



European Thyroid Association

39th Annual Meeting

Copenhagen, DENMARK | 3 – 6 September 2016

Scientific Programme

Tuesday, 6th September

Room 8+9+10+11

07.30 - 08.30

SHORT CALL ABSTRACTS

Chairperson:

Colin Dayan, United Kingdom

08.30 - 10.30

ORAL SESSIONS 10 & 11

Room8+9+10+11

ORAL SESSION 10: YOUNG INVESTIGATORS SESSION / CLINICAL + TRANSLATIONAL

Chairpersons:

Luigi Bartalena, Italy and Tomasz Bednarczuk, Poland

08.30 - 08.45

OP-10-01

5 YEARS FOLLOW UP OF THYROGLOBULIN (TG), THYROGLOBULIN ANTIBODIES (TGAB) AND NECK ULTRASOUND (NUS) IN PATIENTS WITH PAPILLARY THYROID MICROCARCINOMA (MPTC) TREATED WITH TOTAL THYROIDECTOMY BUT NOT ABLATED WITH 131I

Antonio Matrone¹, Alessio Faranda², Eleonora Molinaro³, Laura Agate³, David Viola³, Laura Valerio³, Carlotta Giani³, Liborio Torregrossa⁴, Paolo Piaggi⁵, Paolo Vitti³, Rossella Elisei³

¹University of Pisa, Endocrine Unit - Department of Clinical and Experimental Medicine, Pisa, Italy, Department of Endocrinology, Pisa, Italy

²University of Pisa, Endocrine Unit - Department of Clinical and Experimental Medicine, Pisa, Italy, Pisa, Italy

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⁴Department of Surgical Pathology, Medical, Molecular and Critical Area - Unit of Pathological Anatomy, Pisa, Italy, Pisa, Italy

⁵Phoenix Epidemiology and Clinical Research Branch National Institute of Diabetes and Digestive and Kidney Disease, National Institutes of Health, Phoenix, Arizona, Phoenix, Az, United States, Phoenix, United States

08.45 - 09.00

COMPARISON OF HEMITHYROIDECTOMY AND TOTAL THYROIDECTOMY FOR PATIENTS WITH PAPILLARY THYROID MICROCARCINOMA: A RETROSPECTIVE MATCHED COHORT STUDY

Hyemi Kwon¹, Min Ji Jeon¹, Won Gu Kim¹, Mijin Kim¹, Suyeon Park¹, Dong Eun Song¹, Tae-Yon Sung¹, Jong Ho Yoon¹, Suck Joon Hong¹, Tae Yong Kim¹, Young Kee Shong¹, Won Bae Kim¹

¹Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea, Rep. of South

09.00 – 09.15

STIMULATORY TSH-RECEPTOR ANTIBODIES INDUCE OXIDATIVE STRESS IN THYROCYTES AND PERIPHERAL BLOOD

Tanja Diana¹, Andreas Daiber², Matthias Oelze², Paul Stamm², Michael Kanitz¹, Susanne Neumann³, George Kahaly¹

¹Johannes Gutenberg University Medical Center, Mainz, Germany

²Molecular Cardiology, Johannes Gutenberg University Medical Center, Mainz, Germany

³Niddk, Nih, *, United States

09.15 – 09.30

MUTATIONS IN TBL1X AS A NOVEL CAUSE OF FAMILIAL CENTRAL HYPOTHYROIDISM

Charlotte Heinen¹, Monique Losekoot², Yu Sun², Peter Watson³, Louise Fairall³, Sjoerd Joustra², Nitash Zwaveling-Soonawala¹, Wilma Oostdijk², Erica van den Akker⁴, Mariëlle Alders¹, Gijs Santen², Rick van Rijn¹, Wouter Dreschler¹, Olga Surovtseva¹, Nienke Biermasz², Raoul Hennekam¹, Jan Maarten Wit², John Schwabe³, Anita Boelen¹, Paul van Trotsenburg¹, Eric Fliers⁵

