

Faculty Details

Name- Dr. Shubhadeep Roychoudhury,
MSc & PhD (Slovakia), PDF (USA)
Designation- Asst. Professor



Department: Life Science and Bioinformatics

Email- shubhadeep1@gmail.com

Year of Joining: 2010

Areas of Interest/Specialization: Reproductive Biology, Human and Environmental Health

Experience: 10 years

Career Profile:

- MSc & PhD Biotechnology in 2007 & 2010 from Slovakia under Slovak Govt. Scholarship
- INSA Visiting Scientist, Pedagogical University of Krakow, Cracow, Poland 2013
- Visiting Scientist, Mendel University in Brno, Czech Republic 2013
- Research Fellow in Andrology/Urology, Cleveland Clinic, Cleveland, Ohio, USA 2015-16
- Visiting Scientist, Slovak University of Agriculture in Nitra, Slovakia 2014 & 2017
- Visiting Professor, Mendel University in Brno, Czech Republic 2019

Education qualification:

Post-doctoral research: Research Fellow in Andrology/Urology, Cleveland Clinic, Cleveland, Ohio, USA

Ph.D.- Biotechnology from Slovak University of Agriculture in Nitra, Slovak Republic, Europe

M.Sc.- Biotechnology from Slovak University of Agriculture in Nitra, Slovak Republic, Europe

Honours/Awards (National/ International):

Sl. No.	Name of Awarding Body	Honour/Award	Year & Level
1	Govt. of Slovakia and Govt. of India (under bilateral cultural exchange program of students)	Slovak Govt. Scholarship for M.Sc. in Biotechnology in Slovak University of Agriculture in Nitra, Slovak Republic, Europe	2005 International
2	Govt. of Slovakia and Govt. of India (under bilateral cultural exchange program of students)	Slovak Govt. Scholarship for Ph.D. in Biotechnology in Slovak University of Agriculture in Nitra, Slovak Republic, Europe	2007 International
3	Slovak University of Agriculture in Nitra, Slovak Republic, Europe	Rector's Award for excellent performance in Master's studies in the Faculty of Biotechnology & Food Sciences	2007 International

4	Slovak Academy of Agricultural Sciences, Slovak Republic, Europe	Young Scientist of the Year 2008 for best scientific work in agriculture in the field of animal production	2008 International
5	Faculty of Biotechnology & Food Sciences, Slovak University of Agriculture in Nitra, Slovak Republic, Europe	Honorary Recognition Award for excellent academic performance, scientific activity & spreading good name of the Faculty in PhD	2010 International
6	Indian National Science Academy (INSA), New Delhi, India	INSA-Polish Academy of Sciences Exchange Scientist in Pedagogical University of Krakow, Cracow, Poland	2013 International
7	Mendel University in Brno, Czech Republic, Europe	Visiting Scientist in Department of Animal Morphology, Physiology & Genetics	2013 International
8	Slovak Academic Information Agency (SAIA), Ministry of Education, Science, Research and Sport of the Slovak Republic, Europe	National Scholarship of Slovakia as Visiting Scientist in Slovak University of Agriculture in Nitra	2014 International
9	Department of Biotechnology (DBT), Government of India's DBT Overseas Associateship	Research Fellow in Urology/Andrology in Cleveland Clinic, Ohio, USA	2015 International
10	Slovak Academic Information Agency (SAIA), Ministry of Education, Science, Research and Sport of the Slovak Republic, Europe	National Scholarship of Slovakia as Visiting Scientist in Slovak University of Agriculture in Nitra	2017 International
11	Science Academies (Indian Academy of Sciences, Indian National Science Academy & National Academy of Sciences India)	IASc-INSA-NASI Focus Area Science Technology Summer Fellowship (FAST-SF)	2017 National
12	Mendel University in Brno, Czech Republic, Europe	Visiting Professor in Department of Animal Morphology, Physiology & Genetics	2019 International

Research Projects:

Completed projects:

SL	Title	Sponsored by	Start date	End date	Fund
1	Effect of heavy metals & pesticides on male fertility & testicular carcinoma in situ: Resveratrol, coenzyme Q10 targeting the therapeutic machinery of pre-cancerous cellular condition	Department of Biotechnology, Govt. of India	2012	2015	42 Lakhs

International Collaboration/Consultancy:

- Slovak University of Agriculture in Nitra, Slovak Republic, Europe
- Pedagogical University of Krakow, Cracow, Poland
- Mendel University in Brno, Brno, Czech Republic
- Cleveland Clinic, Cleveland, Ohio, USA
- Aalto University, Espoo, Finland
- MAHSA University, Selangor, Malaysia

