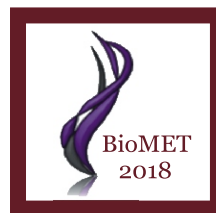




VIT[®]
UNIVERSITY
(Estd u/s 3 of UGC Act 1956)



BioMET 2018

An International conference on Bio-Materials,
Bio-Engineering and Bio-Theranostics

24th - 28th July 2018

<http://www.vit.ac.in/biomet2018>



Organized by

**Centre for Biomaterials, Cellular and
Molecular Theranostics, (CBCMT)**

VIT University, Vellore, India

<http://www.vit.ac.in/research/centers/cbcmt>

In Association with

**Society for Biomaterials and Artificial Organs (India)
&**

**Society for Tissue Engineering
and Regenerative Medicine (India)**



VIT - A place to learn ; A chance to grow

About VIT

VIT University was founded in 1984 as Vellore Engineering College by the Chancellor Dr. G. Viswanathan. From its humble beginning, the institution has grown exponentially to that of having more than 33,000 students. Students from all the states of India and from more than 50 countries are studying at VIT. University status was conferred in 2001 by MHRD Govt. of India in recognition of its excellence in academics, research and extracurricular initiatives. Currently, VIT has 4 campuses – in Vellore, Chennai, Amaravati (AP) and Bhopal (MP). The National Institutional Ranking Framework (NIRF) of the MHRD, Government of India, has identified VIT as the best Private Engineering Institution in India in the year 2016 and in 2017. VIT has gone for accreditation by NAAC [India], IET [UK], and ABET [USA] and follows world class academic processes. VIT is the first University in India to get 4 star rating from QS, the world universities ranking organization. The Industry consortium FICCI, has declared VIT as the “University of the Year 2016”, in India. VIT has also been ranked in the top 201-250 in QS BRICS Ranking in 2016 and in the top 251-300 in Times Higher Education (THE), Asia Ranking.

About BioMET 2018

BioMET 2018 will be an attempt to bring in leading scientists of various fields, clinicians and delegates from healthcare industry together on a single platform. The conference will consist of two days pre-conference workshop (**24th-25th July**) followed by the three days (**26th-28th July**) conference that include plenary sessions, brainstorming panel discussions by invited speakers, oral and poster presentation by participants.

BioMET 2018 Highlights

- Two days pre-conference workshop where students can closely interact with eminent scientists
- “Lunch and Learn” - Where students will get a chance to interact with eminent experts during Lunch hours
- Separate sessions dedicated to Clinician-Academia and Industry-Academia discussion
- All original works presented will be given a chance to get published in a peer reviewed journal

About CBCMT

Centre for biomaterials, cellular and molecular theranostics (CBCMT) is a research centre of VIT University. The centre comprises of an active interdisciplinary team which, works together to address the unmet needs in the fields of biomaterials, cellular and molecular therapy as well as in diagnostics. CBCMT has active extramural support of approximately INR: 2.5 crores (~USD 400,000) from various agencies in India and abroad.

Organizing Committee

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Dr. Venkatesh Katari

CBCMT, VIT University

Conference Themes

- ♦ Innovation in Scaffold Design
- ♦ Biomaterials for Therapeutics
- ♦ New Technologies in Biomaterials Fabrication
- ♦ Organ Specific Tissue Engineering
- ♦ In vitro Tissue Engineered Models
- ♦ Commercialization of Tissue Engineering
- ♦ Organ-on-a-chip
- ♦ Dental, Orthopedic and Cardiovascular Implants
- ♦ Corrosion, Wear and Tribocorrosion of Implants
- ♦ Tissue Biomarkers
- ♦ Gene Therapy
- ♦ Stem cell and Regenerative Medicine
- ♦ Cancer Biology
- ♦ Rehabilitation Engineering and Mechanobiology
- ♦ Biomimetic materials
- ♦ Antimicrobial biomaterials
- ♦ 3D Bioprinting
- ♦ Bioreactors in Tissue Engineering
- ♦ Porous implants
- ♦ Biodegradable metals
- ♦ 3D printing of metal and ceramic implants
- ♦ Surface modification for Biomedical Applications
- ♦ Nanostructured materials for implant applications
- ♦ Imaging
- ♦ Mechanics and modelling in biomaterials science
- ♦ Clinical Trials with Stem Cells
- ♦ Bio-nanotechnology
- ♦ Targeted drug delivery
- ♦ Computational Bioengineering

