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EVE & ARTHUR VEIS ENDOWMENT FUND









JAMES B. BOSKEY MEMORIAL FOUNDATION







SCANCO MEDICAL



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Welcome Message

On behalf of the organization committee, we warmly welcome you all to the 12th International Conference on the Chemistry and Biology of Mineralized Tissue held at the Kongresshotel Potsdam, Germany from the 29th May to 1st June, 2017.

This Conference was founded by Prof. Arthur Veis in Chicago 1981, together with Prof. William T. Butler and Prof. Melvin Glimcher and it has been held approximately every three years since then. It has become one of the most important scientific gatherings in the field of basic bone and tooth research as well as biomineralization more generally. The Meeting emphasizes physicochemical, biological and clinical topics concerning mineralization processes in vertebrate and invertebrate species. These include, but are not limited to, cell and molecular biology of mineralized tissue formation, hormone and cytokine regulation of mineralized tissues, signaling pathways, structure and function of extracellular components of mineralized tissues, model systems of biomineralization, disorders and pathology of mineralized tissues and development of therapeutic approaches, and, new technologies for studying crystal structure and formation.

This year, we received more than 140 abstracts from 19 countries, including United States, Canada, Mexico, United Kingdom, France, Italy, Netherland, Germany, Austria, Finland, Denmark, Israel, India, China, Japan, Sweden, Spain and Brazil. 50 oral presentations will be held without parallel sessions over four days of this Conference, with the poster session running all day long. Some posters will also be shortly presented in flash talks. We hope that there is plenty of scope and new development for discussion.

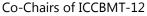
Potsdam has the largest World Heritage Site in Germany, along with several important historical and cultural landmarks. As the capital and largest city of the German federal state of Brandenburg, Potsdam directly borders the Germany's capital city, Berlin. Around the city, there are a series of interconnected lakes and cultural landmarks, in particular the parks and palaces of Sanssouci. This city was planned to embrace the ideas in The Age

of Enlightenment, through a careful balance among architecture and landscape, and it was intended as "a picturesque, pastoral dream" which reminded its residents of their relationship with nature and reason. Potsdam was a residence of the Prussian kings and the German Kaiser, until 1918. The Potsdam Conference was held at Palace Cecilienhof in 1945. During the ICCBMT Conference, we do hope you will also have time to explore and enjoy this city, and meanwhile, we are offering two tour options, to Park Sanssouci and to Neuer Garten (Cecilienhof Palace). For those who cannot get enough from science, we offer a free tour in the Max Planck Institute of Colloids and Interfaces, where you can explore our facility and labs of Biomaterials.

We would like to express our gratitude to all members of the committees involved in the organization of this Conference, to all the contributing authors and participants, and to all the fellow students and staff members in the Secretariat, who helped create this Congress. Also, we thank the sponsors listed on the previous page who helped make this Congress a success.

Finally, please take the time to explore Potsdam and to meet as many new colleagues as possible and remember the 12th ICCBMT as a friendly experience.

Anne George, Ariane Berdal and Peter Fratzl









About ICCBMT

Eve and Arthur Veis – where it starts

Back in 1978, Prof. Arthur Veis attended a meeting of the American Association for the Advancement of Science (AAAS), and he was disappointed that no paper of biomineralization was presented. On the next morning, he expressed about the idea and the need of having such a meeting to Prof. Bill Butler, who responded with positive feedback and support.



Photo: Prof. Arthur Veis and his beloved wife, Mrs. Eve Veis

With the financial support from National Institutes of Health (NIH), Prof. Arthur Veis began to contact people who might be interested in this field of research. Despite being a new-born academic event, the 1st ICCBMT received overwhelming attention and a number of researchers expressed their desire to be part of it. Prof. Veis decided to have this very first conference in Chicago, and his beloved wife, Eve Veis, played a very important role in organizing this event, including event venues, presentation scheme, poster sessions, accommodation, banquet, registration, etc. Facing a very tight budget, Mrs. Veis made it happen with tremendous success. She

handled all social organization, correspondence and finance, with the help from their lovely children, Judith and Sharon.

Following this success, Mrs. Eve Veis and Prof. Arthur Veis had devoted their dedications for several subsequent conferences. Along with Prof. Bill Butler and Prof. Melvin Glimcher, Mrs. Veis served as unofficial Board of Directors for the first three meetings. Her name is remembered with Prof. Arthur Veis by the keynote lecture named after them. Together, this respectful couple attended most ICCBMT meetings.

