

Ready to start planning your care? Call us at [800-525-2225](tel:800-525-2225) to make an appointment.

×



Memorial Sloan Kettering  
Cancer Center

[About Us](#)  
[Sloan Kettering Institute](#)  
[The Derek Tan Lab](#)

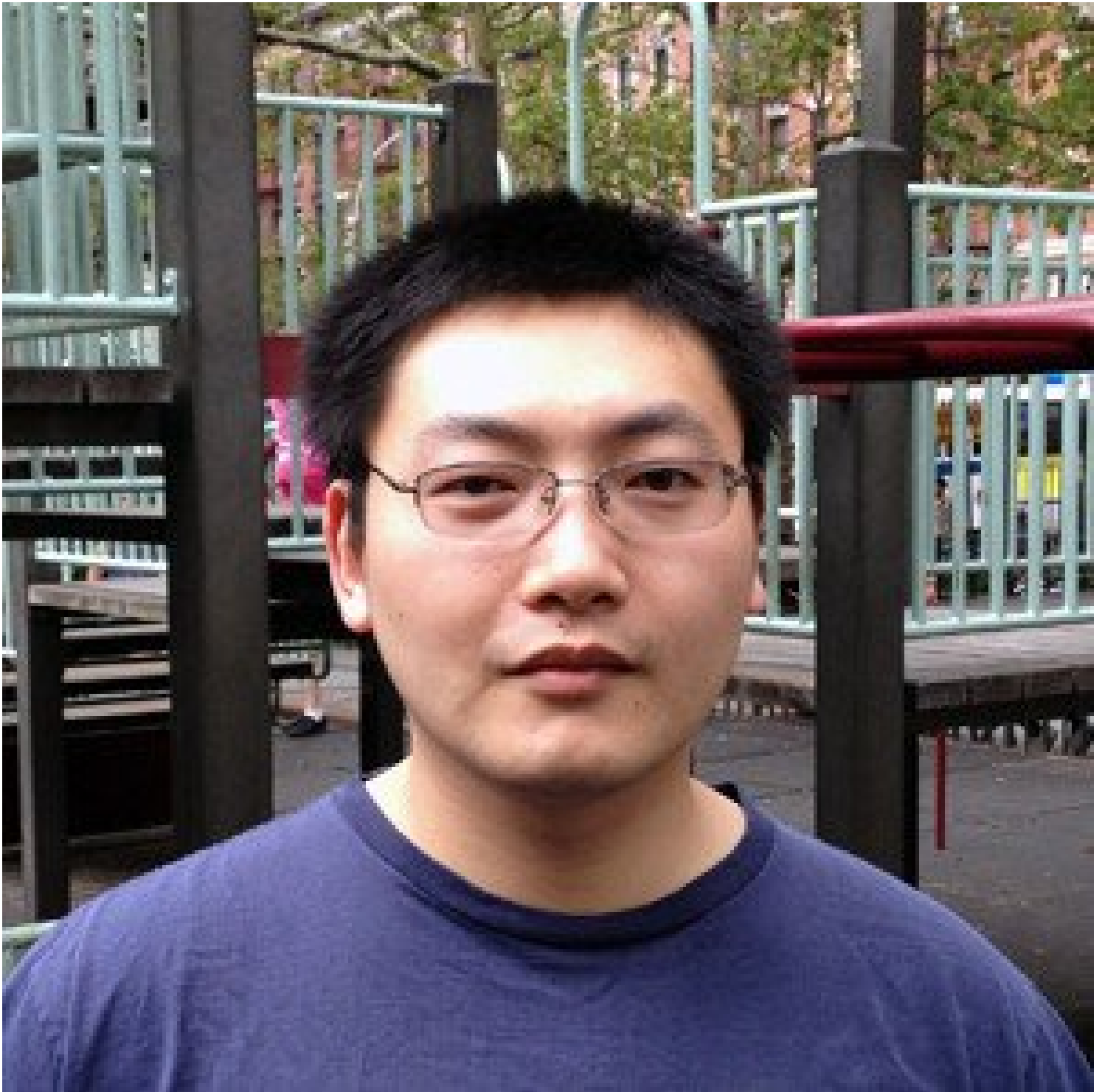
[Research](#)

**Cheng Ji, PhD**

[Education & Training](#)  
Postdoctoral Fellow

[News & Events](#)

[Open Positions](#)



**Email**

[jic@mskcc.org](mailto:jic@mskcc.org)