Pre-Conference Workshop

24-July-2018

Session-1 : Stem Cells
Session-2 : Nano Biomaterials
Session-3 : Tissue Engineering
Session-4 : Surface & Interfaces

25-July-2018

Session-5 : Gene Therapy
Session-6 : 3D Printing
Session-7 : Translation Research & Regulatory issues
Session-8 : Antibacterial Materials

Abstract Submission

Kindly visit http://www.info.vit.ac.in/conference/biomet2018_abstract/apply.asp for abstract template and submission guidelines.

Publication

Peer-reviewed best papers in the field of Nanomedicine will be published in the journal of **“Nanomedicine: Nanotechnology, Biology and Medicine”** (Elsevier publishing group) (IF : 5.72)

National Advisors

Dr. Soumya Swaminathan

Deputy Director General of Programmes, WHO,
Secretary DHR & Director General, ICMR, Govt. of India

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(SERB), Govt. of India

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Medical Device Consultant, Chennai

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Chairman, Indian Space Research Organization
Govt. of India

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(DSIR) and Director General CSIR, Govt. of India

Dr. Srinivasan R

Member Secretary, Tamilnadu State Council for
Science and Technology

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IGCAR, Kalpakkam

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Anna University, Chennai

Dr. N.S. Kumar

DEBEL, Bangalore

Dr. Prabha D. Nair

SCTIMST, Trivandrum

Dr. P. Radhakrishnan

PSG Institute of Advanced Studies, Coimbatore

Dr. Rinti Banerjee

IIT Bombay

Dr. Sevi Murgavel

Delhi University

Dr. Sampath Kumar TS

IIT Madras

Dr. Subramanian B

CSIR-CECRI, Tamilnadu

Dr. S.P. Thyagarajan

Sri Ramachandra University, Chennai

Dr. Venkatraman B

IGCAR, Kalpakkam

Dr. Satyam Suwas

Indian Institute of Science, Bangalore

Prof. Veena Koul

IIT, Delhi

Dr. Vijayalakshmi MA

VIT University, Vellore

Dr. Vijayalakshmi Venkatesan

National Institute of Nutrition, Hyderabad

Dr. Vikram Jayaram

Indian Institute of Science, Bangalore

Dr. Vinod Bhat H

Manipal University, Manipal

Invited Speakers

Dr. Abhay Pandit

National University of Ireland, Ireland

Dr. Amit Bandyopadhyay

Washington State University, USA

Dr. Ana Paula Rosifini Alves Claro

Universidade Estadual Paulista (UNESP), Brazil

Dr. Ayse Eser Elcin

Ankara University Turkey, Turkey

Dr. Bala Vaidhyanathan

Loughborough University, UK

Dr. Caroline Richard

University of Tours, France

Dr. Diego Mantovani

Laval University, Canada

Dr. Fatima Zivic

University of Kragujevac, Serbia

Dr. Francesca Boccafoschi

Oriental Piedmont University Medical School, Italy

Dr. Franck Clement

University of Pau, France

Dr. Gabriele Candiani

Polytechnic of Milan, Italy

Dr. Hyung-Seop Han

University of Oxford, UK

Dr. Jean Geringer

University of Lyon-St Etienne, France

Dr. Jean Jacques Pireaux

University of Namur, Belgium

Dr. Jose Ricardo

R.Crio, Brazil

Dr. Keolebogile Motaung

Tshwane University of Technology, South Africa

Dr. Ketul C. Popat

Colorado State University, USA

Dr. Krasymir Vasilev

University of South Australia, Australia

Dr. Lakshmi S. Nair

UConn Health Center Connecticut, USA

Dr. Louise M Jennings

University of Leeds, UK

Dr. Manoj Gupta

National University of Singapore, Singapore

Dr. Mariana Calin

Leibniz Institute for Solid State and Material Research
Germany

Dr. Mark Staiger