History of ICCBMT

ICCBMT aims to bring together world-wide researchers and practitioners in the field of tissue mineralization from both chemical, biological material aspects. As one of the most prestigious conferences on mineralized tissues, ICCBMT has influenced researchers over several continents, including North America, South America, Europe, Asia and Oceania, along these years since 1981, with the past meetings as below:

- Chicago, Illinois, United States in 1981 (ICCBMT 1)
- Gulf-Shores, Alabama, United States in 1984 (ICCBMT 2)
- Chatham, Massachusetts, United States in 1988 (ICCBMT 3)
- Coronado, California, United States in 1992 (ICCBMT 4)
- Kohler, Wisconsin, United States in 1995 (ICCBMT 5)
- Vittel, France in 1998 (ICCBMT 6)
- Ponte Vedra Beach, Florida, United States in 2001 (ICCBMT 7)
- Banff, Alberta, Canada in 2004 (ICCBMT 8)
- Austin, Texas, United States in 2007 (ICCBMT 9)
- Carefree, Arizona, United States in 2010 (ICCBMT 10)
- Lake Geneva, Wisconsin, United States in 2013 (ICCBMT-11)

We would like the 12th ICCBMT Conference to be as exciting and successful as the previous ones. We expect a lively exchange between all the disciplines from the medical, biological, chemical, physical and engineering sciences involved in research on biomineralization and mineralizing tissues, with particular emphasis on attracting and educating junior scientists in the area.

ICCBMT Board of Directors

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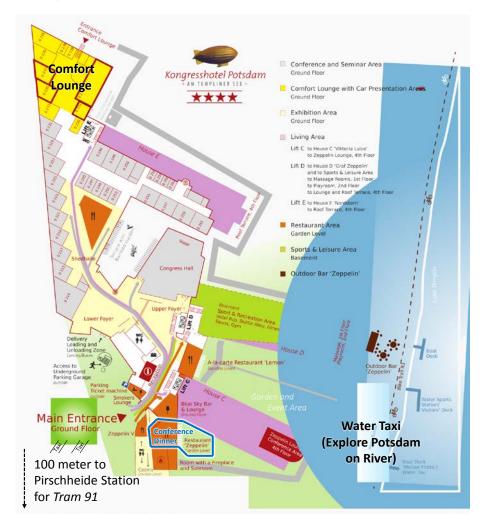
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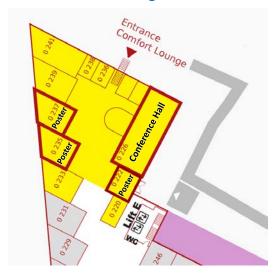
Maps

Kongresshotel-Potsdam

Conference will be held at the "Comfort Lounge" at the northwestern corner of the hotel, as masked by yellow color in the following floor map. This area can be accessed from both the main entrance (close to Pirschheide Station and Tram 91) and the Northern Entrance (200 meters to Luftschiffhafen Station).



Conference Venue (Comfort Lounge)



Potsdam Area

A detailed regional map has been included in your conference bag, with places of interest for your visit.



Conference Program

Sunday 28 May 2017	Monday 29 May 2017	Tuesday 30 May 2017	Wednesday 31 May 2017	Thursday 1 June 2017		
	Registration (08:00-10:00)	Registration (08:00-09:00)				
	Welcome Address (09:00-09:10)	Oral Session 3 (09:00-10:50)	Oral Session 5 (09:00-11:10)	Oral Session 7 (09:30-11:00)		
	Oral Session 1 (09:10-11:00)	(03.00-10.30)	(03.00-11.10)	(03.30-11.00)		
		Coffee	Break			
	Oral Session 1 Cont. (11:30-12:50)	Oral Session 4 (11:10-13:00)	Oral Session 5 Cont. (11:30-12:50)	Oral Session 7 Cont. (11:30-12:50)		
		ı				
	Oral Session 2 (15:30-17:00)		Oral Session 6 (15:30-17:00)	Free Time		
Registration	Coffee Break	Free Time /	Coffee Break	Coffee Break		
(15:00-17:00)	Oral Session 2 Cont.	Tours	*	Tours	Oral Session 6 Cont.	Keynote Lecture (16:00-17:00)
	(17:20-18:40)		(17:40-18:40)	Award Ceremony		
		(17:00-18:30)				
	Poster Flas	Congress				
	Poste	er Session (20:30-2	22:30)	Dinner (19:00-22:00)		

