What to make

How to make

STAP

~ 2014 1 Nature STAP
Article 8 Letter 11

ips

~ 2014 2 net

Nature

~ 2 25

- 3 10
- 3 14
- 4 1
- 4 2
- 4 7
- ~4 8

- 4 9
  STAP 200
- 4 17
- 4 19
- 4 26
- 4 29 2000 ES
- 5 8

- 5 14
- 5 29 letter
- 6 3 Article
- 7 1
- 7 2 Nature STAP

  STAP 5
- 7 18

- 8 5
- 8 27 STAP
- 8 28
- 10 8

20%

- 10 24 1/10
  5 1/10 1~2
- 11 30
- 12 4 worst

- ~ 12
- ~ 12 19 STAP
- ~ 12 26
- ~ 12 27 STAP

  ES STAP
- ~ 2015 1 29 STAP –

- ~ 2015 2 11 STAP
- ~ 2015 3
- ~ 2015 10

STAP細胞

stimulus-triggered acquisition of pluripotency

ES

ips induced pluripotent stem cells

ips

2012

STAP

30

STAP

chimera mouse

STAP细胞论文的主要作者及其作用

Idea						
STAP						
CDB						
Nature Article STAP 8 Lettle 11						

科学论文

100

8000

Nature

Science

2013

500

- Nature 1869

  1 800

- impact factor

  2012

2010~2011

Nature:38.597

Science:31.027

Nature Communication:10.015

研究不足 行为不端 学风不端

FFP

fabrication

falsification

Plagiarism)

体制、机制上的弊病是不正的温床

1917
3400

2012 2013 850 50

5

spring-8

SACLA X

CDB ips

113

CDB

40 400

2002 2011 2013

CDB

各方表现　形形式式

激烈争斗　错综复杂

树欲静而风不止

扫帚不到 灰尘照例不会自己跑掉

What to make?

How to make?

4

5 -6 Letter Article

7

8 -12

12 STAP

12

4 17

8 5

4 7

3 10

3

6

STAP

STAP 200

1

2

STAP 200

3

4

5

2014 2 3 4

2 4

5 14

6

CDB 400

Seminar,

CDB

大事化小 小事化了

- 只涉及论文中之不正，不影响STAP细胞的结论？
- 只涉及小保方一人之不正，不涉及其他的共同著者？
- 安排验证试验，急于查明STAP有无！
- 没有查明疑点至水落石出

~ 2014 3

100 20 N1H
site
site

280

~ 7 17

~ 18 26

11 6

80% 20% copy and paste

~ 10 8 1

20% 5

~ 2015 10

- 8
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15%

open lab

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2015. 3. 25

2015. 4. 20

2014 6 23 ~27 STAP

2014 12

1 2014. 12. 2

2 2014. 12. 9 ips

3 2014. 12. 16

4 2014. 12. 23

5 2014. 12. 30

STAP

1600 +

STAP

worst

2014. 12. 4 20~80

500 67. 4% 2014. 4

worst

Article

STAP ES

Chimera ES

ES

ES

- idea

nature

- 1 6000 postdoc
-

2015. 2. 11 STAP

/ 2014. 12

/ STAP

~ 2014. 10. 24

10%

10%

1~2

~ 2015. 3

~ 2014. 10. 8

20% 5

~ 2015. 10.

STAP

CDB