

KSMS LETTER

1, 1

2005.3.1

(KOREAN SOCIETY FOR MASS SPECTROMETRY)

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ICP-MS(
ment

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GV Instru-

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가

(Thermo),

(Agilent), DK

(GV),

(ABI)

8

가

85

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12 Tesla FT-ICR
2005
KSMS 2006

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12 Tesla FT-ICR

“ 12 Tesla
가

() 1 27
commercial 12 Tesla FT-ICR (IonSpec)
가 . 12 Tesla 가
FT-ICR
resolution, mass range, dynamic range,
space charge mass measurement
sensitivity accuracy . 12 Tesla FT-ICR
“ (:)”
2 12 Tesla FT-ICR 1 FT-ICR
가
top-down proteomics, post-translational modification metabolom-
ics

Nature

2 3
dauer C. elegans
dauer-inducing
pheromone() 30 . C. elegans
30
Q-TOF parent fragment
accurate mass measurement
, $[M+NH_4]^+$, $[M+Na]^+$ fragment
NMR
tandem isotope exchange $[M+NH_4]^+$, $[M+Na]^+$ $[M-H]^-$
-COOH -OH
(Nature 433, 541, 2005)

“ Q-TOF
parent
fragment
accurate
mass
measurement
”

2005

- :
- : 2005 8 24-26 (-)

* 8 24 :

- 14:00-19:30 User meeting: ()
- 19:30-21:30 (organizer:)

* 8 25 :

- 08:00-09:00:
- 09:00-10:00 -
- 10:00-10:30 coffee break

Session1 (parallel) - (Biological & Pharmaceutical Analysis)

- 10:30-12:00 1 (30 3) - Large Biomolecules
- 12:00-13:00 ()
- 13:00-14:30 2 (30 3) - Food Analysis
- 14:30-15:00 coffee break
- 15:00-16:30 3 (30 3) - Pharmaceutical

Session2 (parallel) - (Fundamental and Inorganic/Environmental Analysis)

- 10:30-12:00 4 (30 3) - Fundamental
- 12:00-13:00 ()
- 13:00-14:30 5 (30 3) - Inorganic
- 14:30-15:00 coffee break
- 15:00-16:30 6 (30 3) - Environmental

-
- 16:30-17:00
- 17:00-17:40 ()
- 17:40-19:30 -
- 19:30-22:00 Welcome mixer ()

* 8 26 :

- 08:00-09:00
- 09:00-10:00
- 10:00-10:30 coffee break

- ()
- 10:30-11:10 LC LC
- 11:10-11:50

KSMS 2006

- : ()
- : Pharmaceutical application (Clinical analysis, metabolomics)
- :
- : 2006 2 9 -10 (-)

AATA KSMS

- :
- 2005 11 ()
- 1 + / 1
- :

53rd ASMS Conference on Mass Spectrometry

- June 5-9, 2005
- San Antonio, Texas
- <http://www.asms.org>

- :
- : 2005. 4. 22-23
- <http://www.kcsnet.or.kr>

(KOREAN SOCIETY FOR
MASS SPECTROMETRY)

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(305-600)

: 042-868-5361, 5367
: 042-868-5042

(KSMS)

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www.ksms.org

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