

CURRICULUM VITAE

1. PERSONAL INFORMATION

González			Bergas	Fermín Eduardo
FATHER 'S SURNAME			MOTHER'S MAIDEN SURNAME	NAMES
18	10	1969	Male	Chilean and Argentinian
DAY	MONTH	YEAR		
DATE OF BIRTH			SEX	NATIONALITY
fgonzalez@u.uchile.cl			+56-2-29781714	Universidad de Chile
E-MAIL			TELEPHONE	INSTITUTION

2. ACADEMIC BACKGROUND

PROFESSIONAL TITLE(S)/DEGREE(S)	UNIVERSITY	COUNTRY	YEAR
Bachelor in Dental Sciences	University of Chile	Chile	1994
Dental Surgeon (DDS)	University of Chile	Chile	1994
Master in Dental Sciences	University of Chile	Chile	2006
PhD in Biomedicine	University of Chile	Chile	2011
Postdoctoral training	Karolinska Institute	Sweden	2013

3. PRINCIPAL LINES OF RESEARCH.

LINES OF RESEARCH	1. Phenotypic plasticity of dendritic cells and its modulation through danger signals
	2. Biomarkers in progressive periodontitis
	3. Ethical practices and social responsibility in dental education

4. ACADEMIC APPOINTMENTS

APPOINTMENT	INSTITUTION	HOURS PER WEEK
Assistant Professor	University of Chile	44

5. PARTICIPATION IN PROJECTS/RESEARCH PROGRAMS FUNDED BY CONICYT.

YEAR		PROJECT NUMBER & TITLE	ROLE	FUNDING AGENCY
Begin	End			
2013	2017	11130607. Proteomic and immunological analysis of cancer cell lysates: Identification of new danger signals for dendritic cells activation	PRINCIPAL INVESTIGATOR	FONDECYT
2005	2009	1050279. Intentional skull deformation patterns in pre-Hispanic Arica populations: Morphometric geometric analysis using tele-radiography.	Co-investigator	FONDECYT
2006	2009	1060935. Study of the regulatory T cell response in patients vaccinated with tumor lysates-loaded dendritic cells.	Technician and supporting staff	FONDECYT
2002	2004	1020375. Geometric morphometric contributions to the anthropological study of the Chilean pre-Hispanic populations: Microevolution and skull shape variation.	Technician and supporting staff	FONDECYT

6. PARTICIPATION IN PROJECTS/RESEARCH PROGRAMS FUNDED BY OTHER NATIONAL AND INTERNATIONAL AGENCIES.

YEAR		PROJECT NUMBER & TITLE	ROLE	FUNDING AGENCY
Begin	End			
2014	2016	Group of Cancer, Millennium Institute on Immunology and Immunotherapy	Associated researcher	MIDEPLAN
2005	2008	P04/030F. Millennium Nucleus in Immunology and Immunotherapy	Technician and supporting staff	MIDEPLAN
2003	2004	Association between IL-1 and TNF- α genes single nucleotide polymorphisms (SNPs), and the ex vivo cytokines expression in a Chilean sample of aggressive periodontitis patients.	PRINCIPAL INVESTIGATOR	University of Chile Clinical Hospital
2003	2005	Dendritic cells chimerism in patients with allogeneic hematopoietic stem cell transplantation.	Co-investigator	University of Chile Clinical Hospital

7. PUBLICATIONS:

a. Articles.

Author(s)	Pérez CA, Rabanales R, Rojas-Alcayaga G, Larrondo M, Escobar AF, López MN, Salazar-Onfray F, Alfaro JI, González FE								
Corresponding author	González FE.								
Article title	Dendritic cell chimerism in oral mucosa of transplanted patients affected by graft versus host disease								
Journal full name	Journal of Oral Pathology and Medicine							Index	
								ISI 1.870	
Bibliographic Reference	Year	Vol.	Nº	Begin-End page	Publication status to date				
	2015				Published		In press		Accepted
DOI									

Author(s)	Alcota M, Fuenzalida A, Barrientos C, Garrido M, Ruiz de Gauna P, González FE.								
Corresponding author	González FE.								
Article title	An "XL" endodontics intervention for dental students required to repeat the course: Changing Frustration to Improved Grades and Attitudes.								
Journal full name	Journal of Dental Education							Index	
								ISI 1.040	
Bibliographic Reference	Year	Vol.	Nº	Begin-End page	Publication status to date				
	2015	79	4	399-408	Published	X	In press		Accepted

