

No	Duration time	Name	Title	Type
15M	Tuesday	8:00 – 12:00 AM		
	Host	Franz		
		5 Yamaguchi	Opening remark	
1	30	Solomon	Geometric and Electronic Structural Contributions to Fe/O ₂ Reactivity	Invited
2	20	Machonkin, Timothy	Defining a preference for polarizable halogen substituents in the hydroquinone ring-cleaving dioxygenase PcpA	Oral
3	20	Richards, Nigel	Mechanistic and biophysical characterization of oxalate decarboxylase	Oral
4	20	Miecznikowski, John	Towards a better understanding of liver alcohol dehydrogenase: Synthesis, characterization and activity of zinc(II) model complexes based on bis-triazole and bis-imidazole precursors	Oral
5	15	Seino, Hidetake	Metal-catalyzed reactions of <i>N,N'</i> -disubstituted imidazolium cations with hydrogen as functional models of hydrogenases in methanogenesis	Oral
	10		Coffee break	
	Host	Storr		
6	20	Nazarov, Alexey	Targeting cancer specific cellular processes with ruthenium compounds.	Oral
7	20	Romero Canelón, Isolda	Overcoming platinum resistance using small-molecule antineoplastic agents	Oral
8	20	Shimakoshi, Hisashi	Bioinspired Catalyst Composed of Cobalamin and Semiconductor with Vitamin B12 Function	Oral
9	30	Cowan	Catalytic metallodrugs: structure-function and activity studies of a broad therapeutic platform	Invited
10	30	Glazer	Catalytic metallodrugs: structure-function and activity studies of a broad therapeutic platform	Invited
total	240			
15A	Tuesday	1:00 – 5:00 PM		
	Host	Hartinger		
11	30	Donnelly	The synthesis of metal complexes designed to assist in diagnosis and therapy	Invited
12	15	Weekes, David	Lanthanide complexes for the treatment of bone resorption disorders	Oral
13	20	Diaz-Diestra, Daysi	Water-synthesized ZnS:Mn quantum dots for multiple biological detection and enzyme immobilization	Oral
14	20	Liu, Hongke	Dual mode binding of ruthenium/osmium arene anticancer complexes to DNA: coordination and intercalation	Oral
15	30	Storr	Targeting small-molecules to treat Alzheimer's Disease	Invited
	10		Coffee break	
	Host	Donnelly		
16	15	Schmidt, Andrea	M ₂ L ₄ coordination cages as potential drug delivery systems for anticancer agents	Oral
17	30	Hartinger	From targeted organometallic anticancer agents to intracellular target identification	Invited
18	20	Kotani, Hiroaki	Mechanistic insight into hydrogen-atom transfer reactions by chromium(V)-oxo complexes: What is controlling the reactivity?	Oral
19	20	Castonguay, Annie	Multitasking organometallic complexes as therapeutics	Oral
20	30	Franz	Conditional Surrender: Designing Molecules to Put Biological Metals in Their Place	Invited
total	240			

16M	Wednesday	8:00 – 12:00 AM		
	Host		Stillman	
21	30		Cohen, Seth	Metal-binding pharmacophores for metalloenzyme inhibitors Oral
22	20		Gómez-Tagle, Paola	Oximate metal complexes as models of hydrolytic metalloenzymes Oral
23	15		Shen, Clara	A new approach to the fluorescence imaging of platinum drug processing Oral
24	20		Yamaguchi, Motowo	Switching of photochemical ligand release on ruthenium complexes by external stimuli Oral
25	30		Wright	CO-Releasing molecules (CORMs) with targeted pharmacological activity Invited
	10			Coffee break
	Host		Ogura	
26	15		Yasumoto, Ko	Biogenic Polyamines Capture CO ₂ and Accelerate Extracellular Bacterial CaCO ₃ Formation Oral
27	20		Matsumoto, Tsuyoshi	Model studies of acetyl CoA synthase catalyzing CO ₂ fixation in organism Oral
28	20		Akashi, Haruo	Synthesis and properties of magnesium(II) complexes of sugar-conjugated fluorochlorin derivatives as new photosensitizers Oral
29	30		Stillman	Metal induced folding in metallothioneins: New results and ideas from time-, temperature-, and modification-dependent ESI-MS studies Invited
30	30		Asayama	Gene Delivery System Based on Zinc-Chelated Imidazole Groups for Gene Expression Enhancement Invited
total	240			

16A	Wednesday	1:00 – 5:00 PM		
	Host		Mitaka	
31	30		Orvig	Inorganic radiopharmaceutical chemistry Invited
32	20		Ito, Hidehiro	Photoinduced hydrogen evolution using [NiFe] hydrogenase with phospholipid liposomes system Oral
33	20		Zhu, Guangyu	Efficient co-delivery of a Pt(IV) prodrug and a p53 activator to enhance the anticancer activity of cisplatin Oral
34	20		Tomat, Elisa	Molecular strategies targeting the iron metabolism of cancer cells Oral
35	20		Ogura, Shun-ichiro	The effect of iron ion on the specificity of photodynamic therapy using 5-aminolevulinic acid Oral
	10			Coffee break
	Host		Wright	
36	15		Chellan, Prinessa	New metal-drug conjugates for treatment of parasitic diseases Oral
37	20		Werrett, Melissa	Bismuth(III) phosphinate complexes as antibacterial agents. Oral
38	20		Mikata, Yuji	Quinoline-based ligand design for fluorescent sensing of metal ions Oral
39	30		Urano	Novel bio-luminogenic probes for continuous imaging of various biological phenomena in deep tissues of living animals Oral
40	30		Guo	Inorganic Bridges between Chemotherapy with Bio-Imaging Invited
	5		Seth Cohen	Closing remark
total	240			

16A Wednesday 5:00 PM to 7:00 PM The Mixer for symposium #356

17M Thursday 10:AM to 12:00 AM POSTER Session at Hawaii Convention Center