

## Posters

Written by Administrator

Thursday, 22 December 2011 14:29 - Last Updated Wednesday, 09 December 2015 12:44

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Oral and Poster presentation in international conference, by SEE-DRUG groups:

### Oral Presentations

a/a

TITLE

CONFERENCE/PLACE

RESEARCHERS

DATE

## Posters

Written by Administrator

Thursday, 22 December 2011 14:29 - Last Updated Wednesday, 09 December 2015 12:44

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2012

2012

2012

2012

1

Co

*n*

*formational plasticity*

Dept Chemistry, Uof Athens, GR

G.A. Spyroulias

01/2012

## Posters

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2

*NMR study of Arkadia E3 ubiquitin ligase domain to correlate Zn(II) coordination with protein architecture*

12th Eurasia

Corfu, GR

<<

04/2012

3

*Conformational Dynamics and Drug Design Applications NMR - Basic and Applied*

2nd Summer School of Proteins

Athens, GR

<<

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---

05/2012

4

Identifying functionally important residues of Arkadia E3 ubiquitin ligase ring domain in E2 recruitment

15th HSMC

Athens, GR

<<

05/2012

5

*NMR Conformational Dynamics and SAR studies of biologically relevant macromolecules*

3<sup>rd</sup> ARCADE Workshop, NHRF,

Athens, GR

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«

05/2012

6

*The SEE DRUG Project at University of Patras*

WIRE2012

Krakow, PL

«

06/2012

7

*Insights on the conformational exchange properties of GLIC ECD by solution NMR - Implications on 5/*

4

th

Neurocypres Annual meeting

## Posters

Written by Administrator

Thursday, 22 December 2011 14:29 - Last Updated Wednesday, 09 December 2015 12:44

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Vienna, AT

«

06/2012

8

*Elucidating the intrinsic plasticity of the extracellular domain of a prokaryotic nAChR homologue b*

Dept Chemistry, Uof Florence

IT

«

06/2012

9

*Selective amino acid isotope labeling strategies for solution NMR studies of high-molecular-weight pro*

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32

nd

EPS,

Athens, GR

<<

09/2012

10

*NMR-driven Structure Function Correlation studies of Arkadia E3 Ubiquitin Ligase RING domain*

6th HECRA

Athens, GR

<<

09/2012

11

## Posters

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---

*Conformational Dynamics & Function of Proteins by Solution NMR*

Dept Chemistry, Uof Crete, Heraklion, GR

«

11/2012

12

*NMR Insights on the functional modulation of the RING domain of Arkadia tumor suppressor*

63rd EEBMB

Herakleion Crete, GR

11/2012

13



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---

*NMR Structural Biology at University of Patras & the SEEDRUG Project*

3rd EAST-NMR AJM,

Lasko, Slovenia

«

11/2012

14

*Solution NMR Studies of E3 Ub Ligase RING and Alphaviruses MACRO Domains*

Turkish NMR Meeting

Istanbul, TR

«

12/2012

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---

15

*Method Development for Structural Studies: From Materials Science to Structural Biology*

IAEA Headquarters, Vienna, AT

<<

06/2012

16

*Proteins & Powders: Samples, Data & Polymorphism*

Macro-molecular Structure of Biological & Non-Biological Materials

Hurghada, Egypt

I. Margiolak, F. Karavasili & coworkers

11/2012

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---

17

*The role of Geminin in the self-renewal and differentiation of hematopoietic stem cells*

63rd EEBMB

Herakleion Crete, GR

A. Patmanidi & S. Taraviras

11/2012

18

*Parmacogenomics in developing countries in Europe*

World Companion Diagnostics Summit

Frankfurt, DE

G. Patrinos

03/2012

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19

*Pharmacogenomics* and *Public health*

2<sup>nd</sup> Latin American Pharmacogenomics Conference,

Rio de Janeiro, BRAZIL

<<

06/2012

20

*Genomics and rare diseases*

8<sup>TH</sup> Golden Helix Pharmacogenomics Day,

Brno, CZECH REPUBLIC

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11/2012

2013

2013

2013

2013

21

*Soluble guanylyl cyclase: a new look at an old drug target*

VIII<sup>th</sup> Joint Meeting on Medicinal Chemistry, Lublin, POLAND

A. Papapetropoulos

## Posters

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07/2013

22

*GC activators: from molecular pharmacology to clinical use*

11 TH Symposium of Hellenic Society of Pharmacology, Athens GR

«

03/2013

23

*Modulation of H<sub>2</sub>S levels in cells and*

2<sup>nd</sup> European Conference on the Biology of Hydrogen Sulfide, Unive

«

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09/2013

24

NO-H

2

S interactions invol

6<sup>th</sup> International Conference on cGMP, cGMP, Erfurt, DE

<<

06/2013

25

Multi-step loading of human Mini Chromosome Maintenance proteins in live human cells

Celebrating the 50<sup>th</sup> anniversary of the Replicon Theory, Paris, FR

Z. Lygerou

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---

03/2013

26

*Controlling self-renewal and fate commitment decisions in stem cell*

The European Cancer Stem Cell Research Institute, Cardiff University, UK

S. Taraviras

03/2013

27

*The University of Patras Unit of Functional Microscopy and its contribution at basic and applied research*

1<sup>st</sup> Forum of Health, Patras, GR

S. Taraviras

04/2013



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---

28

*Geminin, a novel player in cell fate decisions*

Weatherall Institute of Molecular Medicine Oxford, UK

S. Taraviras

06/2013

29

*Conformational Dynamics of Proteins, Biomolecular Interactions and Drug Design Efforts*

Department of Medicine, University of Patras, GR

G.A.Spyroulias

03/2013

30

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*State-of-the-art NMR instrumentation & modern NMR applications in the service of Life Sciences*

1  st  Forum of Health, Patras, GR

«

04/2013

31

*High-resolution analysis of protein structure, dynamics and interaction through Biomolecular NMR*

«NANOTHEO» Workshop University of Patras, GR

«

05/2013

32

*NMR conformational dynamics of proteins & protein complexes*

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2

nd

Research Coordination Meeting of International Atomic Energy

<<

09/2013

33

*Conformational Dynamics and Drug Design Approaches through NMR*

5th BBBB International Conference 2013, 26-28 September, Athens, GR

<<

09/2013

34

*Pharmacogenomics and developing countries in Europe*

2013 European Annual Human Genetics Conference, Paris, France

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G. Patrinos

06/2013

35

*Pharmacogenomic applications of whole genome sequencing*

5th EMBO meeting, Amsterdam, the Netherlands,

<<

09/2013

36

*Proteins & Powders: Samples, Data & Structures*

Workshop on Powder & Electron Crystallography Patras, GR

I. Margiolaki

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---

07/2013

37

*Development of novel methodologies for the study of nano-crystalline materials*

2

nd

Research Coordination Meeting of International Atomic Energy

I. Margiolaki

09/2013

38

*Conformational Dynamics and Drug Design Approaches through NMR*

5th BBBB International Conference 2013,

Athens GR

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G.A.Spyroulias

09/2013

39

*SEEDRUG Biomolecular 700MHz NMR Facility*

Inauguration of the SEEDRUG Biomolecular NMR Facility, Patras, GR

<<

10/2013

40

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*Geminin, a novel player in cell fate decisions*

Beth Israel Deaconess Medical Center, Medical School, Harvard University, USA

S. Taraviras

11/2013

41

*Geminin, a novel player in cell fate decisions*

Tufts Medical Center, Tufts University School of Medicine, USA

S. Taraviras

11/2013

42

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---

Geminin binds onto distal and proximal elements of HoxA9 and regulates fate commitment decisions

64th EEBMB

Athens, GR

A. Patmanidi,

S. Taraviras

12/2013

43

*Effect of non-contact current transfer in protein crystallization: experiments with two model proteins*

64th EEBMB

Athens, GR



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K.Poulas, G.Lagoumintzis & coworkers

12/2013

2014

2014

2014

2014

44

Macromolecular Powder Diffraction: Past, Present, Future

IYCR2014,

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Opening Ceremony, UNESCO, Paris FR

