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(1973-1978): Kharkov University, Biochemistry B.Sc.(Hons).

- 1983:** Кандидат биологических наук, биохимия (Украинский НИИ птицеводства). Тема: «Биохимические и функциональные изменения в тканях и сперме индюков в зависимости от их А- и Е-витаминного питания»
- 1991:** Доктор биологических наук, физиология (Украинский НИИ птицеводства). «Биологические основы и экспресс-методы контроля витаминного питания сельскохозяйственных птиц»
- 1993:** Профессор анатомии и физиологии человека, Харьковский национальный педагогический университет имени Г.С. Сковороды, Украина
- 2001:** Профессор биохимии питания, Шотландский сельскохозяйственный колледж, Великобритания
- 2005:** Приглашенный профессор (биохимия питания), Шотландский сельскохозяйственный колледж, Великобритания
- 2005:** Почетный профессор питания, Сельскохозяйственный университет святого Иштвана, Годолло, Венгрия
- 2005:** Почетный профессор птицеводства и животноводства Тракийского Университета, Стара Загора, Болгария
- 2005:** Почетный профессор (эволюционная биология и экология), Университет Глазго, Великобритания
- 2008:** Почетный профессор животноводства и птицеводства, Сумской национальной аграрный университет, Сумы, Украина
- 2009:** Почетный профессор пищевых технологий, Одесская национальная академия пищевых технологий, Одесса, Украина
- 2010:** Иностраный член Российской академии сельскохозяйственных наук, Москва, Россия

Занимаемые должности:

- 1983-1986:** Старший научный сотрудник отдела Кормления, Украинский НИИ птицеводства
- 1986-1988:** Заведующий лабораторией биологии размножения и искусственного осеменения, Украинский НИИ птицеводства
- 1988-1992:** Ведущий научный сотрудник отдела репродукции, Украинский НИИ птицеводства
- 1992-1993:** Заведующий лабораторией биологически активных веществ, Украинский НИИ птицеводства
- 1993-1997:** Заведующий отделом физиологии, биохимии и питания птиц, Украинский НИИ птицеводства
- 1994-1995:** Исследователь-визитер отдела биохимии, Шотландский сельскохозяйственный колледж, Великобритания
- 1997-1999:** Старший исследователь отдела биохимии и питания, Шотландский сельскохозяйственный колледж, Великобритания
- 1999-2001:** Старший исследователь Исследовательского центра по птицеводству, Шотландский сельскохозяйственный колледж, Великобритания
- 2001-май 2004:** Профессор Исследовательского центра по птицеводству, Шотландский сельскохозяйственный колледж, Великобритания
- Май 2004-май 2009:** Заведующий отделом антиоксидантов, Alltech (UK) Ltd, Alltech House Ryhall Road, Stamford Lincs PE9 1TZ, UK
- С мая 2009** Технический директор, Feed-Food.Ltd, 53 Dongola Road, Ayr, KA7 3BN, Scotland, UK

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Членство в научных обществах:

- С 1988 до
настоящего
времени:** Член Всемирной научной ассоциации по птицеводству (World's Poultry Science Association, WPSA)
- 1992-1996:** Вице-президент Украинского отделения WPSA
- 1999 до
настоящего
времени:** Член Общества по исследованиям окислительных процессов (The Oxygen Society)
- 1999 до
настоящего
времени:** Член консультативного издательского совета «Asian-Australian Journal of Animal Sciences»
- 1999-2004:** Член консультативного издательского совета «Pakistan Journal of Nutrition»
- 2003:** Член консультативного издательского совета «Functional Food & Genomics»
- 2003-2010:** Член Совета Британского отделения WPSA

Премии:

- 1999:** Престижная британская (John Logie Baird) Премия за инновации (1999) за разработку супер-яиц
- 2000:** Престижная премия Всемирной Ассоциации по птицеводству за исследовательскую работу (2000) в ознаменование выдающегося вклада в развитие мирового птицеводства. Премия выдается одному человеку в мире один раз в 4 года за самый большой вклад в развитие мирового птицеводства
- 2003:** Включен в биографическое издание «Кто есть кто в науке и технике» (Biographee 7th Edition of Marquis Who's Who in Science and Engineering)
- 2005:** Включен в биографическое издание «Кто есть кто в науке и технике» (Biographee 8th 2005-2006 Edition of Marquis Who's Who in Science and Engineering)
- 2005:** Приглашенный профессор по биохимии питания (Шотландский с SAC
- 2005:** Почетный профессор (питание) Университета святого Иштвана, Godollo, Венгрия
- 2005:** Почетный профессор (эволюционная и экологическая биология), Университет Глазго, Шотландия, UK
- 2006:** Включен в биографическое издание «Кто есть кто в науке и технике» (Biographee 9th 2006-2007 Edition of Marquis Who's Who in Science and Engineering)
- 2008:** Включен в биографическое издание «Кто есть кто в науке и технике» (Biographee 10th 2008-2009 Edition of Marquis Who's Who in Science and Engineering)
- 2005:** Приглашенный профессор (биохимия питания), Шотландский сельскохозяйственный колледж, Великобритания
- 2008:** Почетный профессор (научные исследования в птицеводство и животноводстве), Сумской национальный аграрный университет, Сумы, Украина
- 2009:** Почетный профессор (пищевые технологии), Одесская национальная академия пищевых технологий, Одесса, Украина
- 2010:** Иностраннный член Российской академии сельскохозяйственных наук, Москва, Россия

Научная биография:

Профессор Питер Сурай начал свою карьеру в Украине после окончания Харьковского государственного университета по специальности «биохимия». Он проработал 15 лет в НИИ птицеводства, где прошел путь от лаборанта до заведующего отделом физиологии, биохимии и питания птицы. Одновременно в 1983 году он защитил кандидатскую диссертацию по специальности «биохимия» и в 1991 году докторскую диссертацию по специальности «физиология человека и животных». Обе диссертации были посвящены кормлению птицы и эффективному использованию витаминов. В 1993 году ему было присвоено звание профессора физиологии человека.

В 1994 году он, получив международный грант, уехал в Великобританию продолжать исследовательскую работу, посвященную антиоксидантам и борьбе со стрессами. В 2000 году ему было присвоено звание британского профессора биохимии питания в Шотландском сельскохозяйственном колледже. В настоящее время он приглашенный профессор этого колледжа.

Принимая во внимание высокий рейтинг исследовательской работы профессора П. Сурая, многие университеты сочли за честь пригласить его стать членом преподавательского состава в качестве почетного профессора. Таким образом, он стал почетным профессором эволюционной биологии и экологии в одном из старейших университетов Шотландии (Университет Глазго), профессором птицеводства в Тракийском университете (Болгария), профессором животноводства в сельскохозяйственном университете Святого Иштвана в Венгрии, профессором птицеводства и животноводства в Сумском национальном аграрном университете и профессором пищевой технологии в Одесской национальной академии пищевых технологий. В 2010 году он был избран иностранным членом Российской сельскохозяйственной академии. Одновременно с университетской работой в 2004-2009 годах он возглавлял отдел антиоксидантов в американской биотехнологической компании Оллтех (Alltech Ltd), где занимался разработкой новых препаратов, включая совершенствование Микосорба – наиболее эффективного адсорбента микотоксинов. В настоящее время он является директором по науке британской компании «Фид-Фуд» (Feed-Food Ltd), совмещая эту работу с исследовательской работой в вышеупомянутых университетах.

