

Profile



1. Name: DR. SAILI PAUL
2. Designation: SACT
3. Department : ZOOLOGY
4. Date Of joining: 10.7.2017
5. Contact Address: Kanchrapara College
6. Email: saili@kpcoll.ac.in
7. Academic Qualifications:

Degree	Stream	College / University	Year of Passing
Ph.D.	Zoology	K.U	2010
M.Sc	Zoology	K.U	2005
B.Sc	Zoology	K.U	2003

8. Professional Membership: N.A
9. Total Experience: 9 a) **Teaching Experience:** More than 6 years' teaching experience in Zoology.
9b) **Industry Experience:** More than 5 years' industrial experience in testing drug activity according to OECD guideline as per GLP and its mode of action using *in vitro* and *in vivo* model.
9c) **Research Experience:** More than 10 years' research experience in the area of genotoxicity and pesticide toxicity in fish, arsenic toxicity in man and carcinogenesis in mice and rat.
10. Experience Details:

10a.. Teaching experience:

- ❖ Presently working as SACT, Kanchrapara College.
- ❖ Worked as a Guest teacher in Aliah University and Panihati Mahavidyalaya.

10b.Industry Experience:

- ❖ Worked at Rasayani Biologics Pvt Ltd, Pune in DBT-BIRAC sponsored project.

Title: Evaluation of platinum nanoparticles for the hormone refractory prostate cancer.

10 c. Research experience

- ❖ Joined as a full time Research Fellow under the supervision of Prof. A. R. Khuda-Bukhsh, Department of Zoology, University of Kalyani, India, from January 2006.
- ❖ Joined as a SRF, in Department of Indian Systems of Medicine & Homoeopathy (AYUSH), Ministry of Health & Family Welfare, Government of India sponsored EMR research project.

Title: An Investigation for Testing Efficacy and Mechanism of Action of Certain Potentised Homeopathic Drugs in Combating Artificially Induced Hepatocarcinoma in Mice and Rats.

- ❖ Joined as a Research Fellow in Department of Zoology, 2007 University of Kalyani in the “Boiron”, Lyon, France sponsored International Collaborative Research Project.

Title: A Comprehensive Study of Arsenic Toxicity in human living in arsenic contaminated zone in West Bengal, India and its Amelioration by Some Homeopathic Drugs.

- ❖ Worked in a project entitled “Survey on the present status of aquatic biodiversity in Nadia District of West Bengal, India: An important tool for conservation and management of aquatic fauna” sanctioned by West Bengal Biodiversity Board.

11. **Area of Research:** Toxicology, Molecular Biology, Cancer biology, nanotechnology, pharmacology, drug development.

12. Publications:

12 a) Number of Publication in International Journal: 20

12 b) Number of Publication in National Journal: 2

12c) Number of Publication in International Conference Proceedings: N.A

12d) Number of Publication in National Conference Proceedings: N.A

12e) Number of Books / Books chapters: N.A

13) List of Publication: <https://www.researchgate.net/profile/Saili-Paul-2> (Link to view publication in ResearchGate)

13a) International Journal:

Author(s)	Title of the Paper	Details of Journal or Conference	Publishers
Saili Paul, Soumya Sundar Bhattacharyya, Naoual Boujedaini, Anisur Rahman Khuda-Bukhsh	Anticancer Potentials of Root Extract of Polygala senega and Its PLGA Nanoparticles-Encapsulated Form	Evidence-based Complementary and Alternative Medicine 2011(1741-427X) DOI: 10.1155/2011/517204 ISSN: 1741- 4288	HINDAWI

<p>Philippe Belon, Antara Banerjee, Susanta Roy Karmakar, Surjyo Jyoti Biswas, Sandipan Chaki Choudhury, Pathikrit Banerjee, Jayanta Das, Surajit Pathak, Bibhas Guha, Saili Paul, Nandini Bhattacharjee, Anisur Rahman Khuda-Bukhsh</p>	<p>Homeopathic remedy for arsenic toxicity?: Evidence-based findings from a randomized placebo-controlled double blind human trial</p>	<p>Science of The Total Environment 384(1-3):141-50; 2007 ISSN: 0048-9697</p>	<p>ELSEVIER</p>
<p>Surajit Pathak, Nandini Bhattacharjee, Jayanta Das, Sandipan Chaki Choudhury, Susanta Roy Karmakar, Pathikrit Banerjee, Saili Paul, Antara Banerjee, Anisur Rahman Khuda-Bukhsh</p>	<p>Supportive Evidence for the Anticancerous Potential of Alternative Medicine against Hepatocarcinogenesis in Mice</p>	<p>Forschende Komplementärmedizin / Research in Complementary Medicine 14(3):148-56; 2007 ISSN: 1661-4119</p>	<p>KARGAR</p>
<p>Antara Banerjee, Sudipa Basu Chakrabarty, Susanta Roy Karmakar, Amit Chakrabarty, Surjyo Jyoti Biswas, Saiful Haque, D. K. Das, Saili Paul, Biswapati Mandal, Naoual Boujedaini, Philippe Belon,</p>	<p>Can Homeopathy Bring Additional Benefits to Thalassemic Patients on Hydroxyurea Therapy? Encouraging Results of a Preliminary Study</p>	<p>Evidence-based Complementary and Alternative Medicine 7(1):129-36;2007 ISSN: 1741- 4288</p>	<p>HINDAWI</p>

