



PONTIFICIA
UNIVERSIDAD
CATÓLICA
DE CHILE

BIOMEDICAL IMAGING CENTER

2018 - Articles in conferences

N°	Title of the presentation	Event	Authors	Type of presentation	Country	City	Date
1	Big Data: The Information Revolution in Biomedical Research.	Big Data: The Information Revolution in Biomedical Research. Pontificia Universidad Católica de Chile.	Carlos Sing-Long	Conference	Chile	Santiago	18-12-2018
2	Big Data y Machine Learning en Medicina.	Big Data: The Information Revolution in Biomedical Research. Pontificia Universidad Católica de Chile.	Carlos Sing-Long	Oral communication	Chile	Santiago	18-12-2018
3	Results in Contemporary Mathematical Physics: Conference in Honor of Rafael Benguria.	Results in Contemporary Mathematical Physics: Conference in Honor of Rafael Benguria, Pontificia Universidad Católica de Chile.	Carlos Sing-Long	Conference	Chile	Santiago	17-12-2018
4	Data Science and Clinical Laboratory. The path to a biochemical diagnosis for Attention Deficit Hyperactivity Disorder.	Symposium Big Data: The Information Revolution in Biomedical Research.	Marcela Henríquez	Oral communication	Chile	Santiago	16-12-2018
5	Fatty liver diseases & MRI: how much fat or what kind of fat?	V Encuentro Vasco-Chileno de Investigación Biomédica.	Marcelo Andía	Oral communication	Chile	Santiago	03-12-2018

N°	Title of the presentation	Event	Authors	Type of presentation	Country	City	Date
6	Gender differences in the use of high-dose statins in the secondary prevention of patients with myocardial infarction.	LV Chilean Congress of Cardiology and Cardiovascular Surgery.	Gonzalo Martínez	Conference	Chile	Concepción	28-11-2018
7	Functional assessment of coronary disease.	LV Chilean Congress of Cardiology and Cardiovascular Surgery.	Gonzalo Martínez	Conference	Chile	Concepción	28-11-2018
8	Colchicine reduces intracardiac expression of chemokines in patients with acute coronary syndrome.	LV Chilean Congress of Cardiology and Cardiovascular Surgery.	Gonzalo Martínez	Conference	Chile	Concepción	28-11-2018
9	Dietary supplementation with bagasse meal improves plasma antioxidant function, reduces inflammation, decreases atherosclerosis and increases survival in a murine model of fatal ischemic heart disease.	LV Chilean Congress of Cardiology and Cardiovascular Surgery.	Katherine Rivera, Francisca Salas-Pérez, Guadalupe Echeverría, Inés Urquiaga, Sara Dicenta, Druso Pérez, Marcelo Andia, Sergio Uribe, Cristián Tejos, Dolores Busso, Pablo Irrázaval, Attilio Rigotti	Poster	Chile	Concepción	28-11-2018
10	On the Bipolar Electrograms Obtained from Electrocardiographic Imaging.	XXXVI Congreso Anual de la Sociedad Española de Ingeniería Biomédica.	Raúl Caulier	Conference	Spain		21-11-2018
11	Circular non-uniform patch inputs for CNN applied to multiple sclerosis lesion segmentation.	23rd Iberoamerican Congress on Pattern Recognition, CIARP.	Stéren Chabert	Conference	Spain	Madrid	19-11-2018
12	Computational Biomechanics of the Lung.	Keynote lecture, III Congreso para Estudiantes de Ingeniería PUC-UTFSM.	Daniel Hurtado	Conference	Chile	Santiago	06-11-2018

