

Faculty Profile of Dr. M. A. Shibu



Dr. M. A. Shibu

Assistant Professor - (DBT-Ramalingaswamy Re-Entry Fellow)

Department of Biotechnology

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Research Area

- Stem cell biology and Regenerative Medicine
- Molecular Cardiology
- Metabolic Disorders
- Aging
- Circadian Rhythm

Education & Career

Education

Ph. D.

Subject : Biotechnology

Institution : National Dong Hwa University, Taiwan

Affiliated University : National Dong Hwa University, Taiwan

Year of Award : 2013

M.Phil.

Subject : Biotechnology

Institution : Bharathidasan university

Affiliated University : Bharathidasan university

Year of Award : 2007

M. Sc.

Subject : Biotechnology

Institution :

Affiliated University : Bharathiar University

Year of Award : 2004

B. Sc.

Subject:Biotechnology

Institution: Kongunadu Arts and Science College

Affiliated University: Bharathiar University

Year of Award: 2002

Career**At Bharathiar University (Reverse Order)**

Assistant Professor : November 2021 to Till Date

Past Experience

Period: August 2019 - October 2022

Designation : **Assistant Researcher (Principal Investigator)**

Institution: Cardiovascular and Mitochondria Related Diseases Research Center, Buddhist Tzu Chi Medical foundation, Taiwan

Period: August 2018 - October 2019

Designation : **Assistant Researcher (Principal Investigator)**

Institution: Medical Research Center for Exosome and Mitochondria Related Diseases, China Medical University and Hospital, Taichung, Taiwan

Period: February 2013 - July 2018

Designation : **Post-doctoral researcher**

Institution: China Medical University, Taichung, Taiwan

Period: January 2006-July 2008

Designation : **Assistant Professor**

Institution: Department of Biotechnology, N.I College of Arts and Science, Nagarcoil, India

Period: June 2004 – May 2005

Designation : **Assistant Professor**

Institution: Department of Biotechnology, N.I College of Arts and Science, Nagarcoil, India

Awards

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Memberships

Accordion content 2.

Visits

Accordion content 2.

Others

Accordion content 2.

Collaborators

Accordion content 2.

Projects

Ongoing

Accordion content 2.

Completed

Accordion content 2.

Research Guidance

PG

Accordion content 1.

M.Phil.

Accordion content 2.

Ph.D.

Accordion content 2.

PDF

Accordion content 2.

Research Publication

International Journals

1. Combined effect of traditional Chinese herbal-based formulations Jing Si herbal tea and Jing Si nasal drop inhibits adhesion and transmission of SARS-CoV2 in diabetic SKH-1 mice. Chien-Yi Chiang, Wei-Wen Kuo, Yu-Jung Lin, Chia-Hua Kuo, Cheng-Yen Shih, Pi-Yu Lin, Shinn-Zong Lin, Tsung-Jung Ho, Chih-Yang Huang, **Marthandam Asokan Shibu***. Frontiers in Pharmacology. 2022.
2. Novel anti-aging herbal formulation Jing Si displays pleiotropic effects against aging associated disorders. **Marthandam Asokan Shibu**, Yu-Jung Lin, Chien-Yi Chiang, Cheng-You Lu, Debakshee Goswami, Navaneethan Sundhar, Surbhi Agarwal, Md Nazmul Islam, Pi-Yu Lin, Shinn-Zong Lin, Tsung-Jung Ho, Wan-Ting Tsai, Wei-Wen Kuo, Chih-Yang Huang. Biomedicine & Pharmacotherapy. 2022.
3. E3 ligase activity of Carboxyl terminus of Hsc70 interacting protein (CHIP) in Wharton's jelly derived mesenchymal stem cells improves their persistence under hyperglycemic stress and promotes the prophylactic effects against diabetic cardiac damages. Ayaz Ali, Wei-Wen Kuo, Chia-Hua Kuo, Jeng-Fan Lo, Michael Y. C. Chen, Jayasimha R. Daddam, Tsung-Jung Ho, Vijaya Padma Viswanadha, **Marthandam Asokan Shibu***, Chih- Yang Huang*. Bioengineering & Translational Medicine. 2021

National Journals

Accordion content 2.

Conference Papers

Accordion content 2.

Books / Book Chapters

Accordion content 2.

Databases

Accordion content 2.

Others

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Alumini Reflections: