

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel in the order listed for Form Page 2.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME		POSITION TITLE	
Allan R. Brasier		Professor, Department of Internal Medicine	
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
University of California, San Diego, CA	B.A.	1979	BioMed. Engineering
University of California, San Francisco, CA	M.D.	1983	Medicine
Brigham and Women's Hospital, Boston, MA		1983-86	Medical Residency
Massachusetts General Hospital, Boston, MA		1986-87	Endocrine Fellowship

NOTE: The Biographical Sketch may not exceed four pages. Items A and B (together) may not exceed two of the four-page limit. Follow the formats and instructions on the attached sample.

A. Positions and Honors.**Positions and Employment:**

1987-89 Clinical and Research Fellow, Dept. Molecular Endocrinology, Massachusetts General Hospital, Boston, MA

1989-90 Instructor in Medicine, Harvard Medical School, Boston, MA

1990-91 Assistant Professor of Medicine, Harvard Medical School, Boston, MA

1991- Associate Professor of Medicine and Scientist, Sealy Center for Molecular Science, University of Texas Medical Branch (UTMB), Galveston, TX

1996 Senior Scientist, Sealy Center for Molecular Science, UTMB

1996 Center Investigator, NIEHS Center for Toxicology, UTMB

1997 Professor, Internal Medicine, UTMB

1998-2003 Associate Vice President for Research, UTMB

Other Experience and Professional Memberships:

1986 Diplomate of the American Board of Internal Medicine

1990 Diplomate of the American Board of Internal Medicine in Endocrinology/Metabolism

1997-9 Member, National Heart Association Molecular Signalling Study Section

1998-2004 Member, Experimental Virology (EVR) Study Section

2002-4 Chairman, Experimental Virology (EVR) Study Section

Honors:

1982 Alpha Omega Alpha Honor Society

1995 Established Investigator, American Heart Association

2001 Elected member, American Society Clinical Investigation (ASCI)

2004 Appointed UT Chancellor's Health Fellow

Selected peer-reviewed publications (total of 74):

1. Brasier AR, Jamaluddin M, Casola A, Duan W, Shen Q, and Garofalo R. A promoter recruitment mechanism for TNF α -induced IL-8 transcription in type II pulmonary epithelial cells: Dependence on nuclear abundance of Rel A, NF- κ B1 and c-Rel Transcription factors. *J.Biol. Chem.*1998; **273**:3551-3561.
2. Jamaluddin M, Casola A, Garofalo R, Han Y, Elliott T, Ogra PL, and Brasier AR. RSV-induced I κ B α proteolysis occurs independently of the TNF α -activated proteasome pathway in infected pulmonary epithelial cells. *J.Virol.*1998; **72**: 4849-4857.
3. Han Y, Weinman SA, Boldogh S, and Brasier AR TNF α -Inducible I κ B α Proteolysis and NF- κ B activation mediated by cytosolic m-Calpain. *J.Biol. Chem.*, 1999; **274**: 787-794.

