# Introduction to Presentation and Submission

AI Hub -Academy and Research (5)

GEC Academy Jiayi Zhu

# Last Lecture

- Paper outline
- Writing strategies for each part

# Today

- Questions
- Presentation
- Submission Procedure

## Different kinds of Academic Materials

### Transactions

- 学会议事录,如IEEE Transactions on Aerospace and Electronic Systems
- 文章对于相关背景的介绍比较少,相关理论也会少一点

### Journal

- 期刊,如IEEE/OSA Journal of Display Technology
- 文章对相关背景的介绍会多一些,而且理论深度比较深

### Magazine

- 杂志,没有理论推导和高深的技术
- 但是也有很多杂志的文章都是大牛写的,是一种方向性的指导

#### Letter

• 快讯,用于介绍最新的研究成果,这种文章并不多

# Different kinds of Paper

### Article & Paper

- Paper指还没有提交或发表的论文 (working paper)
- Article指已经发表的论文
- Thesis & Dissertation
  - Thesis指本科和硕士学位论文
  - Dissertation指博士学位论文
- Conference Proceeding & Conference Paper
  - Conference Paper指已发表的会议论文
  - Conference Proceeding指没有发表的论文
  - 引用Conference Proceeding不需要标记页码 (pp. xx-xx) 而引用Conference Paper就需要标记

# Title Page



#### Orthogonal self-assembly of an organoplatinum(II) metallacycle and cucurbit[8]uril that delivers curcumin to cancer cells

Sougata Datta\*, Santosh K. Misra\*\*\*\*, Manik Lai Saha\*, Nabajit Lahin\*, Janis Louie\*\*\*, Dipanjan Pan\*\*\*\*\*\*\*\*\*\*\*\*, and Peter J. Stang\*,1

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Contributed by Peter J. Stang, June 15, 3018 (sent for review March 5, 3018) reviewed by Jacqueline K. Barton and Alanna Scheparts

from the Curranse longs plant. It is known to exhibit anticancer
homo guests in its castry, leading to the formation of explaintactor
properties via inhibiting the STAT3 phosphosylation process. However, its poor water solubility and low bioavailability impede its combined microfisidic techniques with cacurbid/Sjuril-mediated incontinued incomme terrorises with currently parties of the continued incomme terrorises with currently surfaced and terrorises continued in the continued and the continued in the continued in the continued and the mediated heteroterrary host-guest complex formation in concert to produce an effective delivery system that transports Cur into the cancer cells. Spedfically, a hexagon 1, containing hydrophilic methyl ethory[Second] groups alternatively at the vertices, has been synthesized and characterized by several spectroscopic techniques.

The MV units of 1 underwent noncovalent complexation with CINII to yield a host-guest complex. Cur can be encapsulated in 4, via a 1:1:1 heterotemany complex formation, resulting in a watersoluble host-guest complex 5. The host-guest complex 5 exhibited cs. 100-fold improved IC<sub>40</sub> values relative to free Cur against human melanoma (CE2), melanoma of rodents (B1GF10), and hormoneresponsive (MCF-7) and triple-negative (MDA-M8221) breast canon cells. Moreover, strong synergisms of Cur with 1 and 4 with combinatotal indexes of <1 across all of the cell lines were observed. An induced apoptosis with fragmented DNA pattern and inhibited expression of phosphor-STAT3 supported the improved therapeu tic patential of Cur in heterotemary complex 5.

supramatecular coordination complex | orthogonal self-assembly | metallacide | cancer | drug delivery

Coordination-driven self-assembly via metal-ligand interac-tions is an efficient strategy for propering discrete supra-molecular coordination complexes (SCOs) with prodesigned shapes and sizes (1-6). The well-defined one structures of SCOs further facilitate the introduction of functional groups on the intener and/or extener vertices of these frameworks, leading to the formation of functional systems useful in selective encapsulation (7), sensing (8), optical and electronic materials (9), drug delivery (10), and so on (11-14). The orthogonality of metal-ligand occ-dination with other noncovalent interactions, such as hydrosen bonding, n-e stacking, van der Waals forces, and host-guest complenations, allows the facile construction of SCC-cored supramolocular polymer networks (SPNs) with self-healing properties and stimuli responsiveness (15). However, the majority of the known SPNs have been prepared in organic medium, due to the intrinsic hydrophobicity of SCCs, limiting their biomedical applications (15) Cucurbife[units (CB[n]) (n = 5-8, 10, and 14) are a family of

barrel-shaped macrocyclic molecular hosts composed of repeating glycolaril units (16). A variety of neutral or positively charged guests can be encapsulated inside their cavities with high equilibrium association constants. The host-guest complexation in water are driven by a combination of ion-dipole, hydrophobic, and bydrogen-bonding interactions between the unidyl CmO groups of CB[n] and the guest molecules, Among the CB[n]

Curcumin (Cur) is a naturally occurring anticancer drug isolated homology, CE(N) has a unique capability to accommodate two heteroj

molecular microcapsules that are useful in sensing and drug delivery.