I. Margiolaki

01/2014

45

*Geminin, a novel player in cell fate decisions in haematopoietic system*

Fleming Institute, Vari, Athens, GR

S. Taraviras

02/2014

46

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---

*Structural Biology by NMR: Knowledge transfer from EU RIs to Greece*

ICRI-2014 – Joint Workshop

G.A.Spyroulias

04/2014

47

*Macromolecular micro-crystallography: Perspectives in Drug Discovery*

15th conference of Medicinal Chemistry, Patras, GR

I. Margiolaki

04/2014

48

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---

*Macromolecular Micro-crystallography: Application to Pharmaceutical Proteins*

EPDIC14 - The European Powder Diffraction Conference, Aarhus, DK

F. Karavasili & I. Margiolaki

06/2014

49

*Macromolecular Micro-crystallography: Application to Pharmaceutical Proteins*

EPDIC14 - The European Powder Diffraction Conference, Aarhus, DK

F. Karavasili & I. Margiolaki

06/2014

50

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---

*Insights on the conformational plasticity of drug-target proteins*

32 nd CNC – Trends in Drug Research, 2014

G.A.Spyroulias

05/2014

51

*Atomic-level investigation of Structure, Dynamics & Interactions of proteins, through Biomolecular NMR*

University of Thessaly

G.A.Spyroulias

05/2014

52

*Macromolecular Powder Diffraction: Current status & Future prospects*

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7 th HeCrA

I. Margiolaki

09/2014

53

*NMR Conformational Dynamics of La and RRM1 Motifs of La Protein*

“

G.A.Spyroulias

09/2014

54

*STAT4 rs7574865 SNP in genetic susceptibility of early-onset Myasthenia Gravis*

Pharmacogenomics and Genomic Medicine: Bridging Research and the Clinic

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Z. Zagoriti

G.Patrinou, M.Kambouris,

G.Lagoumintzis

09/2014

55

Application of NMR Spectroscopy to the study of biomolecules and pharmaceuticals

2<sup>nd</sup> Conference in Pharmaceutical Sciences

UPAT

G.A.Spyroulias

10/2014

56

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*Atomic-level investigation of Structure, Dynamics & Interactions of proteins, through Biomolecular NMR*

Greek NMR Users Meeting

G.A.Spyroulias

10/2014

## Poster Presentations

a/a

TITLE

CONFERENCE

RESEARCHERS

DATE



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1

*NMR study of Arkadia E3 ubiquitin ligase domain to correlate Zn(II) coordination with protein architecture*

12th Eurasia

Corfu, Greece

G.A. Spyroulias

& coworkers

04/2012

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2

*Identifying functionally important residues of Arkadia E3 ubiquitin ligase ring domain in E2 recruitment*

15th HSMC

Athens

Greece

«

05/2012

3

*NMR-driven Structure-Activity correlation study of Arkadia E3 ubiquitin ligase ring domain*

12th Chianti Workshop

Florence, Italy

«

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06/2012

4

*NMR-driven structure-function correlation studies of Arkadia E3 ubiquitin ligase ring finger domain*

6th HECRA

Athens, Greece

<<

09/2012

5

*NMR insights on the functional modulations of RING domain of Ark*

63 EEBMB

Herakleion/Crete

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Greece

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11/2012

6

*Application of NMR in the structural analysis of different domains of Anthrax Lethal Factor metalloprotease*

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7

*Unraveling the conformational plasticity of the extracellular domain of a prokaryotic nAChR homolog*

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8

a *comparative NMR study of three alphavirus macro domains*

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9

*Expression and NMR analysis of two domains of recombinant La protein from D. discoideum*

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<<

10

*NMR conformational dynamics of Arkadia E3 ubiquitin ligase RING domain*

Turkish NMR Meeting

Istanbul, Turkey

12/2012

11

*Preliminary solution NMR studies of three viral macro domains*

<<

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12

*Phase mapping of insulin using Synchrotron X-ray powder diffraction methods" I. Margiolaki*

6th HECRA

Athens, Greece

I. Margiolaki & co-workers

09/2012

13

*Phase mapping of insulin using Synchrotron X-ray powder diffraction methods*

EPDIC 13

Grenoble, France

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«

10/2012

14

*Electron diffraction as complementary tool to overcome obstacles of structural studies by XRPD*

«

I. Margiolak, & A.S. Galanis

10/2012

15

*Investigation of insulin polymorphism via*

*Synchrotron X-ray Powder Diffraction*

«



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I. Margiolaki & co-workers

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16

*Crystallization and Structural Studies of the nsP3 Macro Domain of the Mayaro Virus*

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18

*Ablation of Geminin in haematopoietic stem cells alters their ability to self-renew and differentiate*

4th International Congress on Stem Cells and Tissue Formation,

Dresdner, DE

S. Taraviras & co-workers

07/2012

19

*The role of Geminin in the self-renewal and differentiation of hematopoietic stem cells*

