies, which were published recently in 2008. "A high mean quantity of fumonisin B1 and penicillic acid, but low mean quantity of OTA was found in Bulgarian feeds originated from farms with pig nephropathy," notes Stoev. "This confirmed our suspicions and expectations that Bulgarian nephropathy has completely different multimycotoxic etiology than nephropathy ranged in Scandinavian countries."

In addition, "a strong synergistic effect was recently found between ochratoxin A and penicillic acid," continues Stoev. "The same mycotoxins were found as a frequent contaminant of Bulgarian nephropathy and much less in South African feeds/foods. Further, a new mycotoxic substance, which is a frequent contaminant in lots of the feed samples coming from various farms with mycotoxic nephropathy in Bulgaria and some other African countries, was found via TLC. Now, we are trying to evaluate the possible toxic potential and the chemical structure of this mycotoxic substance via help of some PhD students from various African countries."

As well as publishing papers and research findings, Stoev's project has also given various talks and presentations on the topic of nephropathy. A good example of this can be seen in the information session on the FP7, European-South African Science and Technology Advancement Programme (ESASTAP) within the University of Johannesburg.

As a result of these actions, the Marie Curie fellow on the project was invited to open the Vet Africa Congress, 2007, by The Board of Trustees of Animal Aid for Africa (AAA) with a talk entitled, *Food Safety and some food-born mycotoxicoses*. In addition, various other talks were also given in a brace of subsequent meetings and lectures – these have focusses on the target topics and were delivered in the Onderstepoort Veterinary Institute of Pretoria as well as in Faculty of Health Science of University of Johannesburg, the Veterinary Faculty of University of Pretoria and the University of KwaZulu of Durban in Natal.

The possible synergistic effect between ochratoxin A and other mycotoxins is up till now, unproven. This assumption, while yet to be confirmed by Stoev, has been supported / encouraged by recent experiments done by the project

Professor Stoev would like to thank the following, who without, he could not have progressed so successfully with the project:

- *Director and Deputy Directors of the Strategic Partnership and International Resources of Department of Science and Technology of South African Government*
- *The executive Dean of the Faculty of Health Science at the University of Johannesburg, Professor Andre Swart.*
- *The Chief of State Veterinary Service in Pretoria, Doctor Iordan Petkov.*

"They supported my research work here in a very powerful way and also ensured the necessary funds for a research visit for one of our most important collaborators, Dr. Maja Peraica, from the Institute for Medical Research and Occupational Health in Zagreb, who will supply us with more than 500 serum and urine samples from humans living in Endemic Nephropathy areas of another Balkan country - Croatia."

At a glance

Project Acronym
CAUSE KIDNEY DAMAGE
MOIF-CT-2005-018674

Project Aim
To identify the nature of nephropathies ranged in Bulgaria and some Balkan countries

Project Partners
State Veterinary Service, Pretoria, (SA) • Inquaba Biotec, Pretoria (SA) • Institute for Medical Research and Occupational Health, Zagreb (CR)

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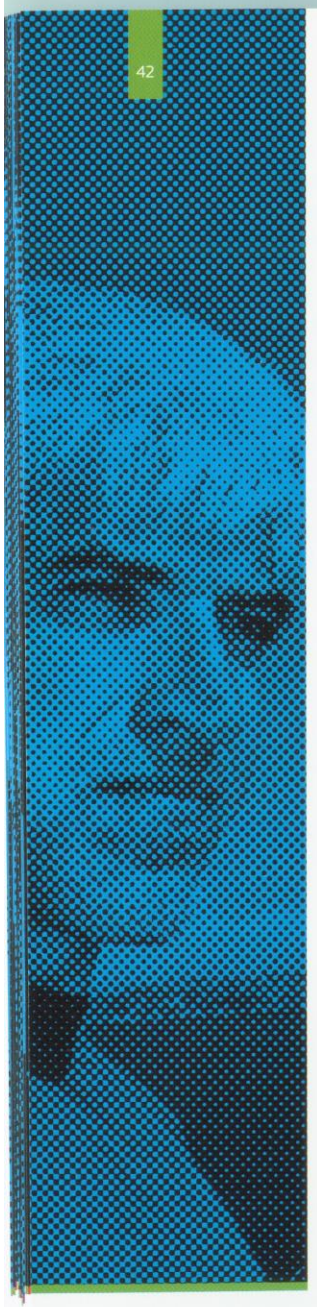
Prof Stoycho Stoev (left)
Prof Michael Dutton (right)

Senior Research Fellows

Professor Mike Dutton – Director of Food Environment and Health Research Group in the Faculty of Health Science, University of Johannesburg.

