



BLOOMS : A FACULTY OF DENTISTRY DISCOVERY SERIES
Join us on a journey that BLOOMS innovative ideas and collaborations

PROGRAMME

For detailed speakers' profiles and topic synopses, click [here](#).

19
Jul

Time	Title	Speaker
0900	Advanced Biomaterials for Tissue Engineering and Regeneration	Assoc Prof Vinicius Rosa
1000	Silver Diamine Fluoride: The Next Big Thing or Just a Fad	Dr Hu Shijia
1045	An Adventure into Microfluidics: Building a World of Miniature Dental and Oral Tissues	Dr Gopu Sriram
1200	Introduction to Microfluidic-based Drug Permeation Studies	Dr Sebastien Teissier Head of Ex Vivo and In Vitro Testing, Revivo Biosystems
1230	Lunch	

*Programme may be subject to changes.



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Jul

Time	Title		Speaker
1330	Group 1 Microfluidic Drug Permeation <ul style="list-style-type: none">• Demo: Platforms for Microfluidic Drug Permeation• Hands-on Session: Automated Drug Permeation	Group 2 Microfluidic Device Fabrication <ul style="list-style-type: none">• Demo: Microfabrication – Making a Microfluidic Device• Hands-on Session: Handling Microfluidic Device	Revivo BioSystems and Faculty of Dentistry
1515	Group 1 Microfluidic Device Fabrication <ul style="list-style-type: none">• Demo: Microfabrication – Making a Microfluidic Device• Hands-on Session: Handling Microfluidic Device	Group 2 Microfluidic Drug Permeation <ul style="list-style-type: none">• Demo: Platforms for Microfluidic Drug Permeation• Hands-on Session: Automated Drug Permeation	Revivo BioSystems and Faculty of Dentistry
1930	Welcome Dinner		-

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Time	Title	Speaker
0900	Empowering Dental Health with Digital Medicine	Prof Dean Ho
1000	Clinical Research to Solve Endodontic Problems	Assoc Prof Victoria Yu
1100	An Overview of Clinical Research and Best Practices	Ms Choo Si Yi
1130	Tour of the National University Centre for Oral Health, Singapore (NUCOHS)	-
1230	Lunch	-

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Time	Title	Speaker
1330	From Lab to BioFab	Dr Nileshkumar Dubey
1445	Hands-on Session: Medical 3D Printing Technologies <ul style="list-style-type: none">• Showcase 3D printers and 3D-printed materials• Hands-on session (Learn how to print a simple design)• See examples of how 3D printing is applied in dentistry	AM.NUS
1730	Dinner: Free and Easy	-

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21
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Time	Title	Speaker
0900	Introduction to 3D Bioprinting Understand the basic principles of 3D bioprinting and common application areas	Cellink
1030	Become a BioFab Designer Introduction and Hands-on Session on 3D Design: Understand how to design 3D models & file formats (G-code & STL)	
1100	Guest Speaker Sharing Session	
1200	Lunch	
1330	Print your BioFab Creation Hands-on Session on 3D Design: Understand the workflow of 3D Bioprinting	
1630	END	

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