

**Ivan Kanev**  
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### I. Professional areas

	Speciality	Degree
1	Parasitology	Professor, Dr.Sc., D.V.M.
2	Cytogenetics	Ph.D., CLCp(CG); D.V.M.

### II. Professiona Preparation and Appointments

Institution	Major/ Area	Position
Central laboratory of Helminthology, Bulgarian Academy of Sciences	Helmintyology, Ecology	Research scientisits Senior Researcher Head of Department
Institute of Parasitology Bulgarian Academy of Sciences	Parasitology, Ecology, Cytogenetics	Professor, Dr.Sc., Director of Institute
Institute of Experimental pathology and parasitology, Bulgarian Academy of Sciences	Parasitology, Ecology, Cytogenetics	Professor, Dr.Sc., Director of Institute
Harold W. Manter laboratory of Parasitology, University of Lincoln, USA	Parasitology, Ecology, Cytogenetics	Visiting Professor Courtesy Faculty
Human Genetics laborarories, Manroe-Meyer Institute for Genetics and Rehabilitation, University of Nebraska Medical Center, Omaha, USA.	Genetics and Molecular Biology	Ph.D., D.V.M., CLSp(CG) Diagnostic and Research

### III. Research Projects

	Country	Institution
1	Bulgaria	National Fund for Scientific Investigations
2	Bulgaria	Fund Scientific Investigations
3	Bulgaria	Bulgarian Academy of Sciences
4	USA	National Science Foundation
5	USA	William Campbel Endowment Fund
6	USA	Nebraska Game and Park Committion
7	England	British Council
8	Russia	Russian Academy of Scienes
9	Germany	Deutscher Akademischer Austausch Dienst
10	France	Le Centre National de la Recherche Scientifique
11	Israel	Israely Acaemy of Sciences
12	Spain	Consejo Superior de Investigaciones Scientifica
13	Austria	Ministry of Education
14	Italy	Ministry of Education
15	Poland	Polish Acaemy of Sciences
16	Czechoslovakia	Czechoslovak Acaemy of Sciences
17	Lithuania	Lithuanian Acaemy of Sciences
18	Georgia	Georgian Acaemy of Sciences
19	Kazakhshstan	Kazakhstan Acaemy of Sciences
20	Vietnam	Vietnam Acaemy of Sciences

### IV. Pulications-142

#### 21 Books and Chapters of Books

	Publisher	Number
1	Academic Press, Harcout Brace & Companies, New York	1
2	CAB International, Wallingford, UK	8
3	Kluwer Academic Publishers, Dordrecht, Boston, London	1
4	Publishing House of Bulgarian Academy of Sciences, Sofia	9
5	Publishing House of Russian Academy of Sciences, Moscow	2

#### 121 Full size papers

	Journals	Number of papers
1	Acta Parasitologica Polonica	6
2	Acta Parasitologica Turcica	1
3	Advances in Parasitology	1
4	Annalen des Naturhistorisches Musseum Wien, Austria	2
5	Annales de Parasitologie Humaine et Comparee	5
6	Angewandet Parasitologie	3
7	Applied Parasitology	1
8	Biology	1
9	Bulletin of the Georgian Academy of Sciences	1
10	Comptes rendus de l'Academie Bulgare des Sciences	2
11	Computational and Structural Biotechnology Journal	1

12	Experimental Pathology and Parasitology	14
13	Folia Parasitologica	1
11	Helminthologia	11
14	International Journal of Parasitology	2
15	Journal of Helminthology	4
16	Journal of Parasitology	7
17	Journal of the Association of Genetic Technologists	3
18	Journal of Pharmacology and Therapeutics Parasitology, UK	1
19	Khelmintologia	42
20	Parasite	2
21	Parasitologia, Russia	2
22	Parasitology, UK	1
23	Parasitology Research	1
24	Research and Review in Parasitology	2
25	Systemic Parasitology	2
26	Transaction of the Nebraska Academy of Sciences	1
27	Zeitschrift fur Parasitenkunde	1
28	Zootaxa	1

## V. Scientific meetings-92 presentations in 41 meetings

	Type	Year	Place	Presentations
	World Congresses			
1	ICOPA IV	1978	Poland, Warsaw	2
2	ICIPD VII	1978	Bulgaria, Varna	1
3	WAAVP IX	1981	Hungary, Budapest	1
4	ICOPA VII	1990	France, Paris	3
5	ICOPA VIII	1994	Turkey, Izmir	4
6	BIT's	2013	Cuzhou, China	1

