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Nationality: Indian

Language: Tamil, English.

Autobiography:

I am a PhD. Fellow at the Kaohsiung Medical University. My current research work to develop a chemical database (https://www.chemdata.org).

Doctoral:

Institute: Kaohsiung Medical University, Kaohsiung
Research field: Computational toxicology
Advisor: Prof. Hans-Uwe Dahms
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Master:

Institute: Bharathidasan University, Department of Marine Biotechnology, India
Research field: Candidiasis drug discovery
Thesis supervisor / Co-advisor: Prof. M. Sundararaman

Publication:

1. **Title: 1.** Marine Bacterial Compounds Evaluated by *in silico* Studies as Antipsychotic Drugs against Schizophrenia. Dhinesh Kumar Thiyagarajamoorthy, **Charli Deepak Arulanandam**, Hans-Uwe Dahms, Santhosh Gokul Murugaiah, Muthukumar Krishnan and and Arthur James Rathinam, *Marine Biotechnology*, 2018, 20(5):639-653, **IF-2.798** (equalcontribution)
https://link.springer.com/article/10.1007%2Fs10126-018-9835-3

2. **Title: 2.** Optimization of submerged fermentation process for improved production of β-carotene by *Exiguobacterium acetylicum S01*. Jinendiran S, Dileep Kumar BS, Hans-Uwe Dahms, **Charli Deepak Arulanandam**, Sivakumar N. *Heliyon*. 2019,5(5):e01730.**IF-NA.** https://www.ncbi.nlm.nih.gov/pubmed/31193511
3. **Title: 4.** Human Skin Sensitizing Properties, Mutagenicity and Blood-Brain Barrier Penetration of Organotin Compounds Using *in silico* Approaches, **Charli Deepak Arulanandam**, Inamul Hasan Madar; Vinoth Kumar Ponnusamy; Arthur James Rathinam; Hans-Uwe Dahms. *BioMed Research Journal*, 2018, 2 (1):18-27 **IF-NA.** http://doi.org/10.5281/zenodo.2631887
4. **Title: 3.** *In-silico* SMILES-based toxicity prediction of fluorescent dye (Rh-B), **Charli Deepak Arulanandam**, Hans-Uwe Dahms, *Journal of Clinical Toxicology***,** 2017, 7:3 (Suppl)**IF-NA.** https://www.omicsonline.org/conference-proceedings/2161-0495-C1-025-012.pdf
5. **Title: 5. Charli Deepak Arulanandam**, Siva Sankari, Hencyia Santaseelan, En-jui Cho, Keryea Soong, Hans-Uwe Dahms, The diversity of marine microorganisms changes due to the global climate 海洋微生物的多樣性因全球氣候而改變, Marine biodiversity monitoring 海洋生物多樣性監測, *Ocean and Water Technology Quarterly 海洋及水下科技季刊*, 26(2): 5-8 **IF-NA.** https://doi.org/10.5281/zenodo.2631893