



Dr. Surajit Pathak, Ph.D., Professor

Department of Biotechnology
Faculty of Allied Health Sciences
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WoS Researcher ID: <https://publons.com/researcher/AAH-4022-2020/>

Scopus Author ID: 7203000636

ORCID: <https://orcid.org/0000-0002-7306-1272>

Total Experience: 15 years of research and 7 years of teaching.

Key areas of Interest

My Lab is interested in aspects of biomarker discovery in cancer including microRNA. We are primarily focusing on the role of various inflammatory cytokines in cell fate determination of cancer associated fibroblasts and studying the role of aging genes during primary to metastatic colon cancer progression

We have published more than 85 research articles in peer-reviewed international journals of repute with 1700 citations. In our group we received various research grants including Core International and National research grants from SERB-CRG (DST), DST Indo-Italy Bi-lateral research projects and from various international funding agencies.

Research Guidance

Post Doc:1 (Completed 2 years Post-Doctoral Research in 2019, (Institute Fellowship)

Ph.D. Ongoing: 5 (Ongoing)

PhD Thesis Submitted: 1

Ph.D. Awarded: 3

M.Sc. Project (Thesis completed): 8

Qualifications

- M. Sc: 2002, University of Kalyani, India
- Ph.D.: 2007, University of Kalyani, India

Professional Experience

- October 2019 to till date Professor, Chettinad Academy of Research and Education, Kelambakkam, Chennai
- October 2016-October 2019, Associate Professor, Chettinad Academy of Research and Education, Kelambakkam, Chennai
- August 2015- September 2016, Assistant Professor (Senior-Scale), Chettinad Academy of Research and Education, Kelambakkam, Chennai
- 2012-2014-University of Linkoping, Sweden
- 2009-2011- University of Padova, Italy
- 2008-2009 – University of Alabama at Birmingham, USA

Summary of Research

Citation indices (Google scholars)	All	Since 2012
Citations	1860	1556
h-index	27	17
i10-index	41	31

Patent Applied (2015-2019)

It is hereby certified that a patent has been granted to the patentee for an invention entitled "A METHOD AND DEVELOPMENT OF NANOSCAFFOLD FOR DELIVERY OF AGENT FOR STEM CELL DIFFERENTIATION"

as disclosed in the above-mentioned application for the term of 20 years from the 11th day of January 2017 in accordance with the provisions of the **Patents Act,1970 (Patent No. : 343553), GOVERNMENT OF INDIA**

Personal Details

Name: **Prof. Surajit Pathak**

DOB: 5th December 1977

Gender: Male

Marital Status: Married

Contact No:091-9002737622/

091-9094684087

Editor in Special Issue "Current Aging Sciences"

Scientific Organization Membership


Lifetime member of Indian Association of Cancer Research (IACR)

2. Lifetime member of Indian Science Congress

3. Member of Aesthetic Multi-speciality Society, Europe.

Declaration: 'I hereby declare that the detail provided in this resume is true. I shall strive to keep up the esteem of your institution and can carry out programs under established policies.

Signature:



Prof. Surajit Pathak, Ph.D.
Department of Biotechnology
Faculty of Allied Health
Sciences, Chettinad Hospital & Research
Institute, Chettinad Academy of Research
and Education, Chennai- 603103, India

Achievements

Extramural projects/ Other Funding Received/Grants ongoing/completed (PI)

- **DST (India) SERB- 2018-2021 CORE RESEARCH Project granted on** "An approach towards investigating the interplay between microRNA 122 and AEG-1 protein in colon cancer progression"
- **DST (India)-Italy Bilateral Research Grant Higher Education Ministry** collaborative research project for the year 2017-2020 for conducting research on Title: TAZ as a marker for mesenchymal stem cells and its role in maintaining of its stemness property.
- **Regenera Research Group (Italy)** for the year 2017-2023 for conducting research on mesenchymal stem cells and maintaining of its stemness property.
- Received **travel, accommodation, registration grant** from **AMWC China Anti-aging medicine world congress, 2019, Shenzhen, China** as an invited Speaker
- Received **Bilateral Mobility Research Grant for the Year 2019 from University of Padova, Italy** to work on prognostics marker in colon cancer
- Received **travel, accommodation, registration grant** from **AMWC 16th Aesthetic & Anti-aging medicine world congress, 2019, Monaco** as an invited Speaker
- Received **travel, accommodation, registration grant** from **AMWC ASIA & TDAC (Taiwan Dermatology aesthetic conference), 2019, Taiwan-Taipei** as an invited Speaker
- Received **travel, accommodation, registration Grant** from **AMWC EE - 4th Aesthetic & Anti-Aging Medicine World Congress Eastern Europe, Moscow, Russia** as an invited Speaker
- Received **travel, accommodation, registration grant** from **AMWC 15th Aesthetic & Anti-aging medicine world congress, 2018, Monaco** as an invited Speaker
- Received **travel, accommodation, registration grant** from **AMWC ASIA & TDAC (Taiwan Dermatology aesthetic conference), 2018, Taiwan-Taipei** as an invited Speaker
- **Chettinad Academy of Research and Education (2016-2017)** start up research grant on study of application of nanotechnology in colon cancer.
- **Editor in Chief Springer Nature book** entitled "Cancer Stem Cells: New Horizon Cancer Therapy" in 2020 DOI 10.1007/978-981-15-5120-8 (<https://www.springer.com/gp/book/9789811551192>)
- **Editor in Chief Elsevier Book** "Stem Cells and Aging" in 2021 (I) and 2022 (II) (<https://www.sciencedirect.com/book/9780128200711/stem-cells-and-aging>), DOI-<https://doi.org/10.1016/C2019-0-00820-5>)
- **Editor in Chief Micro RNA and Colon Cancer special issue EMIDDT, Bentham Sciences, 2020.** (<https://www.eurekaselect.com/node/636/endocrine-metabolic-immune-disorders-drug-targets/issue/21/2931/1/10278>)