63rd EEBMB

Herakleion Crete, GR

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A. Patmanidi & S. Taraviras

11/2012

20

*Selectivity of commonly used pharmacological inhibitors for cystathionine  $\beta$ -synthase (CBS) & cystathionine*

1st European Conference on the biology of H<sub>2</sub>S, Smolenice, Slovakia

P. Panopoulos, A. Papapetropoulos

& coworkers

06/2012

21

*Effect of mechanical stimulation and carbon nanotube substrate on osteoblast gene expression*

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5th Conference of Hellenic Society of Biomechanics

Thessaloniki, GR

S. Topouzis, V. Kotsikoris & co-workers

09/2012

2013

2013

2013

2013

22

*Synchrotron Radiation reveals polymorphism of human insulin crystals*

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11th ICBSR

Hamburg, Germany

I. Margiolaki & co-workers

09/2013

23

*Application of wireless microcurrent electrical stimulation in treatment of complicated wounds: clinical*

EWMA 2013

Copenhagen, Denmark

«

05/2013

24

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---

*Wireless Microcurrent Stimulation in treatment of diabetic wounds: clinical & in vitro studies*

13<sup>th</sup> Greek Conference on Diabetes

Athens, Greece

«

05/2013

25

*Wireless Microcurrent Stimulation in treatment of diabetic wounds: clinical & in vitro studies*

39<sup>th</sup> Greek Medical Conference

Athens, Greece

«

05/2013

## Posters

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26

*Wireless Microcurrent Stimulation in treatment of diabetic wounds: clinical & in vitro studies*

BEMS 2013 + BIOEM2013

Thessaloniki, GR

«

06/2013

27

*NMR conformational dynamics of Arkadia & Arkadia-2 E3 ubiquitin ligase RING domain*

3rd *Bio-NMR Annual User Meeting*

*Budapest,* Hungary

G.A. Spyroulias & co-workers

06/2013

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28

a comparative NMR study of four viral macro domains

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29

NMR conformational dynamics of Arkadia & Arkadia-2 E3 ubiquitin ligase RING domain

Euromar 2013

Helakleion, GR

G.A. Spyroulias & co-workers

07/2013



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30

*NMR insight on the conformational plasticity of the extracellular domain of a prokaryotic nAChR homolog*

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31

*a comparative NMR study of four viral macro domains*

«

«

«

32

## Posters

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*NMR structural investigation and RNA binding properties of LA protein domains from D. Discoideum*

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33

*Conformational dynamics of N-/C-Terminal domains of Anthrax Lethal Factor metalloprotease*

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34

*UPAT-RISF:*

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Meeting for the National Greek Roadmap of Research Infrastructures, Athens, GR

«

04/2013

35

*Geminin, an inhibitor of DNA replication, regulates self-renewal and commitment decisions in stem cells*

Celebrating the 50<sup>th</sup> anniversary of Replicon Theory, Paris, FR

S. Taraviras & co-workers

03/2013

36

*Effect of shear stress, cyclic uniaxial stretch and gravitational unloading on the cytoskeleton and gene expression*

19th Congress of the European Society of Biomechanics

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Patras, GR

S. Topouzis, V. Kotsikoris, & co-workers

08/2013

37

*Synchrotron Radiation reveals polymorphism of human insulin crystals*

11

th

International Conference on Biology and Synchrotron Radiation (

Hamburg, DE

I. Margiolaki & G.A Spyroulias

09/2013

38

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26th Meeting of the Hellenic Society for Neuroscience, November 29-December 1, 2013

Nikolopoulou P, Stathopoulou A, Lygerou Z., Taraviras S.

12/2013

39

Structure-Function relationship of mutated forms of ARKADIA E3 Ubiquitin Ligase RING domain

64th EEBMB

Athens, GR

G.A. Spyroulias

& coworkers

12/2013

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40

NMR insights on the conformational plasticity of the extracellular domain of a prokaryotic nAChR homo

64th EEBMB

Athens, GR

G.A. Spyroulias

& coworkers

12/2013

41

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NMR conformational dynamics of ARKADIA & ARKADIA-2 E3 Ubiquitin Ligases RING domains

64th EEBMB

Athens, GR

G.A. Spyroulias

& coworkers

12/2013

42

Structural and functional studies on La and RRM1 motifs of an important tRNA-associated chaperone