Program Schedule

Monday Morning 29th May, 2017 09:00 - 12:50

	Oral Session 1: Extracellular Matrix Proteins					
Chair: A	Chair: Anne George, Chicago, IL, United States					
Time	ID	Presenting Author	Title			
09:10	1.1	Willi Jahnen-Dechent (RWTH Aachen, Germany)	INTRO + Role of plasma protein Fetuin-A in mineralized matrix metabolism			
09:40	1.2	Brian Christensen (Aarhus University, Denmark)	Transglutaminase 2 reactive residues and intramolecular cross-links in osteopontin			
10:00	1.3	Xiaofang Wang (Texas A&M University, USA)	The role of FAM20B-catalyzed proteoglycans in Tooth Development			
10:20	1.4	Yinghua Chen (University of Illinois, USA)	The ER Ca2+ sensor STIM1 activates MAP kinase signaling upon DMP1 stimulation in osteoblasts and promotes differentiation by activating cyclin D1			
10:40	1.5	Xu Yang (University of Pittsburgh, USA)	Localization of keratin-75 in rodent ameloblasts by immunochemical techniques			
		Сс	offee Break			
11:30	1.6	William Landis (University of Akron, USA)	Temporal and spatial correlation between gene expression and mineralization in the avian leg tendon			
11:50	1.7	Amsa Ramachandran (University of Illinois, USA)	TRIP-1, an endoplasmic resident protein functions in the extracellular matrices of bone and dentin			
12:10	1.8	Jessica Walker (University of Edinburgh, UK)	Polymorph selectivity of coccolith-associated polysaccharides			
12:30	1.9	Arthur Veis* (Northwestern University, USA)	The unique biomineralization transcriptome and proteome of the teeth of the Camarodont sea urchin Lytechinus Variegatus (LV)			

Monday Afternoon 29th May, 2017 15:30 – 18:40

Oral Session 2: Cell Biology & Genetics

Chair: Jane B. Lian, Burlington, VT, United States

Time	ID	Duosanting Author	Title
rime	טו	Presenting Author	litie
15:30	2.1	Olivier Duverger (NIH Bethesda, USA)	INTRO + DLX3 in amelogenesis: from understanding the pathogenicity of TDO syndrome to identifying novel genes involved in enamel development and tooth decay risk
16:00	2.2	Coralee Tye (University of Vermont, USA)	Conserved long noncoding RNA expression regulates mesenchymal stromal cell commitment and differentiation to the osteoblast lineage
16:20	2.3	Cristina Manferdini (Rizzoli Orthopaedic Institute, Italy)	Collagen type XV is strictly associated to human mesenchymal stem cells mineralization ability
16:40	2.4	Ariane Berdal (Inserm, Université Paris- Diderot, France)	Ultrastructural cell and mineral phenotype in human FAM20A gene mutations
		Co	offee Break
17:20	2.5	Frantisek Spoutil (Academy of Sciences, Czech Republic)	Intrinsically Disordered Proteins Drive Enamel Formation via an Evolutionarily Conserved Selfassembly Motif
17:40	2.6	Mohammad Hassan (University of Alabama, USA)	Epigenetic Remodeling and Modification to preserve Skeletogenesis in vivo
18:00	2.7	Barbara Boyan (Virginia Commonwealth University, USA)	Matrix Vesicle miRNAs Regulate Extracellular Matrix in Growth Plate Chondrocytes
18:20	2.8	Chaoyuan Li (Texas A&M University, USA)	Chondrocytes originated from Meckel's cartilage and mandibular symphysis directly contribute to mandibular bone formation during early development