Despite the recent advances in cancer research, how to improve the water solubility of hydrophobic drugs such as paclicancer cells. Specifically, a hexagon 1, containing hydrophilic methyl tasel, curcumin (Cur), camptothecia, tamoxides, and others is violagen (MV) units and 2A,5-1ni(2-(2-)-methoxyethoxylethoxyl still a formidable challenge (23-27). Various nanocuriers including nanostructures (28-31), conjugates (32-34), hydrogels (35), carbon nanomaterials (36), and so on have been developed to overcome this problem. Likewise, the solubility, stability, and bioavailability of anticancer drugs have been significantly improved in physiological environments via host-guest complexations (37-40) Lippord and coworkers (41) reported a heromacker Pt(II) cage as a drug delivery vehicle to deliver a Pt(II) prodrug to cancer cells Likewise, a Fujita-type Pd(II)-organic polyhedron capped with CB [8] units, via the host-quest complexation with its methyl viologens (MV) functionalities, has been used to deliver a water-voluble anticancer drug, descrubicis, to human cervical cancer (Hella) cells

Despite decades of research, the development of efficient strategies that can effectively deliver poorly water-soluble articance drugs remains a challenge. Hierarchical self-essentily strategy of lowe combining multiple therapeutic agents to produce a systegielic effect, thus enhancing the therapeutic efficacy. Herein us describe a hierarchical approach to solubilize a hydrophobic arti-curous drug, curramin in water via a containation of coordinationdriven self-assembly and host-guest interactions. The water soluble orthogonal self-assembly constructed by a hexagonal PBB restallacycle, cucurbif(B)uril, and cucumin exhibited en sced articencer activity against melanoms and breast concer cells compared with the corresponding precurators. This paper provides a plotform for efficient delivery of hydrophobic anticauser drugs to cancer cells by the judicious implementation of multiple orthogonal interactions in a single process.

Author sandshutimus LD., LKAII, S.H., and F.LL. designed mesonby LD., LKAII, MLJ., and T.L. performed researchy LD. sandshuted new resigned-braights booky LD., LKAI, MLJ., S.P., and F.U.L. analyzed stateg and LD., LKAII, MLJ., ML, LL, LD., and R.U.

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Author contributions: S.D., S.K.M., D.P., and P.J.S. designed research: S.D., S.K.M., M.L.S., and N.L. performed research; S.D. contributed new reagents/analytic tools; S.D., S.K.M., M.L.S., D.P., and P.J.S. analyzed data; and S.D., S.K.M., M.L.S., N.L., J.L., D.P., and P.J.S. wrote the paper.

Reviewers: J.K.B., California Institute of Technology; and A.S., Yale University.

The authors declare no conflict of interest.

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## Word & LaTex

- Purpose and Scope
  - Article types
  - · Editorial review process
- Submission Procedures
  - Initial submission
  - · Revised and Contributed submission
- LaTeX
  - LaTeX files
  - Submitting LaTeX files
- Author FAQ
  - · Submission process
  - Permissions

- Editorial and Journal Policies
  - · Direct Submission
  - · Contributed Submission
- Manuscript Format
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  - Author rights

- Conflict of Interest
  - · PNAS policy
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- For Reviewers
  - · Peer reviewer instructions
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- Publication Fees
  - · Article fees
  - · Payment options
- Call for Papers
  - Physical sciences
  - Social sciences

## Framework of Academic Publications

Robustness Check for the CAPM with AEPD Errors in Sovereign CDS Market

Li, Liuling and Zhu, Jiayi

June 14, 2013

#### Abstract

This paper checks the robustness of the Capital Asset Pricing Model with error terms distributed as Asymmetric Exponential Power Distribution (i.e., CAPM-AEPD of Jin(2011)). Method of Maximum Likelihood Estimation is used to estimate this model. Sovereign CDSs from UK, France, German and Italy are analyzed. Sample period is from Aug. 5, 2011 to Aug. 5, 2012. Empirical results show 1) with AEPD errors, CAPM theory of Sharpe(1964), Lintner(1965) and Mossin(1966) is alive in Sovereign CDS market. 2) CAPM-AEPD has better in-sample fit than CAPM-Normal by Akaike Information Criterion (AIC). 3) Our findings are similar to those documented at stock markets such as France, US, China, UK, Singapore and Hongkong.