	European Multiquoquiums			
7	EMOP III	1980	England, Cambridge	1
8	EMOP IV	1984	Turkey, Izmir	1
9	EMOP V	1988	Hungary, Budapest	5
10	EMOP VII	1996	Italy, Parma	9
11	IMP II	1997	Israel, Tel Aviv	1
12	EAVP-VII	1997	Spain, Madrid	1

	American Associations			
13	AGT	2003	USA, Georgia, Atlanta	1
14	AGT	2004	USA, California, Los Angelis	2
15	ASHG	2006	USA, Mississippi, N. Orleans	1
16	AGT	2007	USA, Denver, Colorado	2

17	RMCP	1998	Grand Junction, Colorado	1
17	ESA	2012	Canada, Cambridge	1

	Regional and National			
18	Symposium	1977	Bulgaria, Plovdiv	2
19	Conference	1977	Bulgaria, Albena	2
20	Symposium	1979	Germany, Wurzburg	2
21	Conference	1981	Bulgaria, Varna	1
22	Symposium	1981	Bulgaria, Sofia	1
23	Conference	1982	Bulgaria, Sofia	2
24	Symposium	1982	Slovakia, High Tatra	2
25	Conference	1983	Bulgaria, Varna	2
26	Symposium	1983	Bulgaria, Varna	1
27	Conference	1985	Bulgaria, Varna	1
28	Symposium	1986	Slovakia, High Tatra	2
29	Conference	1987	Bulgaria, Varna	15
30	Symposium	1988	England, Reading	1
31	Conference	1988	Bulgaria, Rouse	1
32	Symposium	1989	Czech Republic	3
33	Conference	1990	Germany, Marburg	1
34	Conference	1990	Russia, Kazan	1
35	Conference	1991	England, Liverpool	1
36	Conference	1991	Bulgaria, Sofia	4
37	Conference	1992	Bulgarian, Velingrad	1
38	Conference	1994	Bulgaria, Blagoevgrad	1
39	Symposium	1995	Slovakia, High Tatra	4
40	Conference	1995	Bulgaria, Plovdiv	1
41	Conference	2001	Bulgaria, Sofia	2

## **VI. Research collaborations: With 131 scientists from 50 scientific units**

N0	Name	Working Place	Joint papers
1	Albaret, J-L.	Paris, France	5
2	Alexiev, A	BAS, Bulgaria	5
3	Angelov, I	Vet., Bulgaria	1
4	Angelova, R	BAS, Bulgaria	1
5	Arnaudov, D	Plovdiv, Bulgaria	1
6	Astrukova, N	BAS, Bulgaria	2
7	Atanasov, V	BAS, Bulgaria	3
8	Barsiene, Y	Vilnius, Lithuania	1
9	Bayssade-Doufur, C.	Paris, France	6

10	Bezprozvanich, V.	Vladivostok, Russia	1
11	Boeva, V	MA, Bulgaria	5
12	Busta, J	Czech Republic	15
13	Cassone, J	Paris, France	2
14	Canaris, A.	Montana, USA	1
15	Cerni, M.	GPC, Nebraska, USA	1
16	Collins, M	UNL, Nebraska, USA	2
17	Cole, R.	Wisconsin, USA	1
18	Coufal, K. A.	Colorado, USA	1
19	Christensen, N. O.	Denmark	1
20	Chumburidze, R.	Georgia	1
21	Dacheva, R.	BAS, Bulgaria	4
22	Damianova, A.	BAS, Bulgaria	5
23	Dave, B.	UNMC, Omaha, USA	9
24	DeHaai, K.A	UNMC, Omaha, USA	3
25	Dezfuli, R.	Italy	3
26	Dimirov, V	BAS, Bulgaria	52
27	Dimitrova I.	BAS, Bulgaria	2
28	Dinev, D.	MA, Bulgaria	3
29	Donev, B.	VET, Bulgaria	2
30	Droumev, D.	PHA, Bulgaria	3
31	Droumev, M	PHA, Bulgaria	3
32	Filipov, G	MA, Bulgaria	3
33	Frazer, B	Pennsylvania, USA	1
34	Fried, B.	Pennsylvania, USA	30
35	Eisenhut, U.	Erlangen, Germany	6
36	Gabrashanska, M.	BAS, Bulgaria	4
37	Ganchev, G	MA, Bulgaria	2
38	Gardner, S	UNL, Lincoln, USA	1
39	Genov, T.	BAS, Bulgaria	2
40	Georgiev, B.	PHA, Bulgaria	3
41	Gergova, S.	Bas, Bulgaria	2
42	Gold, D.	Tel Aviv, Israel	9
43	Gonzalez-Lanza, C.	Leon, Spain	1
44	Gorchilova, L	BAS, Bulgaria	12
45	Grabda-Kazubska, B	Warsow, Poland	1
46	Grove, J.	Omaha, Nebraska, USA	2
47	Ha Duy Ngoc	Ha-Noi, Vet-nam	2
48	Halacheva, M.	VET, Bulgaria	1
49	Hemple, T.	UNMC, Omaha, USA	2
50	Hess, M	UNMC, Omaha, USA	3
51	Hrusanov, D.	BAS, Bulgaria	1
52	Huspeni, T	Santa Barbara, USA	3
53	Jelyazkov, P.	VET, Bulgaria	2
54	Jonson, V.	GPC, Lincoln, USA	1