¹Academic Medical Centre, Amsterdam, Netherlands

²Leiden University Medical Center, Leiden, Netherlands

³Henry Wellcome Laboratories of Structural Biology, University of Leicester, Leicester, United Kingdom

⁴Erasmus MC, Rotterdam, Netherlands

⁵Amc, University of Amsterdam, Amsterdam, Netherlands

09.30 – 09.45

THYROID FUNCTION TESTING IN BIOBANK SERA FROM 9,768 DANISH PREGNANT WOMEN SHOWS UNIDENTIFIED THYROID DYSFUNCTION IN UP TO 50% - BOTH IN WOMEN WITH KNOWN THYROID DISEASE AND IN WOMEN DIAGNOSED WITH THYROID DISEASE AFTER THE PREGNANCY

Stine Linding Andersen¹, Jørn Olsen², Peter Laurberg³

¹Aalborg University Hospital, Aalborg, Denmark

²Aarhus University Hospital, Aarhus University, Aarhus, Denmark

³Aalborg University Hospital, Aalborg University, Aalborg, Denmark

09.45 – 10.00

TPO-ANTIBODY POSITIVE WOMEN HAVE AN IMPAIRED RESPONSE TO HCG WHICH UNDERLIES THEIR HIGHER RISK OF PREMATURE DELIVERY.

Tim Korevaar¹, Victor Pop², Layal Chaker³, Yolanda de Rijke⁴, Maarten Broeren⁵, Vincent Jaddoe⁴, Marco Medici⁶, Eric Steegers⁷, Theo Visser⁸, Henning Tiemeier⁴, Robin Peeters⁴

¹Erasmus MC, Rotterdam, The Netherlands, Endocrinology, Rotterdam, Netherlands

²University of Tilburg, Tilburg, Netherlands

³Erasmus Medical Center, Rotterdam, Netherlands

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⁵Máxima Medisch Centrum, Veldhoven, Netherlands

⁶Erasmus Medical Center, Endocrinology, Rotterdam, Netherlands

⁷Erasmus University MC, Rotterdam, Netherlands

⁸Erasmus University Medical Center, Rotterdam, The Netherlands, Erasmus University Medical School, Rotterdam, Netherlands

10.00 – 10.15

IODINE FORTIFICATION HAS REDUCED OVERT THYROTOXICOSIS INCIDENCE IN DENMARK WITH 40 %. A 16 YEAR PROSPECTIVE POPULATION STUDY.

Mads Petersen¹, Inge Bülow Pedersen¹, Allan Carlé¹, Nils Knudsen², Stine Linding Andersen³, Lars Ovesen⁴, Lone Banke Rasmussen², Torben Jørgensen⁵, Betina Heinsbæk Thuesen⁵, Hans Perrild², Peter Laurberg¹

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⁴Department of Gastroenterology, Slagelse Hospital, Aalborg, Denmark

⁵Research Centre for Prevention and Health, Glostrup Hospital, Copenhagen, Denmark

10.15 – 10.30

THE EXCESS MORTALITY IN GRAVES' ORBITOPATHY, COMPARED TO THE BACKGROUND POPULATION, IS PRIMARILY DUE TO HIGHER MORTALITY IN MALES THAN IN FEMALES.

Charlotte Andersson¹, Thomas Brix², Laszlo Hegedüs¹

¹Department of Endocrinology and Metabolism, Odense University Hospital, Department of Clinical Research, Faculty of Health Sciences, University of Southern Denmark, Odense, Denmark

²Department of Endocrinology, Odense University Hospital, Odense C, Denmark

Room 13+15

ORAL SESSION 11: YOUNG INVESTIGATORS SESSION / BASIC

Chairpersons: Luca Persani, Italy and Pilar Santisteban, Spain

08.30 – 08.45

ELUCIDATING THE THERAPEUTIC POTENTIAL OF THYROID HORMONE ANALOGS IN MCT8 DEFICIENCY

Jiesi Chen¹, Eva Salveridou², Heike Heuer³

¹Leibniz Institute for Environmental Medicine (Iuf), Leibniz Institute for Aging, Fritz Lipmann Institute (Fli), Düsseldorf, Germany