**Keywords:** Capital Asset Pricing Model (CAPM), Asymmetric Exponential Power Distribution (AEPD), Credit Default Swap (CDS)



\documentclass{article}

\begin{document}

This is the body of the article

\end{document}

http://www.ctex.org/CTeXDownload

## Robustness Check for the CAPM with AEPD Errors in Sovereign CDS Market

Li, Liuling<sup>1</sup> Zhu, Jiayi<sup>2</sup>

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> <sup>2</sup>Department of Economics, Nankai University

> > 2013.6.13



#### Outline

- Motivation
  - The Basic Problems That We Studied
  - Literature Reviews
- 2 Model and Methodology
- 3 Data
- Results
- Summary
- 6 Future Extensions
- Questions and Answers

#### Researches about CAPM (1)

Author(Year)	Model&Methodology	Country	Sample Period	
	Panel A: Written in English			
Markowitz(1952)	Mean-Variance Model	78	-	
Sharpe (1964)	CAPM	82:	27	
Merton (1973)	ICAPM	(1-)	-	
Black(1976)	wealth CAPM	100	-	
Lucas (1978)	CCAPM	-	-	
Grossman et.al. (1981)	CCAPM	US	1890-1979	
Gultekin et.al. (1985)	APT, CAPM	US 1960-1979		
Fama et. al. (1993)	3-factor model US		1962-1989	
Groenwolda et.al(1999)	CAPM	Austrialia	1979:12-1994:2	
Gonzalez (2001)	CAPM	Venezuela	1992:4-1998:8	
Bartholdv et.al.(2005)	CAPM. FF	US	1970-1996	

01

### Title and Author (1 side)

- Good morning. It is my honor to give you this presentation.
- I am ..., studied in/graduated from ... My supervisor is ....
- Today our topic is ....

02

### Outline (1 slide)

Our discussion can be divided into 3 parts.

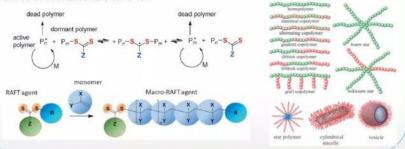
- First, we will discuss why we do this research.
- Second, how we realize our purpose.
- Last, we will make a summary and comments

03

## Background (2-3 slides)

- What previous research have done?
- What previous research have not done?
- What we should do? Why it is important?

可逆加成断裂链转移(RAFT)是可控活性聚合中最重要且广泛适用的方法 之一。RAFT活性聚合具有广泛的单体适用性,可以设计、合成多种结构和功能 的聚合物及功能化纳米微球等。



#### Empirical Results (1)–Descriptive Statistics

	Mean	Med.	St.De.	Ske.	Kur.	P
G7index	0017	0015	.0317	3318	6.0456	0
UK	0020	0011	.0508	-7.0587	88.4631	0
France	0	.0002	.0414	2131	4.6480	0
German	0008	0	.0384	1722	5.4542	0
Italy	.0017	.0010	.0375	4443	4.6027	0

#### Empirical Results (4)–Structure Analysis

- In CAPM-AEPD, the  $\beta_2$  values of UK, France and German are all smaller than 1, which indicates that these CDSs are less sensitive to market than Italy.
- These results are the same as those estimated from CAPM-Normal.

04

### Methodology (1-2 slides)

- For our research, we mainly apply ...method, which is a common approach for ...
- But, the difference of our research is ....
- The mainly logic behind our method is ...

More tables More graphs Less words

05

### Empirical Result (2-3 slides)

- Based on method, we apply..data and analyze ...
- 2-3 important conclusions
- Whether results suit to your prediction

#### Summary

#### Empirical results show

- With non-normal error assumption, the Capital Asset Pricing Model (CAPM) in Sharpe (1964), Lintner (1965) and Mossin (1966) is still alive for Sovereign CDS market.
- CAPM-AEPD has better in-sample fit than CAPM-Normal by Akaike Information Criterion (AIC), which is the same as those for US and China stock market found in Jin (2011).