Author(s)	González FE, Gleisner MA, Falcón F, Osorio F, López MN, Salazar-Onfray F.								
Corresponding author	Salazar-Onfray F								
Article title	Tumor cell lysates as immunogenic sources for cancer vaccine design								
Journal full name	Human Vaccines & Immunotherapeutics							Index	
								ISI 3.643	
Bibliographic Reference	Year	Vol.	Nº	Begin-End page	Publication status to date				
	2014	10	11	3261-3269	Published	X	In press		Accepted

Author(s)	González FE, Ortiz C, Reyes M, Dutzan N, Patel V, Pereda C, Gleisner MA, López MN, Gutkind JS, Salazar-Onfray F								
Corresponding author	González FE and Salazar-Onfray F								
Article title	Melanoma cell lysate induces CCR7 expression and in vivo migration to draining lymph nodes of therapeutic human dendritic cells								
Journal full name	Immunology							Index	
								ISI 3.735	
Bibliographic Reference	Year	Vol.	Nº	Begin-End page	Publication status to date				
	2014	142	3	396-405	Published	X	In press		Accepted
DOI	10.1111/imm.12264								

Author(s)	González FE , Ramírez M, Allerbring EB, Fasching N, Lundqvist A, Poschke I, Achour A, Salazar-Onfray F.									
Corresponding author	Salazar-Onfray F									
Article title	Melanocortin 1 Receptor-derived peptides are efficiently recognized by cytotoxic T lymphocytes from melanoma patients									
Journal full name	Immunobiology								Index	
									ISI 3.180	
Bibliographic Reference	Year	Vol.	Nº	Begin-End page	Publication status to date					
	2014	219	3	189-197	Published	X	In press		Accepted	
DOI	10.1016/j.imbio.2013.10.002.									

Author(s)	Alcota M, Ruiz de Gauna P, González FE									
Corresponding author	González FE									
Article title	Development of ethical practices and social responsibility in dental education at the university of Chile: student and faculty perceptions									
Journal full name	European Journal of Dental Education								Index	
									ISI 1.448	
Bibliographic Reference	Year	Vol.	Nº	Begin-End page	Publication status to date					
	2013	17	1	e70-76	Published	X	In press		Accepted	
DOI	10.1111/j.1600-0579.2012.00767.x.									

Author(s)	Salazar D, González FE , Guzmán CL, Alcota M									
Corresponding author	Alcota M									
Article title	Degree of root canal transportation of three rotary instrumentation systems: A cone-beam computed tomography study									
Journal full name	Revista Facultad de Odontología Universidad de Antioquia								Index	
									Scielo	
Bibliographic Reference	Year	Vol.	Nº	Begin-End page	Publication status to date					
	2013	24	2	180-201	Published		In press	X	Accepted	

Author(s)	Tittarelli A, González FE , Pereda C, Mora G, Muñoz L, Saffie C, García T, Diaz D, Falcon C, Hermoso M, López MN, Salazar-Onfray F								
Corresponding author	Salazar-Onfray F								
Article title	Toll- like Receptor 4 gene polymorphism influences dendritic cell in vitro function and clinical outcomes in vaccinated melanoma patients								
Journal full name	Cancer Immunology Immunotherapy							Index	
								ISI 3.943	
Bibliographic Reference	Year	Vol.	Nº	Begin-End page	Publication status to date				
	2012	61	11	2067-2077	Published	X	In press	Accepted	
DOI	10.1007/s00262-012-1268-7								

Author(s)	Aguilera R, Saffie C, Tittarelli A, González FE , Ramirez M, Reyes D, Pereda C, Hevia D, Garcia T, Salazar L, Ferreira A, Hermoso M, Mendoza-Naranjo A, Ferrada C, Garrido P, López MN, Salazar-Onfray F								
Corresponding author	Salazar-Onfray F								
Article title	Heat Shock Induction of Tumor-Derived Danger Signals Mediate Rapid Monocyte Differentiation to Clinically Effective Dendritic Cells								
Journal full name	Clinical Cancer Research							Index	
								ISI 8.193	
Bibliographic Reference	Year	Vol.	Nº	Begin-End page	Publication status to date				
	2011	17	8	2474-2483	Published	X	In press	Accepted	
DOI	10.1158/1078-0432.CCR-10-2384								