²Düsseldorf, Germany

³Leibniz Institute for Environmental Medicine (Iuf), Leibniz Institute for Aging, Fritz Lipmann Institute (Fli), Düsseldorf, Germany

08.45 – 09.00

A FUNCTIONAL ROLE FOR THE DEIODINASE ENZYMES IN NEUTROPHILS AND MACROPHAGES

Anne van der Spek¹, Aldona Karaczyn², Elena Martinez², Olga Surovtseva³, Bernadine Snell¹, Eric Fliers⁴, Arturo Hernandez², Anita Boelen³

¹Academic Medical Center, Amsterdam, Netherlands

²Maine Medical Research Center, Scarborough, Me, United States

³Academic Medical Centre, Amsterdam, Netherlands

⁴Amc, University of Amsterdam, Amsterdam, Netherlands

09.00 – 09.15

ROLE OF CAR AND MTOR IN THE REGULATION OF TYPE 3 DEIODINASE DURING FASTING.

Emmely de Vries¹, Marte Molenaars¹, Olga Surovtseva², Evita Belegri¹, Albert Van Wijk³, Marinus Maas³, Eric Fliers¹, Anita Boelen¹

¹Academic Medical Center, Department of Endocrinology and Metabolism, Amsterdam, Netherlands

²Academic Medical Centre, Amsterdam, Netherlands

³Academic Medical Center, Department of Experimental Surgery, Amsterdam, Netherlands

09.15 – 09.30

A SONIC HEDGEHOG-GLIS3 PATHWAY IS INVOLVED IN THE SPECIFICATION OF THE THYROID GLAND IN ZEBRAFISH

Federica Marelli¹, Giuditta Rurale², Federica Buna³, Franco Cotelli⁴, Luca Persani⁵

¹Irccs Istituto Auxologico Italiano, Endocrinology and Metabolic Disorder, Milan, Italy

²Università Degli Studi Di Milano, Dipartimento Di Biotecnologie Mediche e Medicina Translazionale, Milan, Italy

³Irccs Istituto Auxologico Italiano, Milan, Italy

⁴Università Degli Studi Di Milano, Dipartimento Di Bioscienze, Milan, Italy

⁵University of Milan, Ospedale San Luca, Irccs Istituto Auxologico Italiano, Milan, Italy

09.30 – 09.45

IDENTIFICATION OF A PI3K REGULATED FEEDBACK WITH A DOUBLE-NEGATIVE LOOP BETWEEN MIR30A AND LIN28B CONTROLLING THYROID CANCER PROGRESSION

León Wert-Lamas¹, Garcilaso Riesco-Eizaguirre², Richard Gregory³, Pilar Santisteban⁴

¹Iib Alberto Sols, Madrid, Spain

²Móstoles University Hospital, Móstoles, Spain

³Boston Children's Hospital, Dept of Biological Chemistry and Molecular Pharmacology, Harvard Medical School, Boston, United States

⁴Biomedical Research Institute, Biomedical Research Institute, Madrid, Spain

09.45 – 10.00

INCREASED GLOBAL DNA HYPOMETHYLATION IN METASTATIC AND DEDIFFERENTIATED THYROID CANCER

Esther Klein Hesselink¹, Carles Zafón², Nuria Villalmanzo³, Carmela Iglesias⁴, Bettien van Hemel⁵, Mariëlle Klein Hesselink¹, Dídac Mauricio⁶, Manel Puig-Domingo⁷, Jordi Reverter⁶, Garcilaso Riesco-Eizaguirre⁸, Mercedes Robledo⁹, Thera Links¹, Mireia Jordà¹⁰

¹University of Groningen, University Medical Center Groningen, Department of Endocrinology, Groningen, Netherlands