Motivation
Model and Methodology
Data
Results
Summary
Future Extensions
Questions and Answers

#### Thanks!

Motivation
Model and Methodology
Data
Results
Summary
Future Extensions

Any questions?

06

## Conclusion (1 slide)

- Whether your purpose is realized.
- Advantages of research
- Disadvantages of research

07

### Acknowledgement (1 slide)

- That's our research.
- Thank you for your listening.

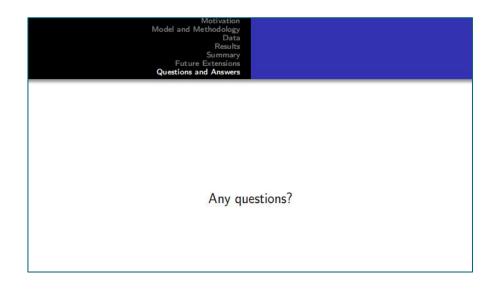
08

# Question or Comments?

(Closing slide)

- *Is there any questions?*
- 2-3 questions are enough.
- Keep within 5 min.

# How to Ask and Answer Questions?



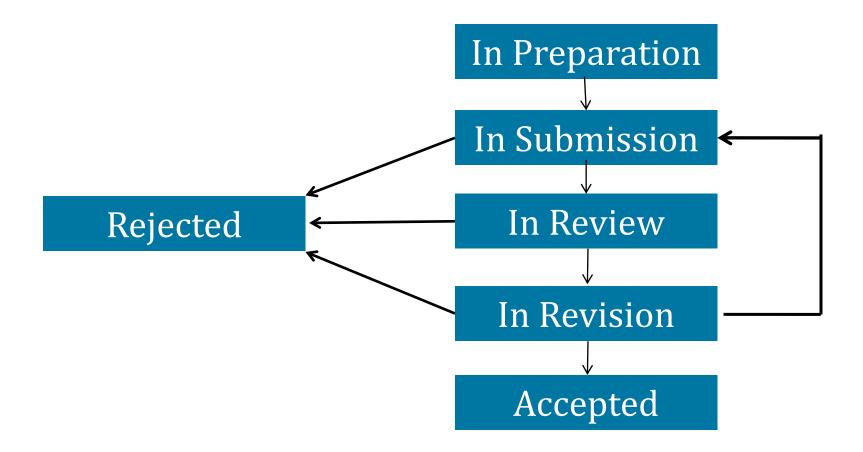
#### How to ask questions?

- You made an amazing presentation.
- And I have learnt a lot from it.
- But I just wonder ....

#### How to answer questions?

- Thank you for your question.
- For this question, I try to...

## • Submission Process



## **In Submission**

## Editorial Board

The editorial board, or (editorial) advisory board, is a team of experts in the journal's field.

- Review submitted manuscripts.
- *Advise on journal policy and scope.*
- Identify topics for special issues, which they may guest edit.
- *Attract new authors and submissions.*
- Act as advisers in the case of complex publishing ethics allegations.
- Ideally submit some of their own work for consideration by the journal.



**Editorial Board** 

































All be appointed from key research institutes

At least 70% manuscripts will be rejected during the process!

Reviewers

In Review

- Experts of the relative field
- Have publications of first author/corresponding author in the recent five years
- Usually hold a PhD degree
- No competing interests/common interests with the authors (No co-author work/funding in recent 3 years)
- *Usually there will be 2 or 3 reviewers*

At least 3 months

## Evaluation from Reviewers

In Review

- Originality/Novelty (Topic Selection)
- Scientific Soundness (Methodology)
- Interest to the Readers (Empirical Analysis)
- Significance (Conclusion)
- Quality of Presentation Oral
- Overall Merit
- English Level

Written

## Evaluation from Reviewers

In Review

- English Level
  - 百度翻译
  - NOUNPLUS: Grammar Check Free Online

https://www.nounplus.net/grammarcheck/

• Grammar Check Online

https://www.gingersoftware.com/grammarcheck#.XO9T1vmsd4Z

• AutoCrit Online Editing

https://www.autocrit.com/

## Evaluation from Reviewers

### In Review

#### **Overall Recommendation**

- Accept in Present Form
- Accept after Minor Revisions
- Reconsider after Major Revisions
- Reject
  - 先看期刊再写论文
  - 观察Editorial Board成员
  - 观察发刊量和 IF