На протяжении 34 лет исследовательская работа профессора П. Сурая была сконцентрирована на проблемах кормления птицы, выяснении механизмов развития стрессов и на поисках эффективных путей борьбы со стрессами, включая защиту от микотоксикозов. Его перу принадлежит 707 научных публикаций, включая 129 научных статей в высокорейтинговых англоязычных журналах, 142 статьи на русском языке, пять американских патентов, пять патентов Украины и 10 книг. В 1999 году он получил престижную британскую премию за инновацию (the John Logie Baird Award for Innovation) за разработку «супер-яиц» и в 2000 году на Всемирном конгрессе по птицеводству в Монреале — премию за исследовательскую работу Всемирной ассоциации по птицеводству, которая выдается одному человеку раз в 4 года за самый значимый вклад в развитие мирового птицеводства. За последние 10 лет он выступал с лекциями в 70 странах мира, в последние годы читает лекции для международных аудиторий через Интренет. Выступал оппонентом по диссертациям в Дании, Новой Зеландии и дважды в Канаде.

Две его монографии («Natural Antioxidants in Avian Nutrition and Reproduction» и «Selenium in Nutrition and Health»), изданные Nottingham University Press в 2002 и 2006 годах, стали настольными книгами многих птицеводов. Новая монография «Eggs in Your Life» вышла в Великобритании в 2013 году.

Публикации в рецензируемых журналах (на английском языке)

1. OCHKUR S., KOPEICKA E., SURAI P., GRISHCHENKO V. (1994) The influence of cryopreservation on parameters of energetic metabolism and motility of fowl spermatozoa. *Cryobiology*, **31**: 239-244
2. DORMAN D., DEANS S., NOBLE R., SURAI P. (1995) Evaluation in vitro of plant essential oils as natural antioxidants. *Journal of Essential Oil Research*, **7**: 645-651.
3. SURAI P., WISHART G. (1996) Poultry AI Technology in the countries of the former USSR. *World's Poultry Science Journal*, **52**: 27-43.
4. SURAI P., NOBLE R., SPEAKE B. (1996) Tissue-specific differences in antioxidant distribution and susceptibility to lipid peroxidation during development of the chick embryo. *Biochem. Biophys. Acta*, **1304**: 1-10.
5. GAAL T., VAJDOVICH P., SPEAKE B., NOBLE R., SURAI P. AND MEZES M. (1996) Ageing and lipid peroxidation. *Hungarian Veterinary Journal*, **51**: 165-169.
6. GAAL T., SPEAKE B., MEZES M., NOBLE R., SURAI P., VAJDOVICH P. (1997) Antioxidant parameters and ageing in some animal species. *Comparative Haematology International*, **6**: 208-213.
7. SURAI P., GAAL T., NOBLE R., SPEAKE B. (1997) The relationship between α -tocopherol content of the yolk and its accumulation in the tissues of the newly hatched chick. *Journal of the Science of Food and Agriculture*, **75**: 212-216.