²Vall D'hebron University Hospital, Department of Endocrinology, Barcelona, Spain

³Germans Trias I Pujol Health Sciences Research Institute (Igt), Badalona, Barcelona, Spain

⁴Vall D'hebron University Hospital, Department of Pathology, Barcelona, Spain

⁵University of Groningen, University Medical Center Groningen, Department of Pathology, Groningen, Netherlands

⁶Germans Trias I Pujol University Hospital, Department of Endocrinology and Nutrition, Badalona, Barcelona, Spain

⁷Germans Trias I Pujol University Hospital, Department of Endocrinology and Nutrition, Badalona, Barcelona, Spain

⁸University Hospital of Móstoles, Endocrinology and Nutrition Service, Madrid, Spain

⁹Hereditary Endocrine Cancer Group, Spanish National Cancer Research Centre (Cnio), Madrid, Spain

¹⁰Germans Trias I Pujol Health Sciences Research Institute (Igt), and Institute of Predictive and Personalized Medicine of Cancer (Imppc), Badalona, Barcelona, Spain

10.00 – 10.15

VARIABLY DEFECTIVE TRANSCRIPTIONAL ACTIVITY OF T3 RECEPTOR TRA1 MUTANTS ON DIFFERENT THYROID RESPONSE ELEMENTS

Karn Wejaphikul¹, Anja van Gucht², W. Edward Visser³, V. Krishna Chatterjee⁴, Theo Visser⁵, Robin Peeters⁶, Marcel Meima¹

¹Erasmus University Medical Center, Department of Internal Medicine, Rotterdam, Netherlands

²Erasmus Medical Center, Thyroid Laboratory, Department of Internal Medicine, Rotterdam, Netherlands

³Erasmus Medical Center, Rotterdam, Netherlands

⁴Metabolic Research Laboratories, Addenbrooke's Hospital, Cambridge, United Kingdom

⁵Erasmus University Medical Center, Rotterdam, The Netherlands, Erasmus University Medical School, Rotterdam, Netherlands

⁶Erasmus University Medical Center, Rotterdam, The Netherlands, Rotterdam, Netherlands

10.15 – 10.30

AUTOPHAGY ACTIVATING COMPOUNDS FACILITATE REDIFFERENTIATION AND CELL CYCLE ARREST OF NON-MEDULLARY THYROID CANCER THROUGH INTRACELLULAR CA2+, FOS AND P21 DEPENDENT PATHWAYS

Marika Tesselaar¹, Thomas Crezee¹, Danny Gerrits², Otto Boerman², Henk Stunnenberg³, Mihai Gheorghe Netea⁴, Johannes Smit⁵, Romana Teodora Netea-Maier⁶, Theo Plantinga¹

¹Radboud University Medical Center, Department of Pathology, Nijmegen, Netherlands

²Radboud University Medical Center, Department of Nuclear Medicine, Nijmegen, Netherlands

³Radboud University Medical Center, Department of Molecular Biology, Nijmegen, Netherlands

⁴Radboud University Medical Center, Department of Internal Medicine and Radboud Center for Infectious Diseases, Nijmegen, Netherlands

⁵Radboud University Nijmegen Medical Centre, 463 Internal Medicine, Nijmegen, Netherlands

⁶Radboud University Medical Centre, Dept. of Endocrinology, Nijmegen, Netherlands

10.30 – 11.00 COFFEE BREAK & LUNCH BOX

Room 8+9+10+11

ORAL SESSION 12: Clinical Aspects of Pregnancy, Childhood and Brain

Chairpersons: Kris Poppe, Belgium and Stine Linding Andersen, Denmark

11.00 – 11.15

TSH REFERENCE LIMITS ARE HIGHLY DEPENDENT ON THE WEEK OF GESTATION IN THE FIRST TRIMESTER OF PREGNANCY. A STUDY OF 6,671 HEALTHY PARTICIPANTS IN THE DANISH NATIONAL BIRTH COHORT

