

Service to Professional Organizations:

- 1) Served as a reviewer for Life Sciences (1995)
- 2) In the Review panels of several other peer reviewed journals in the area of Drug Metabolism, Medicinal Chemistry . Pharmaceuticals and Toxicology (1988-Current).
- 3) Participated in the AAPS (American Association of Pharmaceutical Scientists) sponsored Industrial Scholar Exchange Program (2000 – 2002). Lectured at Universities/Pharmacy Schools
- 4) Instrumental in starting a Bay Area ADME Society (www.BAADME.org) 2002-2010 (Steering Committee Member).
- 5) Co-organizer of the Ernst-Schering Symposium (An International Symposium supported by the Schering Foundation- A not for profit entity) on “Pharmacokinetic Challenges in Drug Discovery” – 2001
- 6) Member, IUPAC Advisory Board (2004- 2010).

Representative Invited Lectures:

- Invited Talk at Schering AG -High Throughput Pharmacokinetic Methodologies. Berlin, February **1998**.
- Invited Talk at Schering AG – Sponsored by the Institute of Physical Chemistry. “Physiochemical Characteristics and their Importance in Drug Discovery”. Berlin, February **1999**.
- Ernst-Schering Symposium on Drug Discovery, Berlin, April **2001**. Springer-Verlag (*ISBN 3-540-4285-3*) Published 2002.
- St Louis College of Pharmacy-Lecture on Modern Drug Discovery/Development, An Industrial Perspective. September **2001**. *AAPS* Sponsored Event.
- Role of Medicinal Chemistry and Chemists in Drug Discovery. Sponsored by the Harvey W. Peters Center for Neurodegenerative Diseases, Dept. of Chemistry, Virginia Tech, Blacksburg, VA - September **2003**.
- Modern Drug Discovery Process., IUPAC Organized Symposium on Natural Product Chemistry , New Delhi, India, **2004**.
- Optimizing the Drug Discovery – Processes and Practices. Guest Lecture at Zydus Cadilla Research Laboratories, Ahmedabad, Gujrat, India **2006**.

- Application of LC-MS Based Methodologies for the Characterization and Quantitation of Complex Biologics –Antibody Drug Conjugates (ADC), Bioanalytical Conference in Singapore , August 2009

Issued Patents:

1. US 6,831,186 (2004)
2. US 7,223,798 (2007)
3. US 7,928,225 (2011)

Partial list of Presentations/Publications:

Abstract 2654: HPK1 inhibits CD8+ T cell effector gene expression following T cell activation


Article Mar 2024 · DOI: 10.1158/1538-7445.AM2024-2654 · ISBN: 1538-7445

Rachel Y. Ames ,.....Babu Subramanyam, et.al

PATENT

ASSAYS FOR DETECTING PEGYLATED BLOOD COAGULATION FACTORS

Gu, Jian-Ming ; Harirchian, Paymann ; Subramanyam, Babu ; Blasko, Eric


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Blasko, Eric ; Brooks, Alan R. ; Ho, Elena ; Wu, James M. ; Zhao, Xiao-Yan ; Subramanyam, Babu
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Novel Antibody Therapeutics Targeting Mesothelin In Solid Tumors

Zhao, Xiao-Yan ; Subramanyam, Babu ; Sarapa, Nenad ; Golfier, Sven ; Dinter, Harald
Clinical Cancer Drugs, 2016, Vol.3(2), p.76-86

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Application of LC-MS Based Methodologies for the Characterization and Quantitation of Complex Biologics- Antibody Drug Conjugates

Subramanyam, Babu ; Shen, J. ; Tseng, J-L ; Elango, C. ; Gu, J-M

Journal of Analytical & Bioanalytical Techniques, 2010, Vol.01(01)

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Islam, Imadul ; Yuan, Shendong ; Wei, Robert G. ; Xu, Wei ; Morrissey, Michael ; Mohan, Raju ; Zheng, Dewan ; Dimella, Andrea ; Dunning, Laura ; Snider, Michael ; Subramanyam, Babu ; Tseng, Jih-Lie ; Bryant, Judi A. ; Buckman, Brad O.

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Mei, Baisong ; Pan, Clark ; Jiang, Haiyan ; Tjandra, Hendri ; Strauss, Jonathan ; Chen, Yaoqi ; Liu, Tongyao ; Zhang, Xin ; Severs, Joanne ; Newgren, Jim ; Chen, Jianmin ; Gu, Jian-Ming ; Subramanyam, Babu ; Fournel, Michael A ; Pierce, Glenn F ; Murphy, John E

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Lu, Shou-Fu ; Chen, Binglong ; Davey, Dave ; Dunning, Laura ; Jaroch, Stefan ; May, Karen ; Onuffer, James ; Phillips, Gary ; [Subramanyam, Babu](#) ; Tseng, Jih-Lie ; Wei, Robert G. ; Wei, Ming ; Ye, Bin
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Anti-tumor efficacy of the nucleoside analog 1-(2-deoxy-2-fluoro-4-thio- β -D-arabinofuranosyl) cytosine (4'-thio-FAC) in human pancreatic and ovarian tumor xenograft models


Zajchowski, Deborah A. ; Biroc, Sandra L. ; Liu, Hsaio-Lai ; Chesney, Steven K. ; Hoffmann, Jens ; Bauman, John ; Kirkland, Thomas ; [Subramanyam, Babu](#) ; Shen, Jun ; Ho, Elena ; Tseng, Jih-Lie ; Dinter, Harald
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Measurements of drug-protein binding by using immobilized human serum albumin liquid chromatography-mass spectrometry

Cheng, Ying ; Ho, Elena ; [Subramanyam, Babu](#) ; Tseng, Jih-Lie
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Substituted thiophene-anthranilamides as potent inhibitors of human factor Xa

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Novel 3-oxa lipoxin A4 analogues with enhanced chemical and metabolic stability have anti-inflammatory activity in vivo

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Identification and Characterization of a Potent, Selective, and Orally Active Antagonist of the CC Chemokine Receptor-1

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Involvement of monoamine oxidase and diamine oxidase in the metabolism of the cell differentiating agent hexamethylene bisacetamide (HMBA)

Conley, Barbara A. ; Callery, Patrick S. ; Egorin, Merrill J. ; [Subramanyam, Babu](#) ; Geelhaar, Linda A. ; Pan, Su-Shu
Life Sciences, 1988, Vol.43(9), pp.793-800

“ DIFFERENTIATING AGENT HEXAMETHYLENE BISACETAMIDE (HMBA) Barbara A. Conley, Patrick S. Callery, Merrill J. Egorin, [Babu Subramanyam](#) Linda A. Geelhaar, and ”

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Design, Synthesis, and Activity of 2-Imidazol-1-ylpyrimidine Derived Inducible Nitric Oxide Synthase Dimerization Inhibitors

Davey, David D. ; Adler, Marc ; Arnaiz, Damian ; Eagen, Keith ; Erickson, Shawn ; Guilford, William ; Kenrick, Margaret ; Morrissey, Michael M. ; Ohlmeyer, Mike ; Pan, Gonghua ; Paradkar, Vidyadhar M. ; Parkinson, John ; Polokoff, Mark ; Saionz, Kurt ; Santos, Cecile ; [Subramanyam, Babu](#) ; Vergona, Ron ; Wei, Robert G. ; Whitlow, Marc ; Ye, Bin ; Zhao, Zuchun (Spring) ; Devlin, James J. ; Phillips, Gary
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Thiophene-anthranilamides as highly potent and orally available factor Xa inhibitors

Ye, Bin ; Arnaiz, Damian O ; Chou, Yuo-Ling ; Griedel, Brian D ; Karanjawala, Rushad ; Lee, Wheeseong ; Morrissey, Michael M ; Sacchi, Karna L ; Sakata, Steven T ; Shaw, Kenneth J ; Wu, Shung C ; Zhao, Zuchun ; Adler, Marc ; Cheeseman, Sarah ; Dole, William P ; Ewing, Janice ; Fitch, Richard ; Lentz, Dao ; Liang, Amy ; Light, David ; Morser, John ; Post, Joseph ; Rumennik, Galina ; [Subramanyam, Babu](#) ; Sullivan, Mark E ; Vergona, Ron ; Walters, Janette ; Wang, Yi-Xin ; White, Kathy A ; Whitlow, Marc ; Kochanny, Monica J
Journal of medicinal chemistry, 28 June 2007, Vol.50(13), pp.2967-80

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Lipoxins and novel 15-epi-lipoxin analogs display potent anti-inflammatory actions after oral administration

Bannenberg, Gerard ; Moussignac, Rose-Laure ; Gronert, Karsten ; Devchand, Pallavi R ; Schmidt, Birgitta A ; Guilford, William J ; Bauman, John G ; [Subramanyam, Babu](#) ; Daniel Perez, H ; Parkinson, John F ; Serhan, Charles N
British Journal of Pharmacology, September 2004, Vol.143(1), pp.43-52

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Design, synthesis, and biological activity of novel factor Xa inhibitors: 4-aryloxy substituents of 2,6-diphenoxypyridines

Ng, Howard P ; Buckman, Brad O ; Eagen, Keith A ; Guilford, William J ; Kochanny, Monica J ; Mohan, Raju ; Shaw, Kenneth J ; Wu, Shung C ; Lentz, Dao ; Liang, Amy ; Trinh, Lan ; Ho, Elena ; Smith, David ; [Subramanyam, Babu](#) ; Vergona, Ron ; Walters, Janette ; White, Kathy A ; Sullivan, Mark E ; Morrissey, Michael M ; Phillips, Gary B
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Ng, Howard P. ; Buckman, Brad O. ; Eagen, Keith A. ; Guilford, William J. ; Kochanny, Monica J. ; Mohan, Raju ; Shaw, Kenneth J. ; Wu, Shung C. ; Lentz, Dao ; Liang, Amy ; Trinh, Lan ; Ho, Elena ; Smith, David ; [Subramanyam, Babu](#) ; Vergona, Ron ; Walters, Janette ; White, Kathy A. ; Sullivan, Mark E. ; Morrissey, Michael M. ; Phillips, Gary B.
Bioorganic & Medicinal Chemistry, 2002, Vol.10(3), pp.657-666

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Discovery of N -[2-[5-[Amino(imino)methyl]-2-hydroxyphenoxy]-3,5-difluoro- 6-[3-(4,5-dihydro-1-methyl-1 H -imidazol-2-yl)phenoxy]pyridin-4-yl]- N -methylglycine (ZK-807834): A Potent, Selective, and Orally Active Inhibitor of the Blood Coagulation Enzyme Factor Xa 1

Phillips, Gary B. ; Buckman, Brad O. ; Davey, David D. ; Eagen, Keith A. ; Guilford, William J. ; Hinchman, Josephine ; Ho, Elena ; Koovakkat, Sunil ; Liang, Amy ; Light, David R. ; Mohan, Raju ; Ng, Howard P. ; Post, Joseph M. ; Shaw, Kenneth J. ; Smith, Dave ; [Subramanyam, Babu](#) ; Sullivan, Mark E. ; Trinh, Lan ; Vergona, Ron ; Walters, Janette ; White, Kathy ; Whitlow, Marc ; Wu, Shung ; Xu, Wei ; Morrissey, Michael M.

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Novel P2Y 12 adenosine diphosphate receptor antagonists for inhibition of platelet aggregation (II): Pharmacodynamic and pharmacokinetic characterization

Post, Joseph M. ; Alexander, Serene ; Wang, Yi-Xin ; Vincelette, Jon ; Vergona, Ron ; Kent, Lorraine ; Bryant, Judi ; Sullivan, Mark E. ; Dole, William P. ; Morser, John ; [Subramanyam, Babu](#)
Thrombosis Research, 2008, Vol.122(4), pp.533-540

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Bryant, Judi ; Post, Joseph M. ; Alexander, Serene ; Wang, Yi-Xin ; Kent, Lorraine ; Schirm, Sabine ; Tseng, Jih-Lie ; [Subramanyam, Babu](#) ; Buckman, Brad ; Islam, Imadul ; Yuan, Shendong ; Sullivan, Mark E. ; Snider, Mike ; Morser, John
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A cyclic imine intermediate in the in vitro metabolic conversion of 1,6-diaminohexane to 6-aminohexanoic acid and caprolactam

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Isotopically sensitive regioselectivity in the oxidative deamination of a homologous series of diamines catalyzed by diamine oxidase

Callery, Patrick S. ; Subramanyam, Babu ; Yuan, Zhi-Min ; Pou, Sovitj ; Geelhaar, Linda A. ; Reynolds, Kevin A.

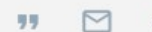
Chemico-Biological Interactions, 1992, Vol.85(1), pp.15-26

“ DEAMINATION OF A HOMOLOGOUS SERIES OF DIAMINES CATALYZED BY DIAMINE OXIDASE PATRICK S. CALLERY, BABU SUBRAMANYAM, ZHI-MIN YUAN, SOVITJ POU, LINDA A. GEELHAAR ”

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The effect of the monoamine oxidase inhibitor isocarboxazid on the canine metabolism of the cell-differentiating agent hexamethylene bisacetamide

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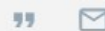
Development of a Strategy for Unambiguous Identification of Reactive Intermediate/Metabolite

Snow, Xue ; Shen, Ge ; Subramanyam, Babu ; Tseng, Jih-Lie

54th ASMS Conference Proceedings

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A novel P2Y(12) adenosine diphosphate receptor antagonist that inhibits platelet aggregation and thrombus formation in rat and dog models

Wang, Yi-Xin ; Vincelette, Jon ; Da Cunha, Valdeci ; Martin-McNulty, Baby ; Mallari, Cornell ; Fitch, Richard M ; Alexander, Serene ; Islam, Imadul ; Buckman, Brad O ; Yuan, Shendong ; Post, Joseph M ; [Subramanyam, Babu](#) ; Vergona, Ronald ; Sullivan, Mark E ; Dole, William P ; Morser, John ; Bryant, Judi
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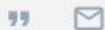