8. SURAI P., KUTZ E., WISHART G., NOBLE R. and SPEAKE B. (1997) The relationship between the dietary provision of α -tocopherol and the concentration of the vitamin in the semen of the chicken: effect on lipid composition and susceptibility to peroxidation. *Journal of Reproduction and Fertility*, **110**: 47-51.
9. MEZES M., SURAI P., SALYI G., SPEAKE B., GAAL T., MALDJIAN A. (1997) Nutritional metabolic diseases of poultry and the disorders of the biological antioxidant defence system. *Acta Veterinaria Hungarica*, **45**: 349-360.
10. SURAI P., KUCHMISTOVA E., SPEAKE B.K., BONDARENKO V. AND LISENKO S. (1997) Lipid peroxidation in avian embryonic tissues. *Biologicheskij Vestnik, Kharkov*, **1**: 12-22.
11. CEROLINI S., SURAI P., MALDJIAN A., GLIOZZI T., NOBLE R. (1997) Lipid composition of semen in different fowl breeders. *Poultry and Avian Biology Reviews*, **8**: 141-148.
12. SURAI P., IONOV I., KUKLENKO T., KOSTJUK I., MacPHERSON A., SPEAKE B., NOBLE R., SPARKS N. (1998) Effect of supplementing the hen's diet with vitamin A on the accumulation of vitamins A and E, ascorbic acid and carotenoids in the egg yolk and in the embryonic liver. *British Poultry Science*, **39**: 257-263.
13. SURAI P., IONOV I., KUCHMISTOVA E., NOBLE R., SPEAKE B. (1998) The relationship between the levels of α -tocopherol and carotenoids in the maternal feed, yolk and neonatal tissues: Comparison between the chicken, turkey, duck and goose. *Journal of the Science of Food and Agriculture*, **76**: 593-598.
14. SURAI P., CEROLINI S., WISHART G., SPEAKE B., NOBLE R., SPARKS N. (1998) Lipid and antioxidant composition of chicken semen and its susceptibility to peroxidation. *Poultry and Avian Biology Reviews*, **9**: 11-23.
15. SURAI P., KOSTJUK I., WISHART G., MacPHERSON A., SPEAKE B., NOBLE R., IONOV I., KUTZ E. (1998) Effect of vitamin E and selenium of cockerel diets on glutathione peroxidase activity and lipid peroxidation susceptibility in sperm, testes and liver. *Biological Trace Element Research*, **64**: 119-132.
16. SURAI P., BLESBOIS E., GRASSEAU I., GHALAH T., BRILLARD J-P., WISHART G., CEROLINI S., SPARKS N. (1998) Fatty acid composition, glutathione peroxidase and superoxide dismutase activity and total antioxidant activity of avian semen. *Comparative Biochemistry and Physiology*. **120B**: 527-533.
17. SURAI P.F., SPEAKE B.K. (1998) Distribution of carotenoids from the yolk to the tissues of the chick embryo. *Journal of Nutritional Biochemistry*, **9**: 645-651.
18. SURAI P.F. and SPEAKE B.K. (1998) Selective excretion of yolk-derived tocotrienols into the bile of chick embryo. *Comparative Biochemistry and Physiology*, **121B**: 393-396.
19. MALDJIAN A., CEROLINI S., SURAI P., SPEAKE B. (1998) The effect of vitamin E, green tea extracts and catechin on the in vitro storage of turkey spermatozoa at room temperature. *Poultry and Avian Biology Reviews*, **9**: 143-151.
20. SPEAKE B.K., DECROCK F., SURAI P.F., GROSCOLAS R. (1999) Fatty acid composition of the yolk lipids of a fish-eating bird, the Emperor Penguin (*Aptenodytes forsteri*). *Lipids*, **4**: 283-290.
21. SURAI P.F., SPEAKE B.K., NOBLE R.C. and SPARKS N.H.C. (1999) Tissue-specific antioxidant profiles and susceptibility to lipid peroxidation of the newly hatched chick. *Biology Trace Element Research*, **68**: 63-78.
22. THOMPSON M.B., SPEAKE B.K., RUSSELL K.J., McCARTNEY R.J., SURAI P.F. (1999) Changes in fatty acid profiles and in protein, ion and energy contents of eggs of the Murray Short-Necked Turtle, *Emydura macquarii* (*Chelonia*, *Pleurodira*) during development. *Comparative Biochemistry and Physiology*, **122A**: 75-84.
23. SURAI P., SPEAKE B., NOBLE R., MEZES M. (1999) Species-Specific Differences in the Fatty Acid Profiles of the Lipids of the Yolk and of the Liver of the Chick. *Journal of the Science of Food and Agriculture*, **79**: 733-736.
24. SURAI P. (1999) Vitamin E in avian reproduction. *Poultry and Avian Biology Reviews*, **10**: 1-60.
25. ROYLE N.J., SURAI P.F., McCARTNEY R.J. and SPEAKE B.K. (1999) Parental investment and egg yolk lipid composition in gulls. *Functional Ecology*, **13**: 298-306.
26. SURAI P. (1999) Tissue-specific changes in the activities of antioxidant enzymes during the development of the chicken embryo. *British Poultry Science*, **40**: 397-405.
27. SURAI P.F., NOBLE R.C., SPEAKE B.K. (1999) Relationship between vitamin E content and susceptibility to lipid peroxidation in tissues of the newly hatched chick. *British Poultry Science*, **40**: 406-410.
28. THOMPSON M.B., STEWART J.R., SPEAKE B.K., RUSSELL K.J., McCARTNEY R.J., SURAI P.F. (1999) Placental nutrition in a viviparous lizard with a complex placenta. *Journal of Zoology, London* . **248**: 295-305.