Peter Laurberg¹, Stine Linding Andersen², Peter Hindersson³, Ellen Nohr⁴, Jørn Olsen⁵

¹Aalborg University Hospital, Aalborg University, Aalborg, Denmark

²Departments of Clinical Biochemistry and Endocrinology, Aalborg University Hospital, Aalborg, Denmark

³Department of Clinical Biochemistry, North Jutland Regional Hospital, Hjørring, Denmark

⁴Research Unit for Gynecology and Obstetrics, University of Southern Denmark, Odense, Denmark

⁵Department of Clinical Epidemiology, Aarhus University Hospital, Aarhus, Denmark

11.15 – 11.30

THYROID FUNCTION AND BRAIN IMAGING

Layal Chaker¹, Lotte Cremers², Albert Hofman³, Mohammad Arfan Ikram⁴, Meike Vernooij², Robin Peeters⁵

¹Erasmus Medical Center, Rotterdam, Netherlands

²Erasmus University Medical Center, Rotterdam, Netherlands

³Erasmus University Medical Center, Rotterdam, The Netherlands, Harvard T.H. Chan School of Public Health, Boston, MA, Boston, United States

⁴Erasmus MC, Rotterdam, Netherlands

⁵Erasmus University Medical Center, Rotterdam, The Netherlands, Rotterdam, Netherlands

11.30 – 11.45

EFFECT OF THYROID HORMONES ON COGNITION AND BRAIN

Anna Göbel¹, Marcus Heldmann², Martin Göttlich², Georg Brabant³, Anna-Luise Dirk³, Relana Nieberding³, Rene Goerges³, Thomas Münte⁴

¹UKSH Lübeck, Lübeck, Germany

²UKSH Lübeck, Cbbm, Lübeck, Germany

³UKSH Lübeck, Medizinische Klinik 1, Lübeck, Germany

⁴UKSH Lübeck, Klinik für Neurologie, Lübeck, Germany

11.45 – 12.00

MATERNAL HYPOTHYROIDISM CONTRIBUTES TO ATYPICAL HIPPOCAMPAL FUNCTION IN HUMAN OFFSPRING

Joanne Rovet¹, Victoria McLelland²

¹The Hospital for Sick Children, University of Toronto, Toronto, Canada

²The Hospital for Sick Children, Toronto, Canada

12.00 – 12.15

IODINE STATUS AND EFFECTS OF SUPPLEMENTATION WITH 150 MG/DAY IODINE DURING PREGNANCY IN SWEDEN: A RANDOMIZED PLACEBO-CONTROLLED TRIAL.

Sofia Manousou¹, Robert Eggertsen², Lena Hulthen³, Helena Filipsson Nyström⁴

¹Department of Medicine at Kungälv Hospital, Sweden, Institute of Medicine Sahlgrenska Academy, Gothenburg, Sweden

²Mölnlycke Health Care Center, Mölnlycke, Institute of Medicine, Sahlgrenska Academy, University of Gothenburg, Göteborg, Gothenburg, Sweden

³Department of Clinical Nutrition, Sahlgrenska Academy, University of Gothenburg, Sweden, Gothenburg, Sweden

⁴Department of Endocrinology, University of Gothenburg, Göteborg, Sweden

12.15 – 12.30

BARIATRIC SURGERY REDUCES URINARY IODINE LEVELS DESPITE NORMAL IODINE INTAKE- A PROSPECTIVE 10-YEAR-REPORT FROM THE SWEDISH OBESITY SUBJECT (SOS) STUDY

Sofia Manousou¹, Lena Carlsson², Robert Eggertsen³, Lena Hulthén⁴, Peter Jakobsson², Lars Sjöström², Per-Arne Svensson², Helena Filipsson Nyström⁵

¹Department of Medicine at Kungälv Hospital, Sweden, Institute of Medicine Sahlgrenska Academy, Gothenburg, Sweden