Author(s)	Hernandez M, Dutzan N, García-Sesnich J, Abusleme L, Dezerega A, Silva N, González FE , Vernal R, Gamonal J, Sorsa T, Gamonal J									
Corresponding author	Gamonal J									
Article title	Host-pathogen interactions in progressive chronic periodontitis									
Journal full name	Journal of Dental Research								Index	
									ISI 4.144	
Bibliographic Reference	Year	Vol.	Nº	Begin-End page	Publication status to date					
	2011	90	10	1164-1170	Published	X	In press		Accepted	
DOI	10.1177/0022034511401405									

Author(s)	Alcota M, Muñoz A, González FE .									
Corresponding author	González FE .									
Article title	Diverse and participative learning methodologies: a remedial teaching intervention for low marks dental students in Chile									
Journal full name	Journal of Dental Education								Index	
									ISI 1.040	
Bibliographic Reference	Year	Vol.	Nº	Begin-End page	Publication status to date					
	2011	75	10	1390-1395	Published	X	In press		Accepted	
DOI										

Author(s)	León P, Ilabaca MJ, Alcota M, González FE									
Corresponding author	González FE .									
Article title	Frequency of apical periodontitis in endodontic treatment in undergraduate									
Journal full name	Revista Clinica de Periodoncia, Implantología y Rehabilitación Oral								Index	
									Scielo	
Bibliographic Reference	Year	Vol.	Nº	Begin-End page	Publication status to date					
	2011	4	3	126-129	Published	X	In press		Accepted	
DOI										

Author(s)	Lopez MN, Pereda C, Segal G, Muñoz L, Aguilera R, González FE , Escobar A, Ginesta A, Reyes D, González R, Larrondo M, Compán A, Ferrada C, Salazar-Onfray F								
Corresponding author	Salazar-Onfray F								
Article title	Prolonged survival of dendritic cell-vaccinated melanoma patients correlates with tumor-specific delayed type IV hypersensitivity response and reduction of tumor growth factor beta-expressing T cells								
Journal full name	Journal of Clinical Oncology							Index	
								ISI 17.879	
Bibliographic Reference	Year	Vol.	Nº	Begin-End page	Publication status to date				
	2009	27	6	945-952	Published	X	In press	Accepted	
DOI	10.1200/JCO.2008								

Author(s)	Spotorno AE, Manríquez G, Fernández A, Marín JC, González F , Wheeler J								
Corresponding author	Spotorno AE								
Article title	Domestication of guinea pigs from a southern Peru-northern Chile wild species and their middle pre-Columbian mummies								
Journal full name	University of California. Publications in Zoology							Index	
Bibliographic Reference	Year	Vol.	Nº	Begin-End page	Publication status to date				
	2007	134		367-388	Published	X	In press	Accepted	

Author(s)	Manríquez G, González-Bergas FE , Salinas JC, Espouey O.								
Corresponding author	Manríquez G								
Article title	Cranial intentional deformation in prehistoric population of northern Chile: preliminary analysis of geometric morphometric base on craniofacial X-ray								
Journal full name	Chungará Revista de Antropología Chilena							Index	
								ISI 0.664	
Bibliographic Reference	Year	Vol.	Nº	Begin-End page	Publication status to date				
	2006	38	1	13-34	Published	X	In press	Accepted	

Author(s)	Pérez C, González FE , Pavez V, Araya AV, Aguirre A, Cruzat A, Contreras-Levicoy J, Dotte A, Aravena O, Salazar L, Catalán D, Cuenca J, Ferreira A, Schiattino I, Aguillón JC.								
Corresponding author	Aguillón JC.								
Article title	The -308 polymorphism in the promoter region of the tumor necrosis factor-alpha (TNF-alpha) gene and ex vivo lipopolysaccharide-induced TNF-alpha expression in patients with aggressive periodontitis and/or type 1 diabetes mellitus.								
Journal full name	European Cytokine Network						Index		
							ISI 1.800		
Bibliographic Reference	Year	Vol.	Nº	Begin-End page	Publication status to date				
	2004	15	4	364-370	Published	X	In press		Accepted

Author(s)	Araya AV, Pavez V, Perez C, González F , Columbo A, Aguirre A, Schiattino I, Aguillón JC.								
Corresponding author	Aguillón JC.								
Article title	Ex vivo lipopolysaccharide (LPS)-induced TNF-alpha, IL-1beta, IL-6 and PGE2 secretion in whole blood from Type 1 diabetes mellitus patients with or without aggressive periodontitis.								
Journal full name	European Cytokine Network						Index		
							ISI 1.800		
Bibliographic Reference	Year	Vol.	Nº	Begin-End page	Publication status to date				
	2003	14	3	128-133	Published	X	In press		Accepted

Author(s)	Alcota M, González FE								
Corresponding author	Alcota M								
Article title	Avances en el desarrollo de una vacuna contra la caries dental								
Journal full name	Revista Hospital Clínico Universidad de Chile						Index		
							LILACS		
Bibliographic Reference	Year	Vol.	Nº	Begin-End page	Publication status to date				
	2002	13	2	110-116	Published	X	In press		Accepted

b. Book Chapters.

