



# VIT<sup>®</sup>

## Vellore Institute of Technology

(Deemed to be University under section 3 of UGC Act, 1956)

**BROCHURE**

**VIRTUAL International Conference**

## Update on Stem Cells – Academic and Industrial Perspectives – Future Challenges

**23<sup>rd</sup> to 24<sup>th</sup> December, 2020 (IST)**

### ORGANISED BY

School of Bio Sciences and Technology  
Vellore Institute of Technology  
Vellore – 632014, Tamil Nadu, India

### IN ASSOCIATION WITH

ADVANCECELLS  
A-102, Sector 5, Noida – 201301,  
Uttar Pradesh, India



### About VIT

Vellore Institute of Technology, was founded in 1984 as Vellore Engineering College by the Chancellor Dr. G.Viswanathan. VIT attracts students from all the 29 states of India and more than 41 different countries because of its academic excellence. The credentials of VIT in academics and research, has placed VIT in the 13th position among the engineering institutions and VIT Business School has placed 17th position among the business schools in India by NIRF, Govt. of India Ranking. The world ranking body namely the QS has given 4 STAR rating to VIT, with that VIT becomes the first institution in India to have the 4 STAR rating. In addition to this, the consortium of industries, FICCI has adjudged VIT as the “Excellence in Faculty”. VIT has the record of publishing maximum number of SCOPUS Indexed Research Journal papers in 2016, among Indian Universities, overtaking all the premier institutions. VIT has also completed 3 cycles of NAAC accreditation and has been rated as “A” grade institution. In addition, VIT also has obtained for the coveted ABET accreditation by US agency. VIT has introduced many innovations in academic processes which adds value to every student. FFCS (Fully Flexible Credit System), PBL (Project Based Learning) for better learning, fully digitized academic portals that assists students in equipping themselves for 2020 market place, Hackathons/ Makeathons as part of curriculum exercise which kindles the interest and the curiosity of students, which moulds them to be better problem solvers, 8th module in every subject being handled by industry experts, making the students contextualize the concepts they study in the classroom, are a few of the innovations that VIT has introduced.

### About SBST

The School of Bio Sciences and Technology consists of four departments namely Biotechnology, Integrative Biology, Bio-Sciences and Bio-Medical Sciences headed by well-trained professors. The School offers undergraduate (B.Tech. Biotechnology) and five Postgraduate (M.Sc. and M. Tech.) programme. It also offers Integrated Ph.D. and Ph.D. programme. The priority of the SBST is developing entrepreneurship skills and mentoring students to become future scientists for the improvement of humanity. Our efforts are strengthened by collaboration with National, International Universities and multinational companies. Consultancy research and commercialization of products at the University are undertaken as a part of the programme. The School houses excellent infrastructure and well trained faculty members which makes SBST one among the top ten Bio School in the country.

### About ADVANCECELLS Group

Advancells Group was established in year 2013 by Mr Vipul Jain. Advancells Group is one of the most advanced, research-oriented Stem Cells Therapy solution providers in India. Advancells group is continuously maintaining the pace with the scientific development in the field of Cellular therapy and regenerative medicine by striving hard to deliver the future of medicine today. With a collaborative work culture involving scientists, clinicians and academic institutions, the R & D efforts of Advancells Group is striving for a continuous improvement in standards, protocols and quality control. Advancells has received many awards and accolades in recognition of our superlative work in research and development and treatment protocols.

Advancells Group works in a variety of verticals that include

- Advancells’ - Stem Cells Therapy division
- Advancells – infectious agents protection equipment and manufacturer of Viral Transport media and kit.
- ‘Kosheeka’ – Custom made Primary cells for research and clinical studies,
- ‘Youthful me’ – a stem cells based holistic wellness division, and
- ‘Biopredic Advancells (P) Ltd’. – A joint venture with French Cell based solution provider and a CRO.

This Collaborative International Conference on Update on Stem Cells – Academic and Industrial Perspectives – Future Challenges will focus on recent developments and cutting-edge technologies in Stem Cells. The conference will provide a forum to: discuss state-of-the-art methodologies; update on the translational aspects; cross-pollinate ideas (academia & industry) and enlighten the audience on the current and future challenges.

# VIRTUAL INTERNATIONAL CONFERENCE ON Update on Stem Cells – Academic and Industrial Perspectives – Future Challenges

23<sup>rd</sup> to 24<sup>th</sup> December, 2020

## GUEST SPEAKERS

Inaugural Address

### Prof. Krishnamoorthy Kannan

Chair Professor-Biotechnology, Manav Rachna International University, Faridabad, Haryana

Vice Chancellor Central University of Nagaland (2006-2011)

First Professor and Founder Dean of Biotechnology, Guru Gobind Singh Indraprastha University (First University of Delhi state (1999-2006, 2011-2017))

#### Dr. Ashim Gupta, B.Pharm

South Texas Orthopaedic Research Institute, Director of R & D at BioIntegrate,  
Lawrenceville, Georgia, USA

#### Dr. Anand Srivastava, MS, Ph.D.

Global Institute of Stem Cell Therapy and Research. San Diego, California, USA

#### Dr. Ashwani Sharma, Ph.D.

Manager, Senzagen, Lund, Sweden

#### Dr. Anish Potty

Laredo Sports Medicine Clinic, Laredo, TX, USA

#### Dr. Biju George

CMC Vellore, India

#### Dr. Bhavana Muralidharan

in Stem Institute for Stem Cell Science and Regenerative Medicine, Bangalore  
560065, India

#### Dr. Debashish Das

Narayana Nethralaya, Bangalore, India

#### Dr. Deepa Bhartiya

National Institute for Research in Reproductive Health, Pune, India

#### Dr. Sanjay Kumar

CSCR, Bagayam, Vellore, India

#### Dr. Sachin Kadam

Chief Technology Officer,  
Advancells: Stem cell Therapy, Noida, 201301. U.P., India

#### Dr. Sajan George

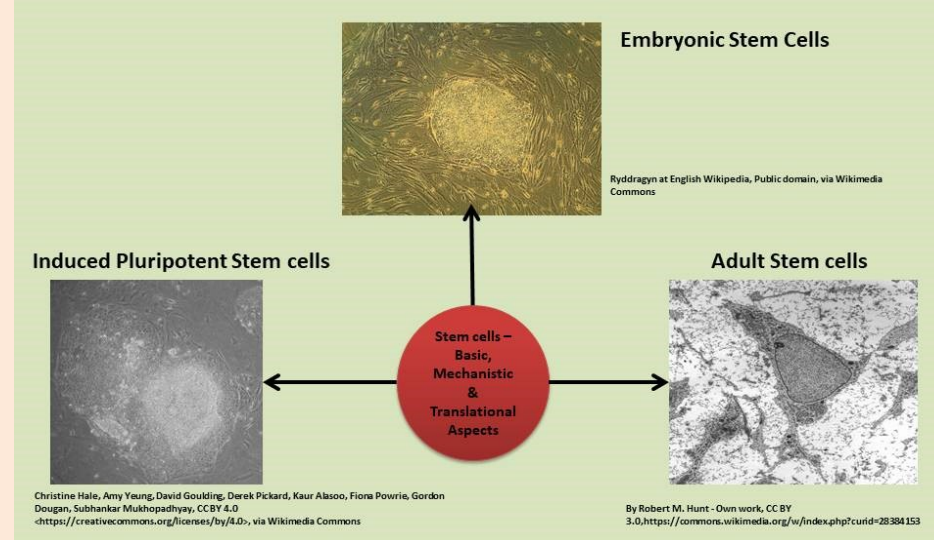
VIT, Vellore, India

#### Dr. R.V. Shaji

CSCR, Bagayam, Vellore, India

#### Dr. Tamilzhselvi R

VIT, Vellore, India



**Chief Patron**

Dr. G Viswanathan, Chancellor, VIT

**Patrons**

Mr. Sankar Viswanathan, Vice President, VIT  
 Dr. Sekar Viswanathan, Vice President, VIT  
 Mr. G V Selvam, Vice President, VIT  
 Ms. Kadhambari S Viswanathan, Assistant Vice President, VIT

**Co-Patrons**

Dr. Rambabu Kodali, Vice Chancellor, VIT  
 Dr. S Narayanan, Pro-Vice Chancellor, VIT  
 Dr. K Sathiyarayanan, Registrar, VIT

**Organizer (SBST, VIT, Vellore)**

**Conference Chair**

Prof. V Pragasam, Dean, School of Bio Sciences and Technology, VIT, Vellore

**Co-organizer**

Advancells Group, Noida, 201301. U.P., India

**Convenor**

Dr.P.K.Suresh, Professor Higher Academic Grade, SBST, VIT, Vellore

**Co-Convenors**

Dr.C.Sudandira Doss, Head, Department of Biotechnology, SBST  
 Dr. S. Vino, Head, Department of Bio Sciences, SBST

Dr.S.Asha Devi, Head, Department of Bio-Medical Sciences, SBST  
 Dr. N. Everette Jacob Remington, Head, Department of Integrative Biology, SBST

**Organizing Secretaries**

Dr.Manjubala I.  
 Dr.Debasish Mishra  
 Dr.Tamilzhselvi R.

**Organizing Members**

SBST Faculty

**Student Coordinators**

Students from VIT, Vellore