²Institute of Medicine, Sahlgrenska Academy, University of Gothenburg, Göteborg, Gothenburg, Sweden

³Mölnlycke Health Care Center, Mölnlycke, Institute of Medicine, Sahlgrenska Academy, University of Gothenburg, Göteborg, Gothenburg, Sweden

⁴Department of Clinical Nutrition, Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden

⁵Department of Endocrinology, Sahlgrenska University Hospital, Göteborg,, Institute of Medicine, Sahlgrenska Academy, University of Gothenburg, Göteborg, Borås, Sweden

12.30 – 12.45

RETINAL PHOTORECEPTOR FUNCTIONS ARE COMPROMISED IN PATIENTS WITH RESISTANCE TO THYROID HORMONE SYNDROME (RTHB).

Irene Campi¹, Gabriella Cammarata², Stefania Bianchi Marzoli³, Diletta Santarsiero², Davide Dazzi⁴, Alessandra Bottari De Castello⁵, Elena Giuliana Taroni⁵, Francesco Viola⁶, Luca Persani⁷, Paolo Beck-Peccoz⁸

¹Fondazione Irccs Ca' Granda, Endocrine Unit, Milan, Italy

²Neuro-Ophthalmology Service and Electrophysiology Lab, Irccs Istituto Auxologico Italiano, Milan, Italy

³Chief, Neuro-Ophthalmology Service and Electrophysiology Lab, Irccs Istituto Auxologico Italiano, Milan, Italy

⁴Ospedale Vaio Fidenza, Division of Internal Medicine, Fidenza (Pr), Italy

⁵Fondazione Irccs Ca' Granda, Ophthalmology Unit, Milan, Italy

⁶University of Milan and Fondazione Irccs Ca' Granda, Ophthalmology Unit, Milan, Italy

⁷University of Milan, Ospedale San Luca, Irccs Istituto Auxologico Italiano, Milan, Italy

⁸Department of Medical Sciences, Fondazione Irccs Cà Granda Policlinico, Milan, Italy

12.45 – 13.00

THYROID STIMULATING HORMONE IS ASSOCIATED WITH ATTENTION DEFICIT/HYPERACTIVITY DISORDER IN GERMAN CHILDREN.

Diana Albrecht¹, Till Ittermann², Michael Thamm³, Henry Völzke⁴

¹University Medicine Greifswald, Institute for Community Medicine, Greifswald, Germany

²University Medicine Greifswald, Greifswald, Germany

³Robert Koch-Institut, Berlin, Germany

⁴Ernst-Moritz-Arndt Universität Greifswald, Greifswald, Germany

Room 13 + 15

ORAL SESSION 13:

Basic Mechanisms in Graves' Disease

Chairpersons:

Stefano Mariotti, Italy and Laszlo Hegedüs, Denmark

11.00 – 11.15

OXIDATIVE STRESS IN SKIN ADIPOCYTES FROM GRAVES' PATIENTS

Marie-Christine Many¹, Joris Virginie², Marique Lancelot¹, Van Regemorter Elliott³, de Ville de Goyet Christine¹, de Bournonville Marc¹, Antonella Boschi⁴, Mourad Michel⁵, Chantal Daumerie⁵, Julie Craps¹

¹Ss/Mede/Irec/Ucl, Bruxelles, Belgium

²Ucl-Irec-Fath, Brussels, Belgium

³Ucl, Brussels, Belgium

⁴Cliniques Universitaires Saint-Luc, Ophtalmologie, Bruxelles, Belgium

⁵Cliniques Universitaires Saint-Luc, Endocrinologie, Brussels, Belgium

11.15 – 11.30

INCREASE OF NOX-4, VEGF AND GLUT-1 IN GRAVES' DISEASE

Julie Craps¹, Joris Virginie², Hepp Michael¹, Papasokrati Lida¹, Werion Alexis¹, de Ville de Goyet Christine¹, de Bournonville Marc¹, Chantal Daumerie³, Mourad Michel³, Marie-Christine Many¹