64th EEBMB

Athens, GR

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G.A. Spyroulias

& coworkers

12/2013

2014

2014

2014

2014

43

*Chemoimmunological study of wireless microcurrent electrical stimulation on treatment of wou*



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40

th

Annual Panhellenic Medical Conference

Athens, GR

K.Poulas, G.Lagoumintzis & coworkers

05/2014

43

*Non-contact current transfer in antimicrobial treatment: clinical and in vitro studies*

40

th

Annual Panhellenic Medical Conference

Athens, GR

K.Poulas, M.Kambouris & coworkers

05/2014

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---

44

UPAT-RISF

Meeting for the National Greek Roadmap of Research Infrastructures, Athens, GR

<<

06/2014

45

*Novel crystalline phase and first order phase transitions of human insulin complexed with phenol-derivatives*

EPDIC14 - The European Powder Diffraction Conference

Aarhus, DK

A. Valmas & I. Margiolaki

06/2014

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---

46

*Innovative electroceuticals for accelerating trauma recovery and enhancing athletes' muscle performance*

VI<sup>th</sup> MuscleTech Network Workshop

Barcelona, Spain

G. Lagoumintzis, K. Poulas et al.

11/2014

47

*Wireless Microcurrent stimulation technology improves firework burn healing. Clinical applications of V*

MOBIHEALTH 20<sup>th</sup> 4 International Conference on Wireless Mobile Communication and

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---

G. Lagoumintzis, S. Sideris, M. E. Kambouris

et al.

11/2014

48

*The role of hydrogen sulphide in the adherence of endothelial cells in vitro*

3<sup>rd</sup> European Meeting on Hydrogen Sulfide

S. Topouzis & A. Papapetropoulos

05/2015

49

*INVESTIGATION OF THE STRUCTURE-ACTIVITY RELATIONSHIP OF  $\epsilon$ 3 UBIQUITIN LIGASES: MU*

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4AUM – BIO-NMR Conference

Warsaw, Poland

Marousis K,

Herrmann T, V Episkopou, et al.

05/2014

50

*NMR insights on the conformational plasticity of the extracellular domain of a prokaryotic nAChR homo*

“

Argyriou A., Chasapis CT, Corringer J.-P.

05/2014

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---

51

*NMR CONFORMATIONAL DYNAMICS OF La AND RRM1 MOTIFS OF La PROTEIN*

FEBS-EMBO 2014,

Paris France

Vourtsis D, Argyriou A., Stathopoulos C et al.

09/2014

52

*SOLUTION nmr study of VIRAL macro domains*

“

Tsika A., Ntonti D., Coutard B, Bentrop D, et al.

09/2014

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---

53

*NMR conformational dynamics of La protein domains La, RRM1 and RRM2*

25<sup>th</sup> tRNA Conference, Kyllini, Peloponese, Greece

Vourtsis, D.

Et al.

09/2014

54

*NMR conformation dynamics of La and RRM1 motifs of La protein*

CTSB & HeCrA7

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FORTH, Crete Greece

A. Argyriou, C.T. Chasapis, D. Bentrop, G.A.Spyroulias

09/2014

55

*NMR insights in the structure-activity relationship of Arcadia E3 ubiquitin ligase*

“

M. Birkou, C.T. Chasapis, D. Bentrop, G.A.Spyroulias

09/2014

56



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---

*High yield production of Met(-1)-Angiogenin for Xray crystallography and NMR studies*

“

D. S. Chatzileontiadou, A. Tsika, et al.

09/2014

57

*Solution NMR study of viral macro domains*

“

A.C. Tsika, et al.

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---

09/2014

2015

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2015

2015

58

*EXPRESSION AND STRUCTURAL DETERMINATION OF MAYARO VIRUS MACRO DOMAIN VIA N*

16

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Hellenic Symposium of Medicinal Chemistry

Tsika A., Spyroulias G.A.et al.

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Thursday, 22 December 2011 14:29 - Last Updated Wednesday, 09 December 2015 12:44

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04/2015

59

*NMR CONFORMATIONAL DYNAMICS OF LAM, RRM1 AND RRM2 DOMAINS OF La PROTEIN*

16<sup>th</sup> Hellenic Symposium of Medicinal Chemistry

Tsika A., Spyroulias G.A.et al.