Research group:

Reproductive Biology, Human & Environmental Health Research Group (Roychoudhury Lab)

Best Peer Reviewed Publications (up to 5):

1. Agarwal A, Sharma R, **Roychoudhury S**, du Plessis SS, Sabanegh E. MiOXSYS: a novel method of measuring oxidation reduction potential in semen and seminal plasma. *Fertility and Sterility* 106, 566-573, 2016, Impact Factor 5.208.
2. **Roychoudhury S**, Sharma R, Sikka S, Agarwal A. Diagnostic application of total antioxidant capacity in seminal plasma to assess oxidative stress in male factor infertility. *Journal of Assisted Reproduction and Genetics* 33, 627-635, 2016, Impact Factor 2.405.
3. **Roychoudhury S**, Maldonado-Rosas I, Esteves SC, Henkel R, Sharma R. Human sperm handling in intracytoplasmic sperm injection processes: In vitro studies on mouse oocyte activation, embryo development competence and sperm oxidation-reduction potential. *Andrologia* 50, e12943, 2018, Impact Factor 1.84.
4. **Roychoudhury S**, Das A, Sengupta P, Dutta S, Roychoudhury S, Paul Choudhury A, Ahmed ABF, Bhattacharjee S, Slama P. Viral Pandemics of the Last Four Decades: Pathophysiology, Health Impacts and Perspectives. *International Journal of Environmental Research and Public Health* 17, 9411, 2020, Impact Factor 2.849.
5. **Roychoudhury S**, Jha NK, Kesari KK, Roychoudhury S, Jha SK, Kosgi R, Paul Choudhury A, Lukac N, Madhu NR, Kumar D, Slama P. Viral pathogenesis of SARS-CoV-2 infection and male reproductive health. *Open Biology* 11, 200347, 2021, Impact Factor 4.93.

List of Publications:

Author(s)	Article	Journal	Year, Volume, Page	Impact Factor
Roychoudhury S, Massanyi P	<i>In vitro</i> copper inhibition of the rabbit spermatozoa motility	Journal of Environmental Science and Health Part A-Toxic/Hazardous Substances & Environmental Engineering	2008, 43(6), 651-9	1.28
Roychoudhury S, Bulla J, Curlej J, Chrenek P	Hypodiploidy as a prominent attributor to chromosomal aneuploidy in transgenic rabbit embryos	Czech Journal of Animal Science	2008, 53(9), 388-97	1.008
Roychoudhury S, Jedlicka J, Ondruska L, Bulla J, Massanyi P, Kolesarova A	Does 50 Hz extra low frequency electromagnetic field affect rabbit spermatozoa motility <i>in vitro</i> ?	Research Journal of Biotechnology	2008, Spl. issue, 244-9	0.233
Roychoudhury S, Jedlicka J, Parkanyi V, Rafay J, Ondruska L, Massanyi P, Bulla J	Influence of a 50 Hz extra low frequency electromagnetic field on spermatozoa motility and fertilization rates in rabbits	Journal of Environmental Science and Health Part A-Toxic/Hazardous Substances & Environmental Engineering	2009, 44(10), 1041-7	1.536
Maiorano G, Ciarlariello A, Cianciullo D, Roychoudhury S, Manchisi A	Effect of suckling management on productive performance, carcass traits and meat quality of Comisana lambs	Meat Science	2009, 83(3), 577-83	3.483
Roychoudhury S, Massanyi P, Slamecka J, Chlebec I, Trandzik J, Bulla J, Okab AB, Taha TA, Salem MH, Ayoub MA	<i>In vitro</i> gossypol induced spermatozoa motility alterations in rabbits	Journal of Environmental Science and Health Part B-Pesticides Food Contaminants and Agricultural Wastes	2009, 44(7), 730-41	1.463

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Kundu CR, Roychoudhury S	Malathion-induced sublethal toxicity on the hematology of cricket frog (<i>Fejervarya limnocharis</i>)	Journal of Environmental Science and Health Part B- Pesticides Food Contaminants and Agricultural Wastes	2009, 44(7), 673-80	1.463
Capcarova M, Kolesarova A, Lukac N, Sirotkin A, Roychoudhury S	Antioxidant status and selected biochemical parameters of porcine ovarian granulosa cells exposed to lead <i>in vitro</i>	Journal of Environmental Science and Health Part A- Toxic/Hazardous Substances & Environmental Engineering	2009, 44(14), 1617-23	1.536
Roychoudhury S, Massanyi P, Bulla J, Choudhury MD, Straka L, Lukac N, Formicki G, Dankova M, Bardos L	<i>In vitro</i> copper toxicity on rabbit spermatozoa motility, morphology and cell membrane integrity	Journal of Environmental Science and Health Part A- Toxic/Hazardous Substances & Environmental Engineering	2010, 45(12), 1482-91	1.536
Kolesarova, A, Roychoudhury S, Slivkova J, Sirotkin A, Capcarova M, Massanyi P	<i>In vitro</i> study on the effects of lead and mercury on porcine ovarian granulosa cells	Journal of Environmental Science and Health Part A- Toxic/Hazardous Substances & Environmental Engineering	2010, 45(3), 320-31	1.536
Roychoudhury S, Massanyi P, Bulla J, Choudhury MD, Lukac N, Filipejova T, Trandzik J, Toman R, Almasiova V	Cadmium toxicity at low concentration on rabbit spermatozoa motility, morphology and membrane integrity <i>in vitro</i>	Journal of Environmental Science and Health Part A- Toxic/Hazardous Substances & Environmental Engineering	2010, 45(11), 1374-83	1.536

Author(s)	Article	Journal	Year, Volume, Page	Impact Factor
Slivkova J, Massanyi P, Pizzi F, Trandzik F, Roychoudhury S , Lukac N, Dankova M, Almasiova V	<i>In vitro</i> toxicity of mercuric chloride on rabbit spermatozoa motility and cell membrane integrity	Journal of Environmental Science and Health Part A-Toxic/Hazardous Substances & Environmental Engineering	2010, 45(6), 767-74	1.563
Kolesarova, A, Sirotkin A, Roychoudhury S , Capcarova M	Puberty related changes in hormonal levels, productive performance, carcass traits, and their interactions in Slovakian White gilts	Asian-Australasian Journal of Animal Sciences	2010, 23(2), 182-7	1.227
Roychoudhury S , Bulla J, Massanyi P, Choudhury MD	Copper affects spermatozoa motility, morphology and cell membrane integrity in rabbits <i>in vitro</i> . Abstract	Journal of Biotechnology	2010, 150 (Supl.), 451	3.163
Lukac N, Bardos L, Stawarz R, Roychoudhury S , Makarevich AV, Chrenek P, Danko J, Massanyi P	<i>In vitro</i> effect of nickel on bovine spermatozoa motility and annexin V-labeled membrane changes	Journal of Applied Toxicology	2011, 31(2), 144-9	3.065
Lukac N, Massanyi P, Roychoudhury S , Capcarova M, Tvrda E, Knazicka Z, Kolesarova A, Danko J	<i>In vitro</i> effects of radiofrequency electromagnetic waves on bovine spermatozoa motility	Journal of Environmental Science and Health Part A-Toxic/Hazardous Substances & Environmental Engineering	2011, 46(12), 1417-23	1.536

Author(s)	Article	Journal	Year, Volume, Page	Impact Factor
Tancin V, Macuhova L, Oravcova M, Uhrincat M, Kulinova K, Roychoudhury S , Marnet PG	Milkability assessment of Tsigai, Improved Valachian, Lacaune and F1Crossbred ewes (Tsigai x Lacaune, Improved Valachian x Lacaune) throughout lactation	Small Ruminant Research	2011, 97(1-3), 28-34	1.21
Kundu CR, Roychoudhury S , Capcarova M	Malathion-induced sublethal toxicity on the intestine of cricket frog (<i>Fejervarya limnocharis</i>)	Journal of Environmental Science and Health Part B- Pesticides Food Contaminants and Agricultural Wastes	2011, 46(8), 691-6	1.463
Krockova J, Massanyi P, Toman R, Danko J, Roychoudhury S	<i>In vivo</i> and <i>in vitro</i> effect of bendiocarb on rabbit testicular structure and spermatozoa motility	Journal of Environmental Science and Health Part A- Toxic/Hazardous Substances & Environmental Engineering	2012, 47(9), 1301-11	1.536
Massanyi P, Bardos L, Roychoudhury S , Stawarz R	Special Issue: Xenobiotics impact on animal and human health: Distribution and toxic effects on reproduction - Foreword	Journal of Environmental Science and Health Part A- Toxic/Hazardous Substances & Environmental Engineering	2012, 47(9), 1201	1.536
Nath S, Choudhury MD, Roychoudhury S , Das Talukdar A, Misro MM	Male contraceptive efficacy of <i>Ricinus communis</i> L. extract	Journal of Ethnopharmacology	2013, 149(1), 328-34	3.414
Roychoudhury S , Bulla J, Sirotkin AV, Kolesarova A	<i>In vitro</i> changes in porcine ovarian granulosa cells induced by copper	Journal of Environmental Science and Health Part A- Toxic/Hazardous Substances & Environmental Engineering	2014, 49(6), 625-33	1.536