29. SPEAKE B.K., SURAI P.F., NOBLE R.C., BEER J.V. AND WOOD N. (1999) Differences in egg lipid and antioxidant composition between wild and captive pheasants and geese. *Comparative Biochemistry and Physiology*, **124B**, 1: 101-107.
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31. THOMPSON M.B., SPEAKE B.K., STEWART J.R., RUSSELL K.J., McCARTNEY R.J., SURAI P.F. (1999) Placental nutrition in the viviparous lizard *Niveoscincus metallicus*: the influence of placental type. *Journal of Experimental Biology*, **202** (Pt 21):2985-2992.
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34. DORMAN D., SURAI P., DEANS S. (2000) In vitro Antioxidant Activity of a Number of Plant Essential Oils and Phytoconstituents. *Journal of Essential Oil Research*, **12**: 241-248.
35. SURAI P.F. (2000) Effect of the selenium and vitamin E content of the maternal diet on the antioxidant system of the yolk and the developing chick. *British Poultry Science*, **41**: 235-243.
36. SURAI P.F., MacPHERSON A., SEAKE B.K., SPARKS N.H.C. (1999) Designer egg evaluation in a controlled trial. *European Journal of Clinical Nutrition*, **54**: 298-305.
37. SURAI P.F., ROYLE N.J., SPARKS N.H.C. (2000) Fatty acid, carotenoid and vitamin A composition of tissues of free living gulls. *Comparative Biochemistry and Physiology*, **126A**: 387-396.
38. SURAI P.F., SPARKS N.H.C. (2000) Tissue-specific fatty acid and α -tocopherol profiles in the male chickens depending on dietary tuna oil and vitamin E provision. *Poultry Science*, **79**:1132-1142.
39. SURAI P.F., KUKLENKO T.V. (2000) Effects of vitamin A on the antioxidant systems of the growing chicken. *Asian-Australian Journal of Animal Sciences*, **13**: 1290-1295.
40. SURAI P.F., KUKLENKO T., IONOV I., NOBLE R. AND SPARKS N. (2000) Effect of vitamin A on antioxidant system of the chick during early post-natal development. *British Poultry Science*, **41**: 454-458.
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44. SURAI P.F., SPEAKE B.K., BORTOLOTTI G.R. and NEGRO J.J. (2001) Captivity Diets Alter Egg Yolk Lipids of a Bird of Prey, the American Kestrel, and of a Galliforme, the Red-Legged Partridge. *Physiological and Biochemical Zoology*. **74**(2):153-160 .
45. SURAI P.F. and SPARKS N.H.C. (2001) Comparative evaluation of the effect of two maternal diets on fatty acids, vitamin E and carotenoids in the chick embryo. *British Poultry Science* **42**: 252-259.
46. SURAI P.F., SPEAKE B.K., WOOD N.A.R., BLOUNT J.D., BORTOLOTTI G.R. and SPARKS N.H.C. (2001) Carotenoid discrimination by the avian embryo: A lesson from wild birds. *Comparative Biochemistry and Physiology* **128B**, 4: 743-750.
47. SURAI P.F., SPEAKE B.K. and SPARKS N.H.C. (2001) Carotenoids in avian nutrition and embryonic development. 1. Absorption, availability and levels in plasma and egg yolk. *Journal of Poultry Science*. **38**: N1: 1-27.
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