04/2015

60

*An NMR-DRIVEN STUDY ON THE FUNCTIONAL AND STRUCTURAL ROLE OF THE CONSERVED*

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16<sup>th</sup> Hellenic Symposium of Medicinal Chemistry

Giannari D, Chasapis CT, Bentrop D, Episkopou V, Spyroulias G.A.

04/2015

61

*SOLUTION NMR STUDY OF VIRAL MACRO DOMAINS*

16<sup>th</sup> Hellenic Symposium of Medicinal Chemistry

Ntonti D, Coutard B, Papageorgiou N, Spyroulias GA

04/2015

62

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expression of the N-terminal domain of anthrax lethal factor AND PREDICTION of its secondary structure

16<sup>th</sup> Hellenic Symposium of Medicinal Chemistry

Tsika A,

Coutard B, Papageorgiou N, Spyroulias GA

04/2015

63

NMR Applications in Biomedical research, Analytical Chemistry and Diagnostics

Patras IQ

G.A. Spyroulias et al.

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---

64

*Muscle strain recovery with the aid of pulsed electromagnetic fields in professional football players.*

6

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Panhellenic Conference on Biomedical Technologies, Athens, Greece

G. Lagoumintzis, K. Poulas et al.

05/2015

65

*Combined therapy of Wireless Microcurrent stimulation technology and pulsed electromagnetic fields in*

41st PanHellenic Medical Congress, Athens, Greece

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G. Lagoumintzis, K. Poulas et al

06/2015

66

*Muscle strain recovery with the use of Wireless Microcurrent stimulation technology in high performan*

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G. Lagoumintzis, K. Poulas et al.

06/2015

67

*Crystallization of proteins under the influence of microcurrents and electromagnetic fields.*

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NMR Applications in Life Sciences: Exploring Peptides & Proteins

G. Lagoumintzis, K. Poulas et al.

06/2015

68

*Study of the effect of pulsed electromagnetic fields (pemf) in classical swine fever virus polymerase (c*

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06/2015

69



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*Apoptosis blocking assay: an accurate and quick assay for baculovirus titration.*

“

A. Niarchos, G. Lagoumintzis, K. Poulas et al

06/2015

70

*NMR CONFORMATIONAL DYNAMICS OF LAM, RRM1 AND RRM2*

*DOMAINS OF La PROTEIN*

SEEDRUG NMR Applications in Life Sciences – Exploring Peptides & Proteins

Argyriou A., Chasapis CT.,

Bentrop D.,

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Spyroulias GA

06/2015

71

*NMR study of a soluble Guanylate Cyclase (sGC) human homologue: the HNOX domain from Nostoc*

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Argyriou A.,

Alexandropoulos I. Papapetropoulos A.

06/2015

72

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*NMR INSIGHTS ON THE CONFORMATIONAL PLASTICITY OF THE EXTRACELLULAR DOMAIN OF*

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Argyriou A.,

Corringer J.-P.

Et al.

06/2015

73

*ATOMIC-LEVEL INSIGHTS ON THE STRUCTURAL AND FUNCTIONAL ROLE OF A CONSERVED T*

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Birkou M., Marousis K.,

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Herrmann T., et al.

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74

*CLONING, ISOLATION AND EXPRESSION OF THE RING DOMAIN OF RNF11, A ZINC Zn(II) PROTEIN*

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Bouga M., Argyriou A., et al.

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75

*NMR INSIGHTS ON STRUCTURE OF TWO VIRAL MACRO DOMAINS*

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Ntonti D., Makrynitsa G,

Coutard B, et al.

06/2015

76

*Investigation of the structure-activity relationship of E3 ubiquitin ligases: mutations of Arkadia RING-H*

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Maroyis KD, Birkou M, Bentrop D, et al.

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77

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*Structure– Activity Relationship study of Mayaro and Chikungunya viruses' macro domains via solut*

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Tsika A, Melekis S, Chasapis CT, Coutard B, et al.

06/2015

78

*EXPRESSION OF THE N-TERMINAL DOMAIN OF ANTHRAX LETHAL FACTOR AND PREDICTION*

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Vourtsis D, Chasapis CT, Bentrop D, et al.

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79

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*NMR study of a soluble Guanylate Cyclase (sGC) human homologue: the H-NOX domain from Nostoc*

7th International Conference on cGMP

Trier, Germany

A. Argyriou, A. Papapetropoulos, G.A. Spyroulias

06/2015