

SELECTED PUBLICATIONS and PATENTS (Charlie Qiang Cong 2026)

<p>SUBSTITUTED TRICYCLIC HETEROCYCLYL SULFONAMIDE DERIVATIVES AND USES THEREOF WO 2026/059895 Mark D. Rosen, Damoder Reddy Motati, Chakrapani Kalyanaraman, Robert Dow, Qiang Cong, Tetsuya Kobayashi</p>
<p>The Impact of Conjugation Mode and Site on Tubulysin Antibody-Drug-Conjugate Efficacy and Stability ChemistryOpen 2025, 14, 8, e202400522 Sayumi Yamazoe, Qinqin Cheng, Srikanth Kotapati, Vangipuram S Rangan, Mei-Chen Sung, Madhura Deshpande, Aarti Jashnani, Cong Qiang, Michael J Smith, Chin Pan, Gavin Dollinger, Arvind Rajpal, Pavel Strop, Chetana Rao</p>
<p>Discovery of Novel TLR7 Agonists as Systemic Agent for Combination With aPD1 for Use in Immuno-oncology ACS Medicinal Chemistry Letters 2024, 15, 2, 181-188 Yam B. Poudel, Liqi He, Matthew Cox, Qian Zhang, Walter L. Johnson, Qiang Cong, Heng Cheng, Naidu S. Chowdari, Christine Tarby, Andrew F. Donnell, Matthais Broekema, Daniel P. O'Malley, Yong Zhang, Murugaiah A. M. Subbaiah, Boda Vijay Kumar, Lakshumanan Subramani, Bei Wang, Yi-Xin Li, Prasanna Sivaprakasam, David Critton, Dawn Mulligan, Bhupindar Sandhu, Chunshan Xie, Radha Ramakrishnan, Jignesh Nagar, Shailesh Dudhgaonkar, Martins S. Oderinde, Anwar Murtaza, Gary L. Schieven, Arvind Mathur, Ashvinikumar V. Gavai, Gregory Vite, and Sanjeev Gangwar)</p>
<p>1H-PYRAZOLO[4,3-d]PYRIMIDINE COMPOUNDS AS TOLL-LIKE RECEPTOR 7 (TLR7) AGONISTS US397716610 Liqi HE, Ashvinikumar V. GAVAI, Sanjeev GANGWAR, Qiang CONG, Yam B. POUDEL, Prasanna SIVAPRAKASAM, Christine M. TARBY, Patrice GILL, Andrew F. DONNELL, Murugaiah ANDAPPAN MURUGAIAH SUBBAIA</p>
<p>1H-PYRAZOLO[4,3-d]PYRIMIDINE COMPOUNDS AS TOLL-LIKE RECEPTOR 7 (TLR7) AGONISTS US396912743 Matthew COX, Liqi HE, Sanjeev GANGWAR, Ashvinikumar V. GAVAI, Matthias BROEKEMA, Qiang CONG, Daniel O'MALLEY, Yam B. POUDEL, Christine M. TARBY</p>
<p>1H-PYRAZOLO[4,3-d]PYRIMIDINE COMPOUNDS AS TOLL-LIKE RECEPTOR 7 (TLR7) AGONISTS US396247596 Qian ZHANG, Sanjeev GANGWAR, Ashvinikumar V. GAVAI, Qiang CONG, Yam B. POUDEL, Liqi HE, Prasanna SIVAPRAKASAM, Christine M. TARBY</p>
<p>C3-SUBSTITUTED 1H-PYRAZOLO[4,3-d]PYRIMIDINE COMPOUNDS AS TOLL-LIKE RECEPTOR 7 (TLR7) AGONISTS US396244053 Christine M. TARBY, Qiang CONG, Ashvinikumar V. GAVAI, Sanjeev GANGWAR, Matthias BROEKEMA, Patrice GILL, Prasanna SIVAPRAKASAM, Walter L. JOHNSON, Murugaiah Andappan, Murugaiah SUBBAIAH, Yam B. POUDEL</p>
<p>High-Throughput Platform to Identify Antibody Conjugation Sites from Antibody-Drug Conjugate Libraries. Bioconjug Chem 31(4): 1199-1208 Yamazoe, S., J. M. Hogan, S. M. West, X. A. Deng, S. Kotapati, X. Shao, P. Holder, V. Lamba, M. Huber, Q. Cong, S. Gangwar, C. Rao, G. Dollinger, A. Rajpal and P. Strop (2020).</p>
<p>Synthesis and Biological Evaluation of a Carbamate-Containing Tubulysin Antibody-Drug Conjugate Bioconjug Chem 31(10): 2350-2361 Cheng, H., Q. Cong, D. Dervin, A. Stevens, K. Vemuri, M. Huber, J. Juliano, S. Cuison, J. Sung, D. Passmore, C. Chong, M. Greenbaum, E. Kwok, J. Jiang, C. Pan, C. Rao-Naik, V. Rangan, T. Kempe, A. Tatum, S. Deshpande, P. Cardarelli, G. Vite and S. Gangwar (2020).</p>
<p>Universal Affinity Capture Liquid Chromatography-Mass Spectrometry Assay for Evaluation of Biotransformation of Site-Specific Antibody Drug Conjugates in Preclinical Studies Anal Chem 92(2): 2065-2073 Kotapati, S., D. Passmore, S. Yamazoe, R. K. K. Sanku, Q. Cong, Y. B. Poudel, N. S. Chowdari, S. Gangwar, C. Rao, V. S. Rangan, P. M. Cardarelli, S. Deshpande, P. Strop, G. Dollinger and A. Rajpal (2020).</p>

Adnectin-drug conjugates for Glypican-3-specific delivery of a cytotoxic payload to tumors.

Protein Eng Des Sel 31(5): 159-171 Lipovsek, D., I. Carvajal, A. J. Allentoff, A. Barros, Jr., J. Brailsford, Q. Cong, P. Cotter, S. Gangwar, C. Hollander, V. Lafont, W. L. Lau, W. Li, M. Moreta, S. O'Neil, J. Pinckney, M. J. Smith, J. Su, C. Terragni, M. A. Wallace, L. Wang, M. Wright, H. N. Marsh and J. W. Bryson (2018).

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Antiproliferative compounds structurally related to tubulysins, conjugates thereof for targeted delivery, methods of preparation, and uses thereof. US20110027274A1, 2011. Cheng, H.; Cong, Q.; Gangwar, S.; Zhang, Q.

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