Anisur Rahman Khuda-Bukhsh			
Soumya Sundar Bhattacharyya, Sushil Kumar Mandal, Raktim Biswas, Saili Paul , Surajit Pathak, Naoual Boujedaini, Philippe Belon, Anisur Rahman Khuda-Bukhsh	In Vitro Studies Demonstrate Anticancer Activity of an Alkaloid of the Plant <i>Gelsemium sempervirens</i>	Experimental Biology and Medicine 233(12):1591-601; 2008 ISSN: 1535-3702	SAGE
Soumya Sundar Bhattacharyya, Saili Paul , Sushil Kumar Mandal, Antara Banerjee, Naoual Boujedaini, Anisur Rahman Khuda- Bukhsh	A synthetic coumarin (4- Methyl-7 hydroxy coumarin) has anti- cancer potentials against DMBA-induced skin cancer in mice	European Journal of Pharmacology 614(1-3):128- 36; , 2009 ISSN: 0014- 2999	ELSEVIER
Anisur Rahman Khuda-Bukhsh, Soumya Sundar Bhattacharyya, Saili Paul , Suman Dutta, Naoual Boujedaini, Philippe Belon	Modulation of Signal Proteins: A Plausible Mechanism to Explain How a Potentized Drug Secale Cor 30C Diluted beyond Avogadro's Limit Combats Skin Papilloma in Mice	Evidence-based Complementary and Alternative Medicine 2011(7):286320 ISSN: 1741- 4288	HINDAWI
Sushil Kumar Mandal, Raktim Biswas, Soumya Sundar Bhattacharyya, Saili Paul , Suman Dutta, Surajit Pathak, Anisur Rahman Khuda-Bukhsh	Lycopodin from <i>Licopodium clavatum</i> extract inhibits proliferation on HeLa cells through induction of apoptosis via caspase- 3 activation	European Journal of Pharmacology 626(2- 3):115-22; 2009 ISSN: 0014- 2999	ELSEVIER
Soumya Sundar Bhattacharyya, Saili Paul and Anisur Rahman Khuda-	Encapsulated plant extract (<i>Gelsemium sempervirens</i>) poly (lactide-co-glycolide) nanoparticles enhance	Experimental Biology and Medicine 2010; 235: 678– 688 ISSN: 1535-3702	SAGE

Bukhsh	cellular uptake and increase bioactivity in vitro		
Soumya Sundar Bhattacharyya, Saili Paul , Suman Dutta, Naoual Boujedaini, Anisur Rahman Khuda-Bukhsh	Anti-oncogenic potentials of a plant coumarin (7-hydroxy-6-methoxy coumarin) against 7,12-dimethylbenz [a]anthracene-induced skin papilloma in mice: the possible role of several key signal proteins	Journal of Chinese Integrative Medicine 8(7):645-54;2010 ISSN 1672-1977	JCIM Press
Anisur Rahman Khuda-Bukhsh, Soumya Sundar Bhattacharyya, Saili Paul , Naoual Boujedaini	Polymeric nanoparticle encapsulation of a naturally occurring plant scopoletin and its effects on human melanoma cell A375	Journal of Chinese Integrative Medicine 8(9):853-62; 2010 ISSN 1672-1977	JCIM Press
Saili Paul , Sushil Kumar Mandal, Soumya Sundar Bhattacharyya, Naoual Boujedaini, Anisur Rahman Khuda-Bukhsh	In Vitro and In Vivo Studies Demonstrate Anticancer Property of Root Extract of Polygala senega	J Acupunct Meridian Stud 2010;3(3):188-196 ISSN: 2005-2901	ELSEVIER
Saili Paul , Soumya Sundar Bhattacharyya, Asmita Samadder, Naoual Boujedaini, Anisur Rahman Khuda-Bukhsh	Anticancer potentials of root extract of Polygala senega against benzo[a]pyrene-induced lung cancer in mice	Journal of Chinese Integrative Medicine 9(3):320-327; 2011 ISSN 1672-1977	JCIM Press
Soumya Sundar Bhattacharyya, Saili Paul , Arnab De, Durba Das, Asmita Samadder, Naoual Boujedaini, Anisur Rahman Khuda-Bukhsh	Poly (lactide-co-glycolide) acid nanoencapsulation of a synthetic coumarin: Cytotoxicity and bio-distribution in mice, in cancer cell line and interaction with calf	Toxicology and Applied Pharmacology 253(3):270-81; 2011 ISSN:0041- 008X	ELSEVIER