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Roychoudhury S, Sirotkin AV, Toman R, Kolesarova A	Cobalt-induced hormonal and intracellular alterations in rat ovarian fragments <i>in vitro</i>	Journal of Environmental Science and Health Part A-Toxic/Hazardous Substances & Environmental Engineering	2014, 49(12), 971-7	1.463
Roychoudhury S, Detvanova L, Sirotkin AV, Toman R, Kolesarova, A	<i>In vitro</i> changes in secretion activity of rat ovarian fragments induced by molybdenum	Physiological Research	2014, 63(6), 807-9	1.701
Knazicka Z, Forgacs Z, Lukacova J, Roychoudhury S, Massanyi P, Lukac N	Endocrine disruptive effects of cadmium on steroidogenesis: Human adrenocortical carcinoma cell line NCI-H295R as a cellular model for reproductive toxicity testing	Journal of Environmental Science and Health Part A-Toxic/Hazardous Substances & Environmental Engineering	2015, 50(4), 348-56	1.536
Kolesarova A, Sirotkin AV, Mellen M, Roychoudhury S	Possible intracellular regulators of female sexual maturation	Physiological Research	2015, 64(3), 379-86	1.701
Binkowski LJ, Rogozinski P, Roychoudhury S, Brulinski K, Kucharzewski M, Laciak T, Massanyi P, Stawarz R	Accumulation of metals in cancerous and healthy tissues of patients with lung cancer in southern Poland	Journal of Environmental Science and Health Part A-Toxic/Hazardous Substances & Environmental Engineering	2015, 50(1), 9- 15	1.563

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Roychoudhury S, Massanyi P, Slivkova J, Formicki G, Lukac N, Slamecka J, Slama P, Kolesarova, A	Effect of mercury on porcine ovarian granulosa cells <i>in vitro</i>	Journal of Environmental Science and Health Part A-Toxic/Hazardous Substances & Environmental Engineering	2015, 50(8), 839-45	1.536
Agarwal A, Durairajanayagam D, Tatagari S, Esteves SC, Harlev A, Henkel R, Roychoudhury S, Homa S, Puchalt NG, Ramasamy R, Majzoub A, Ly KD, Tvrda E, Assidi M, Kesari K, Sharma R, Banihani S, Ko E, Abu-Elmagd M, Gosalvez J, Bashiri A	Bibliometrics: Tracking research impact by selecting the appropriate metrics	Asian Journal of Andrology	2016, 18(2), 296-309	2.862
Agarwal A, Sharma R, Roychoudhury S, Du Plessis S, Sabanegh E	MiOXSYS: a novel method of measuring oxidation reduction potential in semen and seminal plasma	Fertility and Sterility	2016, 106(3), 566-73	5.411
Roychoudhury S, Nath S, Massanyi P, Stawarz R, Kacaniova M, Kolesarova A	Copper-induced changes in reproductive functions: <i>in vivo</i> and <i>in vitro</i> effects	Physiological Research	2016, 65(1), 11-11	1.701

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Roychoudhury S, Sharma R, Sikka S, Agarwal A	Diagnostic application of total antioxidant capacity in seminal plasma to assess oxidative stress in male factor infertility	Journal of Assisted Reproduction and Genetics	2016, 33(5), 627-35	2.82
Toman R, Hluchy S, Cabaj M, Massanyi P, Roychoudhury S, Tunegova M	Effect of separate and combined exposure of selenium and diazinon on rat sperm motility by computer assisted semen analysis	Journal of Trace Elements in Medicine and Biology	2016, 38, 144-9	2.895
Krockova J, Roychoudhury S, Slanina T, Formicki G, Binkowski LJ, Ondruska L, Lukac N, Kovacova R, Stawarz R, Massanyi P	Lead induced alterations in rabbit spermatozoa motility and morphology <i>in vitro</i>	Czech Journal of Animal Science	2016, 61(9), 391-406	1.008
Agarwal A, Roychoudhury S, Sharma R, Gupta S, Majzoub A, Sabanegh E	Diagnostic application of oxidation-reduction potential assay for measurement of oxidative stress: clinical utility in male factor infertility	Reproductive Biomedicine Online	2017, 34(1), 48-57	2.93
Roychoudhury S, Agarwal A, Virk G, Cho CL. 2017	Potential role of green tea catechins in the management of oxidative stress-associated infertility	Reproductive Biomedicine Online	2017, 34(5), 487-98	2.93