Author(s)	Raquel Aguilera, Paulina Araya, Fermín González , Mercedes López, Leonel Muñoz, Cristián Pereda, Cecilia Plaza, Diego Reyes, Flavio Salazar, Tomás Stamm, Andrés Tittarelli				
Title of Book	CÁNCER Y PREVENCIÓN, 2º EDICIÓN CANCERONLINE				
Title of Book Chapter	Ensayos clínicos				
Editor(s) Name(s)	Diego Reyes, Eugenio Rivas, Flavio Salazar				
Publisher	Portal CancerOnline				
ISBN Code	978-956-345-221-1				
Publication Place & Date	Santiago, March 2014	Publication year	2014	Begin-End page	88-94

Author(s)	Raquel Aguilera, Paulina Araya, Fermín González , Mercedes López, Leonel Muñoz, Cristián Pereda, Cecilia Plaza, Diego Reyes, Flavio Salazar, Tomás Stamm, Andrés Tittarelli				
Title of Book	CANCERONLINE, UNA GUÍA CIENTÍFICA Y SOCIAL				
Title of Book Chapter	Investigación biomédica contra el cáncer en Chile				
Editor(s) Name(s)	Diego Reyes, Eugenio Rivas, Flavio Salazar				
Publisher	Portal canceronline.cl				
ISBN Code	978-956-345-221-1				
Publication Place & Date	Santiago, January 2011	Publication year	2011	Begin-End page	92-96

d. Publications in proceedings of international scientific meetings (selected).

Author(s)	Fermín E. González , Cristián Pereda, Juan Astorga-Wells, Roman Zubarev, Flavio Salazar-Onfray.			
Abstract Title	Identification of Immunogenic Danger Signals From Heat-Conditioned Tumor Cell Lysates for DC-based Immunotherapy: Preliminary Data.			
Congress Title	14th Annual Meeting of the Federation of Clinical Immunology Societies (FOCIS 2014)			
Place, Date & Pages	Country: USA	City: Chicago	Date: June 25-28, 2014	Page(s):

Author(s)	González FE , Ortiz C, Reyes M, Dutzan N, Patel V, Pereda C, Lopez MN, Gutkind JS, Salazar-Onfray F			
Abstract Title	A melanoma cell lysate induces CCR7 expression on human dendritic cells and its <i>in vivo</i> migration to draining lymph nodes			
Congress Title	15th International Congress of Immunology ICI 2013			
Place, Date & Pages	Country: Italy	City: Milano	Date: August 22-27, 2013	Page(s): 922

Author(s)	González FE , Ortiz C, Reyes M, Dutzan N, Patel V, Pereda C, Lopez MN, Gutkind JS, Salazar-Onfray F			
Abstract Title	Melanoma cell lysate induces CCR7 expression in clinically effective human dendritic cells and their <i>in vivo</i> migration to draining lymph nodes			
Congress Title	3rd Cancer Immunotherapy and Immunomonitoring (CITIM 2013)			
Place, Date & Pages	Country: Poland	City: Krakow	Date: April 22-25, 2013	Page(s): 25

Author(s)	González FE , Ramírez M, Allerbring EB, Duru A, Poschke I, Kiessling R, Achour A, Salazar-Onfray F			
Abstract Title	Low affinity HLA-A2 restricted Melanocortin 1 Receptor-derived peptides are recognized by melanoma-specific CTLs and TILs from melanoma patients			
Congress Title	European Congress of Immunology ECI 2012			
Place, Date & Pages	Country: United Kingdom	City: Glasgow	Date: September 5-8, 2012	Page(s): 715

Author(s)	González FE , Saffie C, Ortiz C, Tittarelli A, Salazar-Onfray F			
Abstract Title	Differentiation of activated monocytes into DCs by a melanoma cell lysate: Induction of a committed mature phenotype and enhanced migratory capability			
Congress Title	Keystone Symposia Dendritic Cells and the Initiation of Adaptive Immunity			
Place, Date & Pages	Country: USA	City: Santa Fe	Date: February 12-17, 2011	Page(s): 48