University of Canterbury, New Zealand

Dr. Maurizio Vedani

Polytechnic of Milan, Italy

Dr. Michael Tatoulian

ParisTech University, France

Dr. Michael Pillay

Vaal University of Technology, South Africa

Dr. Mircea Mateescu,

University of Quebec Montreal

Dr. Murat Elcin

Ankara University, Turkey

Dr. Nicholas Dunne

Dublin City University, Ireland

Dr. Paulo César Soares Júnior

Pontifical Catholic University of Paraná, Brazil

Dr. Prasad Yarlagadda

Queensland University of Technology, Australia

Dr. Raul Rosalez Ibanez

Universidad Nacional Autónoma de México, Mexico

Dr. Roberto Fanganiello

University of Sao Paolo, Brazil

Dr. Rodrigo Vieira

University of Ceara, Brazil

Dr. Seok Hyun-kwang

Korea Institute of Science and Technology, South Korea

Dr. Sukhwinder K. Bhullar

University of Victoria, Canada

Dr. Susmita Bose

Washington State University, USA

Dr. Thomas J. Webster

Northeastern University, USA

Dr. Yasuhary Oghoe

Denki Tokyo University, Japan

Registration fees

| Foreign Delegates | | | | |
|-----------------------------------|------------|------------|------------|------------|
| Category | Early (\$) | | Late (\$) | |
| | Conference | WORK +CONF | Conference | WORK +CONF |
| Faculty / Clinicians / Scientists | \$400 | \$450 | \$450 | \$550 |
| Students | \$150 | \$200 | \$200 | \$250 |
| Industry | \$800 | \$1,000 | \$1,200 | \$1,500 |
| Accompanying person* | \$200 | \$300 | \$250 | \$350 |

| Indian Delegates | | | | |
|--|-------------|------------|------------|------------|
| Category | Early (INR) | | Late (INR) | |
| | Conference | WORK +CONF | Conference | WORK +CONF |
| Faculty/ Clinicians/ Scientists (Non-member) | ₹8000 | ₹9000 | ₹10000 | ₹11000 |
| Faculty # (Member) | ₹7000 | ₹8000 | ₹9000 | ₹10000 |
| Students (Non-member) | ₹5000 | ₹6000 | ₹6500 | ₹7500 |
| Students # (Member) | ₹4500 | ₹5500 | ₹6000 | ₹7000 |
| Industry | ₹15000 | ₹17000 | ₹18000 | ₹20000 |
| Accompanying person* | ₹3000 | ₹4000 | ₹4000 | ₹5000 |

* Entitled only to food & cultural programme
SBAOI or STERMI membership

Special discounts to encourage specific participants

| Indian Delegates | | |
|--|------------|------------|
| Category | Conference | WORK +CONF |
| #University Rank Holder/ Women participants/#Differently abled/ #North East Researchers | ₹4000 | ₹5000 |
| #Candidates from Rural areas/ Students presenting work with the concept of Make in India | ₹3500 | ₹4500 |

Should provide authenticated proof from HOD or from respective authorities

Note: Registration fee does not include accommodation. However VIT hostel accommodation can be provided to few students (on first come first serve basis) and will be charged extra.

Registration

Registration Opens : 23rd April 2018
Deadline of Early Bird Registration : 23rd May 2018
Late Registration Opens : 24th May 2018
Late Registration Closes : 23rd June 2018
Spot Registration : 24th & 25th July 2018

Registration fee can be paid through NetBanking/Debit Card/Credit Card. For registration and payment kindly visit http://www.info.vit.ac.in/conference/biommet2018_payment/apply.asp

Important Dates

Pre-Conference Workshop : 24th - 25th July 2018
Conference Dates : 26th - 28th July 2018
Abstract Submission : 23rd Jan-23rd April'18
Abstract Acceptance notification : 8th May 2018

Contact

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For more details visit :
<http://www.vit.ac.in/biommet2018>