#### Overall Recommendation: Reject

#### Recommendation

#### Review Report:

In the manuscript entitled XXXXXXXX, the authors presented the self-assembly process of nanoporous structures observed by STM. Although the authors have done lots of work, I am sorry to say that the manuscript is not qualified for the publication requirements. My reasons are as follows:

- 1.— Similar results have been reported in Surface Science 538 (2003) L451-L459 and the Journal of Chemical Physics 134, 124702(2011). In these studies, stilbenoid derivatives studied by STM and the corresponding theoretical models have been reported. Therefore, I'm afraid the manuscript is lack of novelty.
- 2.— The illustrations made in this manuscript were not fully convinced. Without calculations of theoretical models corresponding to the nanostructures, it is hard to understand the authors' explanations.
- 3.— It guess the authors may have to reconsider some of their explanations. For example, in paragraph 2 of page 2, the authors mentioned that there is a trade-off between adsorption process and the number of molecules in the solution. The former influences the enthalpy while the latter affects the entropy. Since thermodynamic process is complex, it is inadequate to make an assertion like that without the support of carefully calculated models. Obviously, the adsorption can also change entropy of the system and the effect cannot be neglected without supporting calculations. Moreover, in the last paragraph of page 8, the authors mentioned the results may be helpful in solving quenching problems. Further discussions are needed there to explain why.
- 4.— The authors must be careful with the details of the manuscript. In the second paragraph of page 5, the authors referred to "equation (8) in ref.3". However, I didn't find the equation.

  Meanwhile, the images presented by STM were not so clear; the resolution needs to be further improved.

## Respond the Reviewers

### In Revision

```
Xiao Wang.
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XXXX University School of Medicine, ...
Beijing, China ...
Tel: XXXX: Fax: XXXX.
E-mail address: XXXX.
 → → → → → → → → → → → → → → → → ····· April 14, 2019.
Dear Editor.
We would like to resubmit the revised manuscript entitled "XXXXX" for
consideration by XXXX (journal name). We would like to thank the reviewers for
thoroughly reviewing our manuscript and making many thoughtful comments. We
were very pleased to see that all three reviewers recognized the novelty and potential
significance of our work. We have added significant new data, described in detail
below, and revised the manuscript to address reviewers' comments. Here are our
point-by-point responses:..
Reviewer #1:
Comment 1:
"Fig. 1. I think the data......?" (the question from reviewer).
Answer:
Thank you for your kindly suggestions. We have used ...... (Fig. 1B) (show what
you did to answer their questions or directly explain if you don't need to do anything)...
Comment-2:
Answer:
```

```
Reviewer #2:

Comment 1:...

"(the question from reviewer)...

Answer:

Thank you very much for your questions. We have used....... (Fig. 1B) (show what you did to answer their questions or directly explain if you don't need to do anything)...

Thank you for your consideration of our manuscript...

Yours sincerely,

Xiao Wang, Ph.D...
```

## Accept

## Editorial Decision and Revision

- Accept in Present Form
- Accept after Minor Revisions
- Reconsider after Major Revisions
- Reject and Encourage Re-submission
- Reject

Your revised manuscript entitled "For the stress in head translation initiation because using time-steps" has now been seen by our referees, and in light of their advice I am delighted to say that we can in principle offer to publish it. First, however, we would like you to revise your paper to address the points made by the referees, and to make some editorial changes to your paper so that it is as brief as possible and complies with our Guide to Authors

(https://www.nature.com/nature/for-authors).

You will find attached four files: annotated versions of the Reporting Summary and Editorial Policy Checklist; a detailed list of statistical reporting issues; and an excel macro. The annotations on the checklists should be corrected before submitting the final versions of these. The list of reporting issues indicates areas where further information is required. The macro is used to estimate length in print (see below). The general formatting guidelines are as follows:

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# Good Attitude is Important

- 研究是有多个答案、甚至没有答案的不适定问题
- 研究成果在发表的那一刻就可能过时了
- 拥有无限的自由,但也有无限的责任
- 必须让自己接受严格的审查
- 整个职业生涯在很大程度上将由一个数字来衡量
- 研究是一种生活,而不是工作

# Good Attitude is Important

- Find your own Interests/passion
- Do NOT forget your other responsibility (teaching, public service, volunteer work)
- Find a hobby (sports, music, art digestion...)
- Develop other skills (teamwork, managerial skills, language skills, communication...)
- Keep a balanced life

Thank you for your listening!
Wish you a good academic
journey in AI Hub!