Author(s)	González FE , Ortiz C, Saffie C, Tittarelli A, Pereda C, Salazar-Onfray F			
Abstract Title	Efecto del lisado tumoral TRIMEL en la migración de células dendríticas			
Congress Title	IV Latin-American Session IADR and XXIV Annual Meeting IADR Chilean Division			
Place, Date & Pages	Country: Chile	City: Santiago	Date: October 3-5, 2011	Page(s): 90

Author(s)	González FE , Aguilera R, Saffie C, Tittarelli A, Salazar-Onfray F			
Abstract Title	A melanoma cell lysate induces differentiation of activated monocytes into DCs with a committed mature phenotype and augment its <i>in vitro</i> migratory capability			
Congress Title	CHILEAN SOCIETY FOR CELL BIOLOGY XXIV ANNUAL MEETING			
Place, Date & Pages	Country: Chile	City: Pucón	Date: November 1-5, 2010	Page(s): 41

Author(s)	González FE , Saffie C, Tittarelli A, Pereda C, Hevia D, García T, Salazar-Onfray F			
Abstract Title	The Role of Damage Associated Molecular Patterns from a Melanoma lysate in the Activation of ex vivo Produced Tumor Antigen Presenting Cells			
Congress Title	Keystone Symposia Mobilizing Cellular Immunity for Cancer Therapy			
Place, Date & Pages	Country: USA	City: Salt Lake City	Date: January 11-16, 2009	Page(s): 54

e. Thesis Direction. List Undergraduate, Doctoral and Master's theses directed and completed.

Students Names	Nina Fasching				
Thesis Title	<i>In vitro</i> generation of specific cytotoxic T-lymphocytes against HLA-A2 restricted melanoma peptides				
Institution	UNIVERSITY OF APPLIED SCIENCES, KREMS, AUSTRIA				
Degree	Bachelor	Year Awarded	2013	N° pages	51

Students Names	María Carolina Ortiz				
Thesis Title	CCR7 expression and migratory capacity of tumor antigen presenting cells (TAPCells).				
Institution	UNIVERSITY OF CHILE				
Degree	Bachelor	Year Awarded	2012	N° pages	63

Students Names	Daniela Salazar				
Thesis Title	Root canal transportation of three rotary instrumentation systems: A cone-beam computed tomography study.				
Institution	UNIVERSITY OF CHILE				
Degree	Bachelor	Year Awarded	2012	N° pages	50

Students Names	María José Ilabaca Grez				
Thesis Title	Radiographic evaluation of the filling quality in endodontic treatments performed by undergraduate students at the University of Chile Dental School.				
Institution	UNIVERSITY OF CHILE				
Degree	Bachelor	Year Awarded	2011	N° pages	30

Students Names	Pablo Andrés León Hernández				
Thesis Title	Frequency of apical periodontitis and clinical success of endodontic treatment performed in undergraduate (2009 period) at the University of Chile.				
Institution	UNIVERSITY OF CHILE				
Degree	Bachelor	Year Awarded	2011	N° pages	35

f. Participation in academic and scientific associations.

Name(s) of societies	Country	Date of affiliation
Sociedad chilena de Inmunología (SOCHIN)	Chile	April, 2002
International Association of dental Research (IADR)	USA	September, 2006
Federation of Clinical Immunology Societies (FOCIS)	USA	March, 2013
Sociedad de Biología de Chile	Chile	April, 2014
Sociedad de Periodoncia de Chile	Chile	March, 2015

g. Awards and Prizes. Please provide full references.

Name of award/prize	Country, Institution, Year	Reason for the award/prize, Link
Grant for FOCIS advanced immunology course	Sweden, Karolinska Institute, 2012	Selected by the Translational Immunology Unit, Karolinska Institute, among clinical researchers and postdocs to attend to the FOCIS course in advanced immunology
First prize as advanced researcher, IADR Chilean Division Meeting	Chile, International Association for Dental Research (IADR) Chilean Division, 2011	Best work in the category: advanced researcher. Annual Meeting of the International Association for Dental Research, Chilean Division and Latin American Region
Doctoral thesis support fellowship	Chile, CONICYT, 2009	Awarded by CONICYT as a PhD candidate
Outstanding dentist of the year	Chile, University of Chile Clinical Hospital, 2004	For the development of periodontal research at the dental service
Outstanding dentist of the year	Chile, University of Chile Clinical Hospital, 2003	For the commitment with dental health operatives in different cities