Monday Night 29th May, 2017 20:00 – 22:30

Poster Flash Presentation

Chair: Harvey Goldberg, London, ON, Canada

Chair: Harvey Goldberg, London, ON, Canada				
Time	ID	Presenting Author	Title	
20:00	P1F1	Dominick Scott (Université de Montréal)	Role of Poly [E] domains in self-aggregation of BSP	
20:05	P1F2	Paul Smeets (Northwestern University)	Artificial remineralization of enamel using magnesium and fluoride-rich solutions	
20:10	P1F3	Chaitanya Joshi (MGV KBH Dental College & Hospital)	Don't waste the best: human extracted teeth as an allograft	
20:15	P1F4	Yong-Hee Chun (UT Health San Antonio)	Identification of enamel proteins during enamel formation with imaging mass spectrometry	
20:20	P1F5	Sidney Omelon (University of Ottawa)	Biological polyphosphate precursors form amorphous calcium phosphate, whitlockite, and apatite	
20:25	P1F6	Stéphane Blouin (Ludwig Boltzmann Institute of Osteology)	Mapping of Poisson ratio in bone material at micrometer level by scanning acoustic microscopy	
20:30	P1F7	Anne Jantschket (Weizmann Institute of Science)	Biomineralization in different life stages of Dinoflagellates	
20:35	P1F8	Joshua Padovano (University of Illinois at Chicago College of Dentistry)	Osteocalcin-driven DMP1 overexpression affects bone development in a mouse model	
20:40		Free Po	oster Discussion Session	

Tuesday Morning 30th May, 2017 09:00 – 13:00

Oral Session 3: Osteocyte Networks Chair: Peter Fratzl, Potsdam, Brandenburg, Germany Time ID **Presenting Author** Title Lynda F Bonewald INTRO + The role of the aging osteocyte in the 09:00 3.1 (IUSM Indianapolis, USA) musculoskeletal system Dobrawa Napierala Cellular responses to elevated phosphate -09:30 3.2 (University of Pittsburgh, molecular mechanisms of USA) phosphate-induced mineralization Andreas Roschger Correlative analysis of the osteocyte network 09.50 3.3 (Max Planck Institute, density and bone mineralization Germany) Henrik Birkedal

Canalicular junctions in osteocyte networks

Lost in evolution: novel form of modeling

adaptation of bones to mechanical loading

bypasses the need for osteocytes in the

revealed by X-ray nanotomography

Coffee Break

10.10

10:30

3.4 (Aarhus University,

3.5 (Hebrew University of

Jerusalem, Israel)

Denmark)
Lior Ofer

Tuesday Morning 30th May, 2017 (Continued) 09:00 – 13:00

	Oral Session 4: Mineralization Mechanisms				
Chair: E	lia B	eniash, Pittsburgh, PA, Unit	ted States		
Time	ID	Presenting Author	Title		
11:10	4.1	Lia Addadi (Weizmann Institute, Israel)	INTRO + Biomineralization pathways: from ion transport to mineral assembly and deposition in soft skeletal forming tissues		
11:40	4.2	Ophélie Gourgas (McGill University, Canada)	Insights into the molecular mechanism of vascular calcification using both in vitro and in vivo models		
12:00	4.3	Janet Moradian-Oldak (University of Southern California, USA)	Cooperation between amelogenin and enamelin in forming calcium phosphate is dose dependent		
12:20	4.4	Bernhard Ganss (University of Toronto, Canada)	The enamel proteins Amelotin and Odam induce hydroxyapatite mineralization in a collagen matrix		
12:40	4.5	Yannicke Dauphin (Museum national d'histoire naturelle, France)	Diversity versus similarity of the structure and composition of modern avian calcified eggshells		

Group Photo - 13:00

Tuesday Afternoon 30th May, 2017 14:00 – 19:00

Exploring Potsdam

Tour A - Park Sanssouci

14:30 - 17:00

A bus brings us to the entrance of famous Park Sanssouci. Here we will have a guided tour, through Friedenskirche, Great Fountain, historical mill, vineyard terraces, and of course Sanssouci Palace.

Price: 15 €

Tour B - "Neuer Garten" and Cecilienhof Palace

14:30 - 17:00

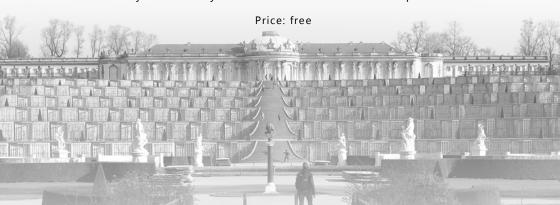
"Neuer Garten" is in the north of Potsdam between two beautiful lakes, and it is one of the most beautiful local parks. After bus transfer, a guided trip will take us through the scenic highlights, including a tour through Cecilienhof Palace built by Prince Wilhelm in 1913. In 1945, Cecilienhof Palace became famous for hosting Potsdam Conference.