4. Han Y and Brasier AR Angiotensin II induces IL-6 transcription in vascular smooth muscle cells through pleiotropic activation of NF- κ B transcription factors. *Circ. Res.*1999; **84**: 695-703.
5. S. Vlahopoulos, I. Boldogh, A. Casola, and Brasier A.R. NF- κ B Dependent Induction Of Interleukin-8 Gene Expression By Tumor Necrosis Factor α : evidence for an antioxidant sensitive activating pathway distinct from nuclear translocation”, *Blood* 1999; **94**:1878-1889.
6. Jamaluddin M, Meng T, Sun J, Boldogh S, Han Y, and Brasier AR. Angiotensin II induces constitutive Nuclear factor- κ B1 (NF- κ B1) isoforms to bind the angiotensinogen gene acute phase response element: A stimulus-specific pathway for NF- κ B activation in hepatocytes. *Mol. Endocrinol.* 2000; **14**:99-113.
7. Casola, A., Garofalo, R.P., Jamaluddin, M., Vlahopoulos, S., and Brasier, A.R. Requirement of a novel upstream response element in RSV induced IL-8 gene expression. *J Immunol* 2000; **164**:5944-5951.
8. Jamaluddin, M., Wang, S., Garofalo, R.P., Elliott, T., Casola, A., Baron, S., Brasier, A.R. IFN- β mediates coordinate expression of antigen processing genes in RSV-infected pulmonary epithelial cells. *American Journal Physiology, Lung Cell Molecular Physiology.* 2001; **280**: L248-1257.
9. A. R. Brasier, Lu, M., Hai, T., Lu, Y., and Boldogh, I. Inducible Expression Of Cytoplasmic BCL-3 In An Autoregulatory Loop Terminating NF- κ B Action. *Journal of Biological Chemistry*, **276**: 32080-32093, 2001.
10. Zhang, Y., Luxon, B. A., Casola, A., Garofalo, R.P., Jamaluddin, M., and Brasier A.R. Expression Of RSV-Induced Chemokine Gene Networks In Lower Airway Epithelial Cells Revealed By cDNA Microarrays. *Journal of Virology*, **75**: 9044-9058, 2001.
11. Tian, B., Zhang, Y., Luxon, B.A., Garofalo, R.P., Casola, A., Sinha, M., and Brasier, A.R. Identification Of NF- κ B Dependent Gene Networks In Respiratory Syncytial Virus-Infected Cells. *Journal of Virology*, 2002; **76**:6800-6814.
12. Casola, A., Henderson, A., Liu, T., Garofalo, R.P. and Brasier A.R. Regulation of RANTES promoter activation in alveolar epithelial cells after cytokine stimulation. *American Journal of Physiology, Lung Cell and Molecular Physiology*, 2002, **283**: L1280-90.
13. Haerberle, H., Takizawa, R., Casola, A., Brasier, A.R., Hans-Juergen D., van Rooijen, R., Gatalica, Z., Garofalo, R.P. Respiratory syncytial virus-induced activation of NF- κ B in the lung involves alveolar macrophages and Toll-like receptor 4-dependent pathways. *J Infect Dis* 2002; **186**:1199-1206.
14. Zhang, Y., Jamaluddin, M., Tian, B., Wang, S., Casola A. Garofalo, R., and Brasier, AR. Ribavirin Treatment Upregulates Anti-Viral Gene Expression Via The IFN-Stimulated Response Element In RSV-Infected Epithelial Cells. *Journal of Virology*, 2003; **78**: 5933-5947.
15. Haerberle, H., Casola, A., Gatalica, Z., Petronella S., Dieterich, H.-J., Ernst, P.B., Brasier, A.R., Garofalo, R.P. κ B kinase is a critical regulator of chemokine expression and lung inflammation in respiratory syncytial virus infection. *Journal of Virology*, 2004, **78**:2232-2241.
16. Yamaoka, Y., Kudo, T., Lu, H., Casola, A., Brasier, A.R., Graham, D.Y. Role of Interferon Stimulated Response-Like Element in IL-8 promoter in Helicobacter pylori infection. *Gastroenterology*, **126**:1030-1043, 2004.
17. Recinos, A., Carr, B.K., Bartos, D.B., Boldogh, I., Carmical, J.R., Belalcazar, L.M. and Brasier, A.R. \dagger Liver Gene Expression Associated with Diet and Lesion Development in Atherosclerosis-prone Mice: Induction of Components of Alternative Complement Pathway. *Physiol. Genomics* 2004; **19**: 131-142.
18. Ray, S., Lu, Y., Kaufmann, S., Gustafson, C.W., Karp, J.E. Boldogh, I., Fields, A.P., and Brasier A.R. \dagger . Genomic mechanisms of p210BCR-ABL signaling: transcriptional induction of Heat shock protein 70 through the GATA response element. *Journal of Biological Chemistry*, 2004, **279**:35604-35615.
19. Brasier, AR \dagger , Spratt, H. Wu, Z., Boldogh, S., Zhang, Y., Garofalo, R.P., Casola, A., Pashmi, J., Haag, A., Luxon, B., and Kurosky, A. Nuclear Heat Shock Response and Novel Nuclear Domain 10 Reorganization in Respiratory Syncytial Virus-Infected A549 Cells Identified By High Resolution 2D Gel Electrophoresis. *Journal of Virology*, 2004, **78**: 11461-11476.
20. Choudhary, S., Boldogh, I., Garofalo, R.P., Jamaluddin, M., and Brasier, A.R. \dagger RSV influences NF- κ B dependent gene expression through a novel pathway involving MAP3K14/NIK expression and nuclear complex formation with NF- κ B2. *Journal of Virology*, 2005, in press.
21. Tian, B., Nowak, D., Jamaluddin, M., Wang, S. and Brasier, A.R. \dagger Identification Of Direct Genomic Targets Downstream Of The NF- κ B Transcription Factor Mediating TNF Signaling. *Journal of Biological Chemistry*, 2005, in press.