Professor Stoycho Stoev - Marie Curie Fellow, University of Johannesburg.



Stoycho Dimitrov Stoev

Strengthening African – European research ties

Research on mycotoxic nephropathy, a disease affecting the kidneys, took Bulgarian professor Stoycho Stoev to South Africa. In addition to making some important findings, his experiences led to a deeper appreciation of how international research cooperation can advance scientific discovery.

Stoycho's project addressed the cause of animal/human mycotoxic nephropathies – a kidney disease caused by fungi widely encountered in Bulgaria and South Africa. "My initial intention was to visit South Africa in order to perform some target research, to establish the specific and unusual nature of animal/human nephropathy and to compare the situations in both South Africa and Bulgaria," says Stoycho. "I chose South Africa as this is the country where all mycotoxins suspected to cause this particular nephropathy (such as ochratoxin A and fumonisin B1) have been discovered."

Exceeding expectations

Looking back, Stoycho says that the experience exceeded his wildest expectations. Within the framework of his Fellowship, he discovered that Bulgarian nephropathy may have a multi-mycotoxic origin, because it cannot be explained by a concentration of mycotoxin ochratoxin A (OTA) alone. He went on to identify a possible synergistic effect between OTA and other mycotoxins, such as fumonisin B1, and Penicillic acid, which have been suspected of causing this nephropathy.

> *"This Fellowship helped me to realise my scientific goals, and opened new career possibilities in terms of new collaborations."*

The Fellowship also furthered his career in other ways. "I met the researchers working on some of the mycotoxins involved in this nephropathy, and forged several scientific partnerships with them. Also, I was invited to many international conferences or congresses, and wrote some chapters for books and review papers in some reputable international journals."

Indeed, many articles concerning Stoycho's research in South Africa also appeared in the local press. And his work was highlighted on the European-South African Science and Technology Advancement Programme website, which aims to promote cutting-edge research in the country.

"This Fellowship helped me to realise my scientific goals, and opened new career possibilities in terms of new collaborations," acknowledges Stoycho. "For example, it helped me to receive a Professorship appointment at my own university." Stoycho also feels that he was able to acquire a vast range of new skills in some cutting-edge areas, such as multi-mycotoxin extraction, fungal screening and identification using PCR (polymerase chain reaction) analysis.

Promoting scientific cooperation

While Stoycho was in South Africa, he discovered that he had received the country's first Marie Curie Fellowship, and was therefore keen to promote the value of EU-South African co-operation. As a consequence, he was invited to open the Vet Africa 2007 Congress by the Board of Trustees of Animal Aid for Africa, and gave lectures at a number of South African universities and institutes. He was even invited by the South African government to participate in several strategic meetings. "These included meetings with the Director and Deputy Directors of Strategic Partnership and International Resources at the South African Department of Science and Technology," Stoycho continues. "As a result of my work in South Africa, I was also involved in supervising some local PhD students as a co-supervisor, and participated in regular workshops, conferences and seminars on various subjects, which strengthened my research contacts in South Africa."

Stoycho is currently a Professor at the Faculty of Veterinary Medicine in Trakia University, Bulgaria. He is also currently coordinating another Marie Curie project, this time involving several European, Asian and African countries.

Stoycho Dimitrov Stoev

Age: 51
Nationality: Bulgarian
Fellowship dates: January 2007 – January 2010
Contract number: MOIF-CT-2005-018674
Institution where Fellowship was carried out: University of Johannesburg, South Africa
Research area: Veterinary medicine
Contact: stoev@uni-sz.bg