A novel inhibitor of activated thrombin-activatable fibrinolysis inhibitor (TAFIa) - part I: pharmacological characterization

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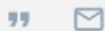


Lipoxin A4 analogs and their use in treating inflammatory and autoimmune disorders and pulmonary and respiratory tract inflammation

Bauman, John G ; Guilford, William J ; Parkinson, John F ; Skuballa, Werner ; [Subramanyam, Babu](#)

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MALDI Imaging of Small Molecular Entity in Brain Tissue using Quadruple Time-of-Flight Mass Spectrometry


Shen, Jun ; Ge, Xue ; Piechowiak, Marek ; Mahmoudi, Mithra ; [Subramanyam, Babu](#) ; Tseng, Jih-Lie
54th ASMS Conference Proceedings

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Prodrugs of 1-(1-hydroxy-5-isoquinolinesulfonyl) homopiperazine
Islam, Imadul ; Johns, Anthony ; Mylecraine, Louis ; Pagila, Rene ; Phillips, Gary ; Subramanyam, Babu ; Zentel, Hans
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Journal of Biomolecular Screening, 2005, Vol.10(2), pp.157-167
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Wang, D., Yi-Xin ; Martin-McNulty, P., Baby ; Da Cunha, R., Valdeci ; Vincelette, R., Jon ; Lu, R., Xiangru ; Feng, R., Qingping ; Halks-Miller, R., Meredith ; Mahmoudi, R., Mithra ; Schroeder, R., Miriam ; Subramanyam, R., Babu ; Tseng, R., Jih-Lie ; Deng, R., Gary ; Schirm, R., Sabine ; Johns, R., Anthony ; Kauser, R., Katalin ; Dole, R., William ; Light, R., David
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Journal of the American Society for Mass Spectrometry, 2001, Vol.12(5), pp.17-30
“ *Shen; Babu Subramanyam; Berlex Biosciences, Richmond, CA MPJ 258 Quantitative... ; Marilyn Lam; Babu Subramanyam; Berlex Biosciences, Richmond, California MPJ* ”
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“ Development of a Strategy for Unambiguous Identification of Reactive Intermediate/Metabolite; Xue Snow Ge 1 ; Jun Shen 1 ; [Babu Subramanyam](#) 1 ; Jih-Lie ”
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Wednesday posters
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“ Mahmoudi 1 ; [Babu Subramanyam](#) 1 ; Jih-Lie Tseng 1 ; 1 Berlex Biosciences, Richmond... ”
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Hawthorn extract reduces infarct volume and improves neurological score by reducing oxidative stress in rat brain following middle cerebral artery occlusion
Elango, Chinnasamy ; Jayachandaran, Kasevan Sawaminathan ; Niranjali Devaraj, S.
International Journal of Developmental Neuroscience, 2009, Vol.27(8), pp.799-803
“ . Acknowledgements We would like to acknowledge Dr. [Babu Subramanyam](#) and Eric Blasko... ”

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An Inhibitor of Activated Thrombin-Activatable Fibrinolysis Inhibitor Potentiates Tissue-Type Plasminogen Activator-Induced Thrombolysis in a Rabbit Jugular Vein Thrombolysis Model ☆ ☆ This manuscript was presented at the XVII th Congress of the International Society on Thrombosis and Haemostasis held in August 1999 in Washington, DC.
Nagashima, Mariko ; Werner, Matthias ; Wang, Manping ; Zhao, Lei ; Light, David R ; Pagila, Rene ; Morser, John ; Verhallen, Peter
Thrombosis Research, 2000, Vol.98(4), pp.333-342
“ . Acknowledgements We would like to acknowledge the expert technical support of Ron Vergona, Kathy White, and [Babu](#) ”
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Human primary renal cells as a model for toxicity assessment of chemo-therapeutic drugs

Li, Weiwei ; Lam, Marilyn ; Choy, David ; Birkeland, Andrew ; Sullivan, Mark E. ; Post, Joseph M.
Toxicology in Vitro, 2006, Vol.20(5), pp.669-676

“ acknowledge Drs. Jim Wang, Babu Subramanyam, Ron Vergona and Han Ying for critical... ”

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Fevig, John M. ; Wexler, Ruth R.

Annual Reports in Medicinal Chemistry, 1999, Vol.34, pp.81-100

“ . Subramanyam, R. Vergona, J. Walters, KA. White, ME... . Subramanyam, M.E. Sullivan, L. Trinh, R. Vergona, J. Walters... Mar4 M.D. Ferguson, J. Tulinsky, C. Lum, S. ”

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Development of nitric oxide synthase inhibitors for neurodegeneration and neuropathic pain

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