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Kacaniova M, Terentjeva M, Vukovic N, Puchalski C, Roychoudhury S , Kunova S, Kluga A, Tokar M, Kluz M, Ivanisova E	The antioxidant and antimicrobial activity of essential oils against <i>Pseudomonas</i> spp. isolated from fish	Saudi Pharmaceutical Journal	2017, 25(8), 1108-16	3.643
Sarma K, Roychoudhury S , Bora SS, Dehury B, Parida P, Das S, Das R, Dohutia C, Nath S, Deb B, Modi MK	Molecular modeling and dynamics simulation analysis of KATNAL1 for identification of novel inhibitor of sperm maturation	Combinatorial Chemistry and High Throughput Screening	2017, 20(1), 82-92	1.503
Hussain G, Roychoudhury S , Singha B, Paul J	Incidence of <i>Cryptosporidium andersoni</i> in diarrheal patients from southern Assam, India: A molecular approach	European Journal of Clinical Microbiology & Infectious Diseases	2017, 36(6), 1023-32	2.591
Roychoudhury S , Halenar M, Tupa V, Michalcova K, Nath S, Kacaniova M, Kolesarova A	Ovarian steroid hormone secretion activity examined after supplementation of green tea extract	Physiological Research	2017, 66(6), 1057-59	1.701
Roychoudhury S , Dorsey C, Choudhury BP, Kushal KK	Oxidation-reduction potential can help distinguish semen samples under oxidative stress. Abstract	Human Reproduction	2017, 32(Suppl. 1), 168	5.506
Sengupta P, Agarwal A, Pogrebetskaya M, Roychoudhury S , Durairajanayagam D, Henkel R	Role of <i>Withania somnifera</i> (Ashwagandha) in the management of male infertility	Reproductive Biomedicine Online	2018, 36(3), 311-26	2.93

Author(s)	Article	Journal	Year, Volume, Page	Impact Factor
Palit P, Mukherjee D, Mahanta P, Shadab M, Ali N, Roychoudhury S , Asad M, Mandal SC	Attenuation of nociceptive pain and inflammatory disorders by total steroid and terpenoid fraction of <i>Euphorbia tirucalli</i> Linn root in experimental <i>in vitro</i> and <i>in vivo</i> model	Inflammopharmacology	2018, 26(1), 235-50	3.838
Roychoudhury S , Halenar M, Michalcova K, Nath S, Kacaniova M, Kolesarova A	Green tea extract affects porcine ovarian cell apoptosis	Reproductive Biology	2018, 18(1), 94-8	1.88
Roychoudhury S , Maldonado-Rosas I, Agarwal A, Esteves SC, Henkel R, Sharma R	Human sperm handling in intracytoplasmic sperm injection processes: <i>In vitro</i> studies on mouse oocyte activation, embryo development competence and sperm oxidation-reduction potential	Andrologia	2018, 50(4), Article ID e12943	1.84
Agarwal A, Sharma R, Henkel R, Roychoudhury S , Sikka SC, du Plessis S, Sarda YB, Speyer C, Nouh M, Douglas C, Kayali Z, Elshaer A, Sabanegh E	Cumene hydroperoxide induced changes in oxidation-reduction potential in fresh and frozen seminal ejaculates	Andrologia	2018, 50(1), Article ID e12796	1.84

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Agarwal A, Chandrakumar R, Arafa M, Elbardisi H, Okada H, Suzuki K, Homa S, Killeen A, Balaban B, Ayaz A, Saleh R, Armagan A, Roychoudhury S, Sikka S	A multicenter study to evaluate oxidative stress by oxidation-reduction potential, a reliable and reproducible method. Abstract	Human Reproduction	2018, 33(Suppl. 1), 170	5.506
Agarwal A, Elbardisi H, Arafa M, Okada H, Suzuki K, Homa S, Kileen A, Balaban B, Ayaz A, Saleh R, Armagan A, Dorsey C, Roychoudhury S, Sikka S	Evaluating the predictability of oxidation-reduction potential in male factor infertility in conjunction with semen analysis: A multicenter study. Abstract	Human Reproduction	2018, 33(Suppl. 1), 152	5.506
Kolesarova A, Roychoudhury S, Klinerova B, Packova D, Michalcova K, Halenar M, Kopceková J, Mnahoncakova E, Galik B	Dietary bioflavonoid quercetin modulates porcine ovarian granulosa cell functions <i>in vitro</i>	Journal of Environmental Science and Health Part B- Pesticides Food Contaminants and Agricultural Wastes	2019, 54(6), 533-7	1.463