N°	Title of the presentation	Event	Authors	Type of presentation	Country	City	Date
13	Robust and High-Dimensional Statistics Workshop, Simons Institute for the Theory of Computing.	Robust and High-Dimensional Statistics Workshop, Simons Institute for the Theory of Computing.	Carlos Sing-Long	Conference	United States of America	Berkeley	29-10-2018
14	Global and regional strain increase in extubated subjects on spontaneous ventilation after experimental lung injury.	31st Annual Congress of the European Society of Intensive Care Medicine.	P Cruces, B Erranz, F Lillo, M Sarabia, P Iturrieta, F Morales, K Blaha, T Medina, F Diaz, J Retamal, D E Hurtado	Conference	France	Paris	20-10-2018
15	Post-Treatment and Recurrence Evaluation of Rectal Cancer.	Chilean Congress of Radiology.	F Diaz, J Retamal, D E Hurtado	Conference	Chile	Santiago	18-10-2018
16	Grape bagasse flour improves the antioxidant function of plasma, reduces atherosclerosis and increases survival in a murine model.	XXII Chilean Congress of Nutrition.	Katherine Rivera, Francisca Salas-Pérez, Guadalupe Echeverría, Inés Urquiaga, Sara Dicenta, Druso Pérez, Marcelo Andía, Sergio Uribe, Cristián Tejos, Dolores Busso, Pablo Irrázaval, Attilio Rigotti	Poster	Chile	Coquimbo	03-10-2018
17	Deformación global y regional aumenta en sujetos extubados en ventilación espontánea, posterior a una lesión pulmonar experimental.	15 Congreso Chileno de Cuidados Intensivos Pediátricos.	P Cruces, B Erranz, F Lillo, M Sarabia, P Iturrieta, F Morales, K Blaha, T Medina, F Diaz, D E Hurtado	Conference	Chile	Antofagasta	03-10-2018
18	VILI: Una mirada desde la ingeniería.	Invited lecture, 36th Congreso Chileno de Medicina Intensiva.	Daniel Hurtado	Conference	Chile	Viña del Mar	03-10-2018
19	Talk "What is Medical Physics?"	Expo Futuro Novato. Pontificia Universidad Católica de Chile.	Edgardo Dörner	Oral communication	Chile	Santiago	02-10-2018

N°	Title of the presentation	Event	Authors	Type of presentation	Country	City	Date
20	How is the Pediatric Cardio-oncology team concept being perceived in South America and Mexico: Recent Survey from the Inter American Pediatric Cardio-Oncology Group (GIACOP).	Global Cardio-Oncology Summit.	Ricardo H Pignatelli, Maria Veronica C Santos, Gabriela N Leal, Carmen Luz Lopez, Andres Gonzalez Ortiz, Fabiola Perez, Julio Cesar Biancolini, Oscar Arevalo, Claudia M Consentino	Poster	United States of America	Tampa, Florida	27-09-2018
21	Mutations in genes involved in sphingolipids' metabolism associated with ADHD.	18th WPA World Congress of Psychiatry.	Marcela Henríquez	Oral communication	Mexico	Mexico City	27-09-2018
22	Seminar "Monte Carlo dose calculations in the era of heterogeneous computing".	DKFZ Seminar, German Cancer Research Center.	Edgardo Dörner	Seminar	Germany	Heidelberg	26-09-2018
23	A Gauss-Newton Method for Non-Convex Composite Problems with Applications to Medical Imaging.	Japan-Chile Academic Forum.	Carlos Sing-Long	Oral communication	Japan	Nikko	25-09-2018
24	Japan-Chile Academic Forum.	Japan-Chile Academic Forum.	Carlos Sing-Long	Conference	Japan	Nikko	25-09-2018
25	New imaging tools and interventional treatment in urology.	Chilean Society of Urology.	Cecilia Besa	Oral communication	Chile	Santiago	24-09-2018
26	Implementation of diagnostic support techniques for neuroimmune pathology: Our experience in Chile.	XV Congress of the Clinical Laboratory Medical Society.	Marcela Henríquez	Conference	Chile	Santiago	10-09-2018
27	Anticuerpos asociados y específicos de miositis en pacientes chilenos con dermatomiositis. estudio observacional en un centro universitario.	XV Congress of the Clinical Laboratory Medical Society.	Marcela Henríquez	Oral communication	Chile	Santiago	10-09-2018

N°	Title of the presentation	Event	Authors	Type of presentation	Country	City	Date
28	Velocity Variability in MRI Phase-Contrast.	26th European Signal Processing Conference (EUSIPCO).	A D Firoozabadi, P Irarrazaval, S Uribe, C Tejos, C Sing-Long	Conference	Italy	Rome	03-09-2018
29	Parsimonia y Problemas de Reconstrucción.	Big Data Workshop, Pontificia Universidad Católica de Chile.	Carlos Sing-Long	Oral communication	Chile	Santiago	03-09-2018
30	PCa and mp MRI PCa and PIRADS.	Conference on Imaging and Cancer.	Cecilia Besa	Oral communication	Chile	Antofagasta	31-08-2018
31	Hepatospecific contrasts and oncological utility.	Conference on Imaging and Cancer.	Cecilia Besa	Oral communication	Chile	Antofagasta	31-08-2018