Price: 21€

Tour C – Max Planck Institute of Colloids and Interfaces

14:30 - 16:30

For those who cannot get enough from science, we offer a transfer from the congress centre to MPIKG in Golm. We will take a tour through the facility and show you the labs of Biomaterials Department.



Tuesday Night 30th May, 2017 20:00 – 22:30

	Poster Flash Presentation					
Chairs:	Chairs: Janet Moradian-Oldak, Los Angeles, CA, United States					
Time	ID	Presenting Author	Title			
20:00	P2F1	Katrein Sauer (Julius Wolff Institut, Charité Universitätsmedizin)	Identifying the structural motif of anosteocytic fish bones (cleithra): layered arrangement of collagen fibrils with varying degrees of mineralization give rise to failure resistance			
20:05	P2F2	Heather Hunt (Cornell University)	Collagen matrix alterations lead to bone embrittlement in type 2 diabetic men			
20:10	P2F3	Sophia Houari (Université Paris Diderot)	Ferritin: a mediator of fluoride effects on enamel mineralization			
20:15	P2F4	Eve Donnelly (Cornell University)	Atypical femoral fractures with long-term bisphosphonate therapy are associated with altered cortical bone composition and reduced fracture resistance			
20:20	P2F5	Chang Du (South China University of Technology)	Osteogenesis effect of biomimetic apatite with nano/micro- hierarchical structure			
20:25	P2F6	Laurianne Imbert (Hospital for Special Surgery New York)	Effects of PTH treatment on Bone assessed by nanoscale infrared spectroscopy			
20:30	P2F7	Elizabeth Guirado (University of Illinois at Chicago)	Role of DMP1 in Impaired Dentin Mineralization of XLH-patients			
20:35	P2F8	Annette Merkel (University of Illinois at Chicago)	Endoplasmic chaperone protein GRP-78 interacts with DMP1 and facilitates nuclear translocation			
20:40		Free Po	oster Discussion Session			

Wednesday Morning 31st May, 2017 09:00 - 12:50

Oral Session 5: Structural & Functional Characterization

Chair: I	Vico :	Sommerd	lijk, Ei	ndhov	en, Ne	etherl	and

Time	ID	Presenting Author	Title
09:00	5.1	Roland Kröger (University of York, UK)	INTRO + Revisiting the collagen/mineral assembly pattern in bone: the possible role of cross-fibrillar mineralization
09:30	5.2	Henry P Schwarcz (McMaster University, Canada)	Transmission electron microscopic study of mineralization of collagen in newborn mice
09:50	5.3	Alexander Boys (Cornell University, USA)	Characterization of compositional gradients in the meniscal entheses by Raman spectromicroscopy
10:10	5.4	Anat Akiva (Eindhoven University of Technology, Netherland)	Unraveling the process of collagen mineralization
10:30	5.5	Marie Alberic (Max Planck Institute, Germany)	Repair and regeneration of sea urchin spines
10:50	5.6	Lukas Ludescher (University Leoben, Austria)	In-situ SAXS study of de-hydration and re- hydration of human dentine

Coffee Break

Wednesday Morning 31st May, 2017 (Continued) 09:00 – 12:50

Oral Session 5: Structural & Functional Characterization Chair: Nico Sommerdijk, Eindhoven, Netherland Time ID **Presenting Author** Title Sebastian Ehrig 11:30 5.7 (Max Planck Institute, Curvature control of bone tissue growth in-vitro Germany) Pascal R. Buenzli Bone mineral density distribution as a footprint of 11:55 5.8 (Monash University, bone physiology in growth, health, and disease Australia) Tengteng Tang Structural properties of hypermineralized tissue in 12.10 5.9 (University of British aged human proximal femur Columbia, Canada) Steve Weiner Bone Structure in Three Dimensions: Lamellae and 12:30 5.10 (Weizmann Institute, Trabeculae Rehovot, Israel)