55	Janchev, J.	BAS, Bulgaria	2
56	Kakacheva, D.	BAS, Bulgaria	2
57	Kamburov, P.	VET, Bulgaria	5
58	Kamenov, I.	Vet, Bulgaria	1
59	Kirev, T.	BAS, Bulgaria	1
60	Knapp, S.	Montana, USA	1
61	Komandarev, S.	BAS, Bulgaria	9
62	Kozucharova, E.	VET, Bulgaria	2
63	Kril, A.	BAS, Bulgaria	1
64	Kurashvili, B.	Tbilisi, Georgia	1
65	Kurdova, R.	MA, Bulgaria	3
66	Lie, Kian Joe	San Francisco, USA	2
67	Matsaberidze, G.	Tbilisi, Georgia	1
68	Michov, L.	BAS, Bulgaria	5
69	Michailova, A.	MA, Bulgaria	1
70	Milev, A.	IO Bulgaria	1
71	Minchela, D.	Indiana, USA	2
72	Mircheva, R.	MA, Bulgaria	2
73	Mizinska, Y.	BAS, Bulgaria	2
74	Mizuno, A.	Toyohashi University, Japan	1
75	Mutafova, T	BAS, Bulgaria	20
76	Nasincova, V.	Czech Republic	7
77	Naumova, E.	MA, Bulgaria	1
78	Nedeva, I.	BAS, Bulgaria	3
79	Nedelchev, N.	VET, Bulgaria	2
80	Nesterov, M.	BAS, Bulgaria	5
81	Nguen, Thi Le	Ha-Noi, Viet-Nam	2
82	Nielsen, S.	UNMC, Omaha, Nebreska	1
83	Niewiadimska, K.	Warsow, poland	1
84	Nipper, M.	UNMC, Omaha, Nebreska	1
85	Nollen, P.	Illinois, USA	11
86	Novak, K	UNMC, Omaha, Nebreska	1
87	Oates, D.	GPC, Lincoln, USA	2
88	Odening, K.	Berlin, Germani	2
89	Olney, A.	UNMC, Omaha, USA	1
90	Ossikovski, E.	BAS, Bulgaria	2
91	Ostrowski de Nunez	BuenosAires, Argent.	3
92	Panaiotova, M.	BAS, Bulgaria	3
93	Petrov, D.	VET, Bulgaria	3
94	Petrov, P.	MA, Bulgaria	4
95	Petkov, B.	PHA, Bulgaria	1
96	Pickering, D.	UNMC, Omaha, Nebreska, USA	2
97	Pino de Morales, L.	Leon, Spain	1
98	Poljakova-Krusteva	BAS, Bulgaria	3
99	Prelezov, P.	VET, Bulgaria	1

100	Radev, V.	BAS, Bulgaria	60
101	Rousev, I.	VET, Bulgaria	2
102	Samnaliev, P.	BAS, Bulgaria	4
103	Sanger, W.	UNMC, Omaha, USA	9
104	Sanmann, J.N.	UNMC, Omaha, Nebraska, USA	3
105	Sattmann, H.	Vienna, Austria	7
106	Schaefer, G. B.	UNMC, Omaha, USA	2
107	Shishov, B.	Moscow, Russia	3
108	Sorensen, B.	Indiana, USA	4
109	Spakulova, M.	Slovak Republic	2
110	Starr, L.J.	UNMC, Omaha, Nebraska, USA	2
111	Stefcheva, S.	MA, Bulgaria	1
112	Sterener, M.	Wisconsin, USA	5
113	Stoitsova, S.	BAS, Bulgaria	1
114	Svietlikowski, M	Warsaw, Poland	2
115	Svilenov, D.	BASA, Bulgaria	4
116	Tanchev, T.	VET, Bulgaria	2
117	Timanova, A.	BAS, Bulgaria	2
118	Toncheva, V	VET, Bulgaria	1
119	Tzolov, D.	BAS, Bulgaria	4
120	Tzvetkov, Y.	VET, Bulgaria	1
121	Van Dyke, Z. A.	Texas, USA	2
122	Vassilev, I.	BAS, Bulgaria	53
123	Vladimirova, A.	MA, Bulgaria	2
124	Vuchev, D.	MA, Bulgaria	2
125	Vutova, K.	MA, Bulgaria	1
126	Wai-Ning, M.	UNO, Omaha, Nebraska, USA	2
127	Wallner/Pendenton,	GPC, Lincoln, USA	1
128	Wiggins, M.	UNMC, Omaha, Nebraska, USA	4
129	Zeleski, D.	UNMC, Omaha, USA	5
130	Zeleva, R.	MA, Bulgaria	1
131	Zorlinski, P.	VET, Bulgaria	2

## VII. Awards and Honors

	Year	In the United States of America
1	2008	“Golden Eagle” prize. Awarded by the Bulgarian-American Association in Chicago
2	2007	“The Man of the Year”. Nominated by the Bulgarian-American Association in Chicago
3	2005	<a href="#">Research Fellow at the Harold W Manter Laboratory of Parasitology, the University of Nebraska Lincoln.</a>

4	1998	“Scientists from abroad with extraordinary ability”. Nominated by universities in Illinois, Pennsylvania and Nebraska and awarded by the United States Department of Justice and Immigration.
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		In Russia
5	1996	A medal “100 years Academician Konstantin Ivanovich Skrjabin”. Awarded by the Institute of parasitology at the Russian Academy of Sciences.
6	1997	<a href="#">Fellow of the Society of Parastologists of the Russian Academy of Sciences.</a> <a href="#">Elected by the Russian Society of Parasitologists.</a>

		In Israel
7	2001	“Medal”. Awarded for the successful work on project funded by the Israel Academy of Sciences.

		In Germany
8	1985	“Special honor presentation”. Prepared and presented in Germany by the President of the German Society for Parasitology.

## Ivan Kanev

### List of Publications

Kanev I, Sanger W, Yoshikawa K, Ning-Mei W, Mizuno A, Vasilevskaya V, Notinger P, Toureille A, Haynadzki G, Novak K. 2016. Searching for issues and solutions concerning the construction and function of chromosomes and diseases and syndromes with a chromosomal etiology. P. 64. Alfa Tandem Ltd. ISBN 978-619-90719-0-8.

Toledo, R., Radev V., I Kanev I., Gardner, S.L., Fried, B. 2014. History of Echinostomes (Trematoda). *Acta Parasitologica*, 2014, 59(4), 553–565; ISSN 1230-2821

Kanev, I., Mei, W-N., Mizuno, A., DeHaai, K., Sanmann, J., Hess, M., Starr, L., Grove, J., Dave, B., and Sanger, W. 2013. Searching for Electrical Properties, Phenomena and Mechanisms in the Construction and Function of Chromosomes. *Computational and Structural Biotechnology Journal*. Volume: 6(7):1-13. <http://dx.doi.org/10.5936/csbj.201303007>

Radev, V., I. Kanev, D. Hrusanov, B. Fried. 2009. Reexamination of the life cycle of *Isthmiophora melis* (Schrank, 1788) (Trematoda: Echinostomatidae) on materials from Southeast Europe. *Parasitology* (Sanct Petersburg, Russia) 43(6): 445-453.

Kanev, I., B. Fried, V. Radev. 2009. Collar spine models in the genus *Echinostoma* (Trematoda: Echinostomatidae). *Parasitology Research*, 105 (4): 921-927. <http://link.springer.com/article/10.1007%2Fs00436-009-1475-0>



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- Radev, V., I. Kanev, B. Fried. 2006. Comments on eye flukes (Philioptalmidae Loss, 1899) in the genera *Philophthalmus* and *Natterophthalmus* with a re-description of the type-species of *Natterophthalmus*. *Zootaxa*, 1223:19-22.  
<http://biostor.org/reference/16583>
- Oates, D., E.A. Wallner-Pendleton, I. Kanev, M.C. Sterner, H.E. Cerny, M. Collins, R. Bischof, E.D. Boyd. 2005. A survey of infectious diseases and parasites in wild turkeys from Nebraska. *Transaction of the Nebraska Academy of Sciences*, 30: 25-31. <http://digitalcommons.unl.edu/tnas/45/>
- Kanev, I., V. Radev, B. Fried. 2005. Family Philophthalmidae Looss, 1899. In: *Keys to the Trematoda*. Eds. A. Jones, R. Bray, D. Gibson. CAB International, Wallingford, UK, vol. II: 87-97. [http://www.alibris.com/Keys-to-the-Trematoda-Volume-2/book/9174470?cm\\_sp=2rec-\\_-RHS-\\_-p1-0](http://www.alibris.com/Keys-to-the-Trematoda-Volume-2/book/9174470?cm_sp=2rec-_-RHS-_-p1-0)
- Radev, V., S. Gardner, I. Kanev. 2005. Family Rhopaliidae Looss, 1899. In: *Keys to the Trematoda*. Eds. A. Jones, D. Gibson, R. Bray. CAB International, Wallingford, UK, vol. II:119-121. [http://www.alibris.com/Keys-to-the-Trematoda-Volume-2/book/9174470?cm\\_sp=2rec-\\_-RHS-\\_-p1-0](http://www.alibris.com/Keys-to-the-Trematoda-Volume-2/book/9174470?cm_sp=2rec-_-RHS-_-p1-0)
- Dimitrov V., I. Kanev, V. Radev. 2003. Argentophilic structures of the *Psilotrema spiculigerum* (Muchling, 1898) Odhner, 1913 (Trematoda: Psilostomidae) miracidia on material from Bulgaria. *Experimental Pathology and Parasitology*, 5/10: 34-38.
- Dimitrov, V., I. Kanev, V. Radev. 2003. Argentophilic structures of the miracidia of *Sphaeridiotrema globulus* (Rudolphi, 1814) (Trematoda: Psilostomidae). *Experimental Pathology and Parasitology*, 5/10:28-33.
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Dimitrov, V., I. Kanev, A. Alexiev, V. Radev, M. Nestorov. 2002. Research on the eggs, the formation of embryos and hatching of miracidia of *Sphaeridiotrema globulus* (Rudolphi, 1814) (Digenea) using materials from the USA. Experimental Pathology and Parasitology, 4/ 6: 3-7.

Dimitrov, V., T. Huspeni, I. Kanev, V. Radev. 2001. Chaetotaxy of the cercariae of *Parorchis acanthus* (Nicoll, 1906) Nicoll, 1907 (Trematoda: Philophthalmidae) on materials collected in the USA. Experimental Pathology and Parasitology, 4/5: 7-12.

- Dimitrov, V., T. Huspeni, I. Kanev, V. Radev. 2001. Sensillae of the cercariae of *Himasthla rhigedana* Dietz, 1909 (Trematoda: Echinostomatidae). *Experimental Pathology and Parasitology*, 4/ 5: 3-6.
- Kanev, I., M. Sterner, V. Radev, B. Fried. 2000. An overview of the biology of echinostomes. In: *Echinostomes as Experimental Models for Biological Research*. Eds. Bernard Fried and Taddeus Graczyk. Kluwer Academic Publishers, Dordrecht, Boston, London: 1-29. [http://serials.unibo.it/cgi-ser/start/en/spogli/df-s.tcl?prog\\_art=7116150&language=ENGLISH&view=articoli](http://serials.unibo.it/cgi-ser/start/en/spogli/df-s.tcl?prog_art=7116150&language=ENGLISH&view=articoli)
- Radev, V., I. Kanev, D. Gold. 2000. Life cycle and identification of an eyefluke from Israel transmitted by *Melanoides tuberculata* (Muller, 1774). *Journal of Parasitology*, 86(4): 773-776. <http://europepmc.org/abstract/MED/10958455>
- Dimitrov V., I. Kanev, M. Panaiotova, V. Radev, D. Gold 2000. Argentophilic structures of the miracidia and cercariae of *Philophthalmus distomatosa* n.comb. from Israel. *Journal of Parasitology* 86(6): 1239-1243. <http://cabdirect.org/abstracts/20013021062.html;jsessionid=5C5B29C2BAFDC676D3A6BB10833A71A6>
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- Dimitrov, V., I. Kanev, R. Sorensen, A. Alexiev, M. Nestorov, V. Radev. 1999. Studies on the argentophilic structures of two populations of *Echinostoma revolutum* (Froelich, 1802) (Trematoda: Echinostomatidae) miracidia. *Experimental Pathology and Parasitology*, 3: 3-6.
- Mutafova, T., V. Radev, I. Kanev, D. Gold. 1999. Comparative studies of *Philophthalmus* spp. Karyotypes. *Experimental Pathology and Parasitology*, 2: 60-65.

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