**URL**

[LinkedIn Webpage](#)

Senior Scientist, 2015-present  
AbbVie  
Chicago, Illinois

PhD, University of Notre Dame, 2012

BS, Nanjing University, 2007

---

## Publications

Designed small-molecule inhibitors of the Anthranilyl-CoA synthetase PqsA block quinolone biosynthesis in *Pseudomonas aeruginosa*.  
Cheng J.†; Sharma, I. †; Pratihari, I.†;Hudson, L.; Maura, D.; Guney, T.; Rahme, L. G.; Pesci, E. C.; Coleman, J. P.; Tan, D. S.\*; *ACS Chem. Biol.* 2016

[ [Abstract](#) | [PubMed](#) ]

Iron transport-mediated drug delivery: Practical syntheses and in vitro antibacterial studies of tris-catecholate siderophore-aminopenicillin conjugates reveals selectively potent antipseudomonal activity.

Ji, C.; Miller, P. A.; Miller, M. J.\* *J. Am. Chem. Soc.* 2012, *134*, 9898–9901.

[ [Abstract](#) | [PubMed](#) ]

Chemical syntheses and in vitro antibacterial activity of two desferrioxamine B-ciprofloxacin conjugates with potential esterase and phosphatase triggered drug release linkers.

Ji, C.; Miller, M. J.\* *Bioorg. Med. Chem.* 2012, *20*, 3828–3836.

[ [Abstract](#) | [PubMed](#) ]

Syntheses and biological studies of novel spiropiperazinyl oxazolidinone antibacterial agents using a spirocyclic diene derived acylnitroso Diels–Alder reaction.

Ji, C.; Lin, W.; Moraski, G. C.; Thanassi, J. A.; Pucci, M. J.; Franzblau, S. G.; Möllmann, U.; Miller, M. J.\* *Bioorg. Med. Chem.* 2012, *20*, 3422–3428.

[ [Abstract](#) | [PubMed](#) ]

Exploiting bacterial iron acquisition: Siderophore conjugates.

Ji, C.; Juárez-Hernández R. E.; Miller, M. J.\* *Future Med. Chem.* 2012, *4*, 297–313.

[ [Abstract](#) | [PubMed](#) ]

Reactivity of the 16 e (*p*-cymene)Ru half-sandwich complex containing a chelating 1,2-dicarba-*closo*-dodecaborane-1,2-dithiolate ligand towards diynes .

Xu, Z. W.; Han, L.; Ji, C.; Zhang, R.; Shen, X. J.; Yan, H.\* *Dalton Trans.* 2011, *40*, 6992–6997.

[ [Abstract](#) | [PubMed](#) ]

Cyclopropanation of nitroso Diels–Alder cycloadducts and application to the synthesis of a 2',3'-methano carbocyclic nucleoside.

Ji, C.; Miller, M. J.\* *Tetrahedron Lett.* 2010, *51*, 3789–3791.

[ [Abstract](#) | [PubMed](#) | [PMC](#) ]

A novel dinuclear ruthenium(I)/ruthenium(III) half-sandwich complex containing two chelating 1,2-dicarba-*closo*-dodecaborane-1,2-dithiolate ligands and its reactivity with alkynes.

Wu, D. H.; Ji, C.; Li, Y. Z.; Yan, H.\* *Organometallics* 2007, *26*, 1560–1562.

[ [Abstract](#) ]

Obacunone.

Zhou, X.; Ji, C.; Fu, J.; Li, Y. G.\* *Acta Crystallogr., Sect. E: Struct. Rep. Online* 2006, *62*, O5544–O5546.

[ [Abstract](#) ]

## ▾ About Us

[Overview](#)

[Leadership](#)

[Administration](#)

[History](#)

[Contact Us](#)



## ▾ Research

[Overview](#)

[Research programs](#)

[Research labs](#)

[Core facilities & resources](#)

## ▾ Education & Training

[Overview](#)

[Postdoctoral training](#)

[Gerstner Sloan Kettering Graduate School](#)

[Joint graduate programs](#)

[Programs for college & high school students](#)

## ▾ News & Events

[Overview](#)

[Seminars & events](#)

## ▾ Open Positions

[Overview](#)

[Faculty positions](#)

[Postdoctoral positions](#)

---

[Communication preferences](#)

[Cookie preferences](#)

[Legal disclaimer](#)

[Accessibility Statement](#)

[Privacy policy](#)

[Public notices](#)

© 2024 Memorial Sloan Kettering Cancer Center