Wednesday Afternoon 31st May, 2017 15:30 – 18:40

Oral Session 6: Metabolic and Hereditary Diseases						
Chair: N	Chair: Mary MacDougall, Birmingham, AL, United States					
Time	ID	Presenting Author	Title			
15:30	6.1	Marc McKee (McGill University, Canada)	INTRO + Osteopontin accumulation in the osteocyte lacuno-canalicular network contributes to the defective bone mineralization of X-linked hypophosphatemia			
16:00	6.2	Ceren Tuzmen (Carnegie-Mellon University, USA)	Crosstalk between sensory neuropeptides regulating heterotopic ossification in tendon			
16:20	6.3	Adele L Boskey (Hospital for Special Surgery, New York, USA)	Effects of long-term alendronate treatment on mineral properties in ovariectomized mice			
16:40	6.4	Joan C. Marini (NICHD/NIH Bethesda, USA)	Bone with uncleavable Type I collagen c- propeptide has abnormal development of multiple bone cell populations and increased bone matrix mineralization			
		Co	ffee Break			
17:40	6.5	Nadja Fratzl-Zelman (Ludwig Boltzmann Institute of Osteology, Austria)	IFITM5 mutation in atypical OI Type VI is associated with lack of PEDF within the bone matrix, osteoidosis, hypermineralization and impaired endochondral ossification			
18:00	6.6	Wendy J. Shaw (Pacific Nothwest National Lab, USA)	Structural effects of Amelogenin on hydroxyapatite due to naturally occurring mutations			
18:20	6.7	Claire Bardet (Université Paris Descartes, France)	Alveolar bone versus cementum: tissue specific response to X-linked hypophosphatemic rickets			

Wednesday Night 31st May, 2017 20:00 – 22:30

Poster Flash Presentation							
Chair: J	Chair: Jeffrey Gorski, Kansas City, MO, United States						
Time	ID	Presenting Author	Title				
20:00	P3F1	Zhaoyong Zou (Max Planck Institute of Colloids and Interfaces)	Mechanistic Insight into the Influence of Additives on the Phase Separation of Amorphous Calcium Carbonate from Solution				
20:05	P3F2	Matthias Widbiller (University Hospital Regensburg)	Dentin as a source of endogenous bioactive proteins for dental pulp tissue engineering				
20:10	P3F3	Anders Jensen (Max Planck Institute of Colloids and Interfaces)	Local structure and mobility of H₂O in ACC				
20:15	P3F4	Vaibhav Sharma (All India Institute of Medical Sciences)	The unstructured proteins in biological structures : the case of human tooth				
20:20	P3F5	Xuefeng Zhao (University of California San Diego)	A next-gen genetically-engineered fibrous dysplasia mouse model driven by GNAS				
20:25	P3F6	Mizuho Yamazaki (Nihon University School of Dentistry at Matsudo)	Inflammatory cytokines regulate human AMTN gene transcription in gingival epithelial cells				
20:30	P3F7	Anushree Vijaykumar (University of Connecticut)	Interactions between FGF and Wnt/β-catenin signaling pathways during in vitro differentiation of dental pulp.				
20:35	P3F8	Luciana Trino (São Paulo State University)	Biofunctionalization of titanium surfaces by osteogenic peptides				
20:40	Free Poster Discussion Session						

Thursday Morning 1st June, 2017 09:30 – 12:50

	Oral Session : Translational/Bioinspirational Research					
Chair: B	Chair: Barbara D. Boyan, Richmond, VA, United States					
Time	ID	Presenting Author	Title			
09:30	7.1	Jian Q Feng (Texas A&M College of Dentistry, USA)	INTRO + Applications of the cell lineage tracing technique in bone and teeth development studies			
10:00	7.2	Paulo Noronha Lisboa- Filho (São Paulo State University, Brazil)	Bone repair with Raloxifene and bioglass nanoceramic composite			
10:20	7.3	Sunita P. Ho (University of California San Francisco, USA)	Multiscale form and function reveals insights into human renal biomineralization			
10:40	7.4	Håkan Nygren (University of Gothenburg, Sweden)	Magnesium oxide, hydroxyapatite and bone healing			
			Coffee			
11:30	7.5	Rachel J Waddington (Cardiff University, UK)	Biological responses of bone marrow stem cells to depleted dentine matrix			
11:50	7.6	Luna Goswami (KIIT University, India)	A modified polysaccharide-based hydrogel for enhanced osteogenic maturation and mineralization independent of differentiation factors			
12:10	7.7	Ophir Klein (University of California San Francisco, USA)	A FAK-YAP-mTOR signaling axis regulates stem cell-based dental renewal in mice			
12:30	7.8	Luiz Eduardo Bertassoni (Oregon Health and Science University, USA)	Towards multi-scale engineering of biomimetic bone microenvironments - pre-vascularized, cell- laden high-density bone-derived hydrogels mineralized on the nanoscale			