Author(s)	Article	Journal	Year, Volume, Page	Impact Factor
Michalcova K, Roychoudhury S , Halenar M, Tvrda E, Kovacikova E, Vasicek J, Chrenek P, Baldovska S, Sanislo L, Kren V, Kolesarova A	<i>In vitro</i> response of human ovarian cancer cells to dietary bioflavonoid isoquercitrin	Journal of Environmental Science and Health Part B- Pesticides Food Contaminants and Agricultural Wastes	2019, 54(9), 752-7	1.463
Agarwal A, Selvam MKP, Arafa M, Okada H, Homa S, Killeen A, Balaban B, Saleh R, Armagan A, Roychoudhury S , Sikka S	Multi-center evaluation of oxidation-reduction potential by the MiOXSYS in males with abnormal semen	Asian Journal of Andrology	2019, 21(6), 565-9	2.862
Bilcikova J, Fialkova V, Duranova H, Kovacikova E, Forgacs Z, Gren A, Massanyi P, Lukac N, Roychoudhury S , Knazicka Z	Copper affects steroidogenesis and viability of human adrenocortical carcinoma (NCI-H295R) cell line <i>in vitro</i>	Journal of Environmental Science and Health Part A- Toxic/Hazardous Substances & Environmental Engineering	2020, 55(9), 1070-7	1.536

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Slama P, Kabourkova E, Sladek Z, Zavadilova T, Kratochvilova L, Kharkevich K, Roychoudhury S , Pavlik A, Roztocilova A, Uhrincat M, Tancin V, Kimura K, Konecny R, Kiku Y, Watanabe A, Kwak J-Y, Zouharova M	Effect of lipopolysaccharide and muramyl dipeptide on apoptosis of bovine mammary gland lymphocytes	Animals	2020, 10(6), 990	2.323
Lukac N, Forgacs Z, Duranova H, Jambor T, Zemanova J, Massanyi P, Tombarkiewicz B, Roychoudhury S , Knazicka Z	<i>In vitro</i> assessment of the impact of nickel on the viability and steroidogenesis in the human adrenocortical carcinoma (NCI-H295R) cell line	Physiological Research	2020, 69(5):871- 883	1.655
Mitra S, Varghese AC, Mandal S, Bhattacharyya S, Nandi P, Rahman SM, Kar KK, Saha R, Roychoudhury S , Murmu N	Lead and cadmium exposure induces male reproductive dysfunction by modulating the expression profiles of apoptotic and survival signal proteins in tea-garden workers	Reproductive Toxicology	2020, 98: 134-148	3.121

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Roychoudhury S, Das A, Sengupta P, Dutta S, Roychoudhury S, Paul Choudhury A, Ahmed ABF, Bhattacharjee S, Slama P	Viral Pandemics of the Last Four Decades: Pathophysiology, Health Impacts and Perspectives	International Journal of Environmental Research and Public Health	2020, 17 (24): 9411	2.849
Roychoudhury S, Das A, Jha NK, Kesari KK, Roychoudhury S, Jha SK, Kosgi R, Paul Choudhury A, Lukac N, Madhu NR, Kumar D, Slama P	Viral pathogenesis of SARS-CoV-2 infection and male reproductive health	Open Biology	2021, 11 (1): 200347	4.93
Agarwal A, Leisegang K, Selvam MKP, Durairajanayagam D, Barbarosie C, Finelli R, Sengupta P, Dutta S, Majzoub A, Pushparaj PN, Elbardisi H, Sharma R, Gupta S, Arafa M, Roychoudhury S , Alves MG, Oliveira PF, Henkel R	An online educational model in andrology for student training in the art of scientific writing in the COVID-19 pandemic	Andrologia	2021, e13961	1.95

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Roychoudhury S, Das A, Sengupta P, Dutta S, Roychoudhury S, Kolesarova A, Hleba L, Massanyi P, Slama P	Viral Pandemics Twenty- First Century	Journal of Microbiology, Biotechnology and Food Sciences	2021, 10 (4): 711- 716	-