	thymus DNA as target		
Dey D, Saili Paul , Bibhas Guha	Toxic effects of Dursban, an organophosphate insecticide, on survival and biochemical alterations of organic constituents in teleost fish <i>Poecilia latipinna</i> (Pisces: Poeciliidae)	Pollution Research 31(4):643-647; 2012 ISSN: 0257-8050	EM International
Soumya Sundar Bhattacharyya, Jayeeta Das, Sreemanti Das, Asmita Samadder, Durba Das, Arnab De, Saili Paul , Anisur Rahman Khuda-Bukhsh	Rapid green synthesis of silver nanoparticles from silver nitrate by a homeopathic mother tincture <i>Phytolacca Decandra</i>	Journal of Chinese Integrative Medicine 10(5):546-54; 2012	JCIM Press
Yogesh Bendale, Vineeta Bendale, Saili Paul , Soumya Sundar Bhattacharyya	Green synthesis, characterization and anticancer potential of platinum nanoparticles Bioplatin	Journal of Chinese Integrative Medicine 10(6):681-9; 2012 ISSN: 1672-1977	JCIM Press
Bendale Yogesh, Bendale Vineeta, Natu Rammesh and Paul Saili	Biosynthesized Platinum Nanoparticles Inhibit the Proliferation of Human Lung-Cancer Cells <i>in vitro</i> and Delay the Growth of a Human Lung-Tumor Xenograft <i>in vivo</i>	J Pharmacopuncture. 2016 Jun; 19(2): 114–121. ISSN 2093-6966	KOREAN PHARM ACOPUNCTURE INSTITUTE
Yogesh Bendale, Vineeta Bendale, Saili Paul	Evaluation of cytotoxic activity of platinum nanoparticles against normal and cancer cells and its anticancer potential through induction of apoptosis	Integrative Medicine Research 6 (2017) 141-148 ISSN: 2213-4220	ELSEVIER
Saili Paul ,	Evaluation of water	Egyptian Journal of Aquatic	ELSEVIER

Anuradha Mandal, Piyasi Bhattacharjee, Shatarupa Chakraborty, Rituparna Paul, Biplab Kumar Mukhopadhyay	quality and toxicity after exposure of lead nitrate in fresh water fish, major source of water pollution	Research, 45 (2019) 345-351.	
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13b) National Journal:

Author(s)	Title of the Paper	Details of Journal or Conference	Publishers
Surajit Pathak, Antara Banerjee, Saili Paul , Anisur Rahman Khuda- Bukhsh	Protective potentials of a plant extract (Lycopodium clavatum) on mice chronically fed hepatocarcinogens	Indian Journal of Experimental Biology 47(7):602-7; 2009 ISSN:0019-5189	CSIR-NISCAIR
Antara Banerjee, Susanta Roy Karmakar, Saili Paul , Saiful Hoque, Debarshi Das, Anisur Rahman Khuda- Bukhsh	Efficacy of some homeopathic drugs in modulating different blood parameters in thalassemic patients: a short-term study	Clinical and Experimental Homeopathy 2010; 2:1. ISSN 0974-9799	Sukul Institute of <i>Homeopathic</i> Research

13c) International Conference :N.A

Author(s)	Title of the Paper	Details of Journal or Conference	Publishers

13d) National Conference :N.A

Author(s)	Title of the Paper	Details of Journal or Conference	Publishers

13e) Book/ Book chapters :N.A

Author(s)	Title of the book/Book Chapter	Publishers

14. Sponsored Projects: N.A

15. Number of M.Phil thesis guided: N.A

16. Number of Ph.D. thesis guided: N.A

17. Awards and Honours: Participated and got **YOUNG SCIENTIST AMS AWARD** to present paper entitled "*In vitro* and *in vivo* studies demonstrate anticancer property of root extract of *Polygala senega*" from **KPI, KOREA**, 2010.
18. Short term courses / Workshop organized:N.A
19. Short term courses/ Workshop attended (Minimum One week): (23.12.2006-31.12.2006): Completed workshop on "Recombinant DNA technology" organized by Central facility for biotechnology teaching and research" from Madurai, Tamil Nadu.
20. Area of Specialization: **Cytogenetics and Molecular Biology**
21. Additional academic or co- curricular activities undertaken:
 - Computer skills:**
 - ❖ Operating Systems: Windows 95/98/2007/XP, MS-Office.
 - ❖ Spreadsheet Packages: Photoshop, SPSS, COREL, Gel-Documentation, Photomicrography.
 - Seminars attended:**
 - ❖ Participated and present a paper in UGC Sponsored National Seminar on stress, drug development and nanotechnology on 5-6th March, 2009.
 - ❖ Gene testing: a great challenge in genetic health care, organized by thalasemia foundation and genetic engineering institute on 8th May, 2007.