Thursday Afternoon 1st June, 2017 16:00 - 17:00

Eve and Arthur Veis Keynote Lecture

Chairs: Anne George, Ariane Berdal, Peter Fratzl

Time	Presenting Author	Title
16:00 – 17:00	David J. Mooney* (Harvard SEAS, USA)	Soft materials to build hard tissues

Award Ceremony 17:00 – 18:30



Eve and Arthur Veis Keynote Lecture 2017

is given by:

Prof. David J. Mooney



David is the Pinkas Family Professor of Bioengineering in the Harvard School of Engineering and Applied Faculty Sciences. and a Core Member of the Wyss Institute. His laboratory designs biomaterials to make cell and protein therapies effective and practical approaches to treat disease. He is a member of the National Academy Engineering, the National Academy of Medicine, and the National Academy of Inventors. He has won numerous awards, including the

Clemson Award from the SFB, MERIT award from the NIH, Distinguished Scientist Award from the IADR, Phi Beta Kappa Prize for Excellence in Undergraduate Teaching, and the Everett Mendelsohn Excellence in Mentoring Award from Harvard College. His inventions have been licensed by twelve companies, leading to commercialized products, and he is active on industrial scientific advisory boards.

Travel Award Recipients for 12th ICCBMT 2017

To encourage and support the new generation of scientists in tissue biomineralization, Conference Early Career Researcher (ECR) travel awards are given out to those outstanding candidates who are current postgraduate students, postdocs or early career faculty members. The awards were decided by a selection panel in the Organizing Committee.

Alexander Boys Cornell University, USA

Anat Akiva Eindhoven University of Technology, NL

Andreas Roschger Max Planck Institute of Colloids and

Interfaces, DE

Anne Jantschke Weizmann Institute of Science, IL

Annette Merkel University of Illinois at Chicago, USA

Anushree Vijaykumar University of Connecticut, USA

Ceren Tuzmen Carnegie Mellon University, USA

Chaitanya Joshi MGV KBH Dental College & Hospital, IN

Chang Du South China University of Technology, CN

Chaoyun Li Texas A&M College of Dentistry, USA

Claire Bardet Paris Descartes University, FR

Cristina Manferdini Rizzoli Orthopaedic Institute, IT

Dominick Scott Université de Montréal, CA

Elizabeth Guirado University of Illinois at Chicago, USA

Frantisek Spoutil Institute of Molecular Genetics Brno, CZ

Heather Hunt Cornell University, USA

Josua Padovano University of Illinois at Chicago, USA

Laurianne Imbert Hospital for Special Surgery New York, USA

Lior Ofer Hebrew University, IL

Luciana Trino São Paulo State University, BR

Luiz Bertassoni Oregon Health and Science University, USA

Lukas Ludescher Montanuniversität Leoben, AT

Matthias Widbiller University Hospital Regensburg, DE

Mizuho Yamazaki Nihon University, JP

Olivier Duverger NIH - National Institute of Arthritis and

Musculoskeletal and Skin Diseases, USA

Ophelie Gourgas McGill University, CA

Paul Smeets Northwestern University, USA

Sophia Houari Université Paris Diderot, FR

Stéphane Blouin Ludwig Boltzmann Institute of Osteology, AT

Tenteng Tang University of British Columbia, CA

Vaibhav Sharma All India Institute of Medical Sciences, IN

Xu Yang University of Pittsburgh, USA

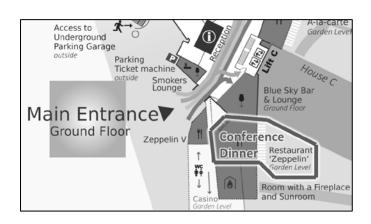
Xuefeng Zhao University of California San Diego, USA

Yuichi Ikeda University of Toronto, CA

Thursday Night 1st June, 2017 19:00 – 22:30

Conference Dinner

Please join us for Conference Dinner. It is located in the south wing of the hotel, in Restaurant 'Zeppelin' at Garden Level.





Notes:

