

ASME MED Biomanufacturing Technical Committee (TC)

Report (virtually) in 2020

June 1st, 2020

A. Technical Committee Membership

Number of continuing TC Members: Total: 25 (listed in Appendix). Membership updated on June 1st, 2020.

New TC Members who will join in July 2020

Mostafa Bedewy (University of Pittsburgh)

Yang Liu (University of Michigan)

Ross Salary (Marshall University)

Chair: Roland Chen (Washington State University)

Vice-Chair: Changxue Xu (Texas Tech University)

B. Update on Biomanufacturing TC Activities

1. MSEC 2020

- The Biomanufacturing TC received three symposium proposals. Three were approved and sponsored (one co-sponsored with the Micro/Nano/Meso manufacturing TC).

List of Symposia

1. **Advances in 3D Bioprinting of Tissue-Engineered Scaffolds and Living Tissue Constructs Session**

Dr. Yifei Jin, University of Nevada, Reno, Reno, NV, USA, yifeij@unr.edu

Dr. Changxue Xu, Texas Tech University, Lubbock, TX, USA, changxue.xu@ttu.edu

Dr. Jingyuan Yan, ASML, San Jose, CA, USA, jingyuan.yan@asml.com

2. **Advances in Analysis, Design, and Manufacturing of Biomedical Devices**

Dr. Yihao Zheng, University of Michigan, Ann Arbor, MI, yhzheng@umich.edu

Dr. Yancheng Wang, Zhejiang University, Hangzhou, China, yanchwang@zju.edu.cn

Dr. Carl McGill, Abbott Laboratories, Des Plaines, IL, Carl.McGill@abbott.com

3. **Bio-/Nano-Materials and Self-Organizing Smart Structures (co-sponsored)**

Dr. Mostafa Bedewy, University of Pittsburgh, Pittsburgh, PA, USA, mbedewy@pitt.edu

Dr. Michael Cai Wang, University of South Florida, FL, USA, mcwang@usf.edu

Dr. Sei Jin Park, Lawrence Livermore National Laboratory, CA, USA, park39@llnl.gov

- Biomanufacturing TC nominated a Symposium Invited Speaker, Dr. Kimani Toussaint from Brown University. The nomination was approved by the MED EC. The title of the talk was: “*Leveraging Biophotonics and Nanophotonics in Manufacturing.*”

2. MSEC 2021

The 2021 International Manufacturing Science & Engineering Conference (MSEC 2021) and the 48th North American Manufacturing Research Conference (NAMRC49) will be hosted at University of Cincinnati on June 21-25, 2021 in Cincinnati, Ohio, USA.

- The Biomanufacturing TC currently has not received symposium proposals for MSEC 2021.

Appendix: List of the 2020-2021 ASME MED Biomanufacturing Technical Committee Members (Updated June 1st, 2020)
Continuing Members

No.	Last Name	First Name	Affiliation
1	Mohammad	Elahania	University of Toledo
2	Ozlem	Yasar	City University of New York
3	Serkan	Inceoglu	Loma Linda University, California
4	Chen	Roland	Washington State University
5	Wang	Yancheng	Zhejiang University, Hangzhou, China
6	Lin	Kuang-Wei	Siemens Healthineers, Issaquah, WA
7	Xu	Changxue	Texas Tech University
8	Yin	Jun	Zhejiang University, Hangzhou, China
9	Jiang	Xikai	Argonne National Laboratory, Argonne, IL
10	Al-Jumaily	Ahmed	Auckland University of Technology
11	Alge	Daniel	Texas A&M University
12	Yan	Jingyuan	ASML, San Jose, CA
13	Cho	Dong-Woo	Pohang University of Science and Technology (POSTECH), Pohang, Korea
14	Collins	Scott	TeVido BioDevices, Austin, TX
15	Kaunas	Roland	Texas A&M University
16	Navran	Stephen	Synthecon, Houston, TX
17	Francis	Kevin	PerkinElmer, San Jose, CA
18	Tai	Bruce	Texas A&M University
19	Chang	Robert	Stevens Institute of Technology
20	Dalton	Paul	University of Würzburg, Würzburg, Germany
21	Zheng	Yihao	University of Michigan
22	McGill	Carl	Abbott Laboratories, Chicago, IL
23	Gozen	Arda	Washington State University
24	Chen	Lei	University of Michigan
25	Jin	Yifei	University of Nevada - Reno

New Committee Members (3):

No.	Last Name	First Name	Affiliation
1	Bedewy	Mostafa	University of Pittsburgh
2	Liu	Yang	University of Michigan
3	Salary	Ross	Marshall University