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³Cliniques Universitaires Saint-Luc, Endocrinologie, Brussels, Belgium

11.30 – 11.45

CHARACTERISTICS OF HYALURONAN AND PAI-1 EXPRESSION IN CULTURES OF ORBITAL FIBROBLASTS

Erika Galgoczi¹, Florence Jeney¹, Annamaria Gazdag¹, Annamaria Erdei¹, Mónika Katkó¹, Domonkos M.Nagy¹, Bernadett Ujhelyi², Zita Steiber², Ferenc Gyory³, Eszter Berta¹, Endre Nagy V.¹

¹Division of Endocrinology, Department of Medicine, Faculty of Medicine, University of Debrecen, Debrecen, Hungary

²Department of Ophthalmology, Faculty of Medicine, University of Debrecen, Debrecen, Hungary

³Department of Surgery, Faculty of Medicine, University of Debrecen, Debrecen, Hungary

11.45 – 12.00

IDENTIFICATION OF A NEW HIGHLY TSH-RECEPTOR-SELECTIVE SMALL MOLECULE INHIBITOR

Inna Hoyer¹, Patrick Marcinkowski¹, Edgar Specker¹, Jens Furkert¹, Marc Nazaré¹, Jens-Peter von Kries¹, Claudia Rutz¹, Ralf Schülein¹, Gerd Krause¹

¹Leibniz-Institut für Molekulare Pharmakologie Berlin, Berlin, Germany

12.00 – 12.15

THE EXPRESSION OF NEONATAL FC RECEPTOR IN THYROCYTES OF HASHIMOTO'S THYROIDITIS

Yang Zhang¹, chenxu Zhao², Ying Gao², Lanlan Zhao³, Suxia Wang², Hong Zhang², Guizhi Lu⁴, Yanming Gao², Xiaohui Guo⁴

¹Peking University First Hospital, Peking, China

²Peking University First Hospital, Beijing, China

³Civil Aviation General Hospital, Beijing, China

⁴Perking University First Hospital, Beijing, China

12.15 – 12.30

EFFECTS OF OXIDATIVE STRESS ON SIRT-1, HIF-1A AND GLUT-1 IN HASHIMOTO'S THYROIDITIS

Hepp Michael¹, Joris Virginie², Werion Alexis¹, de Ville de Goyet Christine¹, Chantal Daumerie³, Mourad Michel³, Marie-Christine Many¹, Julie Craps¹

¹Ss/Mede/Irec/Ucl, Bruxelles, Belgium

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12.30 – 12.45

HYPOXIA-DEPENDENT HIF-1 ACTIVATION IMPACTS ON TISSUE REMODELING IN GRAVES' ORBITOPATHY

Gina-Eva Görtz¹, Mareike Horstmann¹, Buena Delos Reyes¹, Joachim Fandrey², Anja Eckstein³, Utta Berchner-Pfannschmidt¹

¹University Hospital Essen, Essen, Germany

²University Hospital Essen, , Essen, Germany

³Universität Essen, Essen, Germany

12.45 – 13.00

ORBITAL FIBROBLASTS FROM A MURINE MODEL OF GRAVES' ORBITOPATHY SHOW A UNIQUE PHENOTYPE PROMOTING ADIPOGENESIS AND HYALURONAN SECRETION

Gina-Eva Görtz¹, Moshkelgosha Sajad¹, Christoph Jesenek¹, Mareike Horstmann¹, Banga Paul¹, Anja Eckstein², Uta Berchner-Pfannschmidt¹

¹University Hospital Essen, Essen, Germany

²Universität Essen, Essen, Germany

13.10 – 14.40

SYMPOSIA 5 & 6

Room 8+9+10+11

SYMPOSIUM 5 (TRANSLATIONAL): Genomic landscape of papillary thyroid cancer

Chairpersons: Ralf Paschke, Canada and Ulla Feldt-Rasmussen, Denmark

13.10 – 13.40 Molecular fingerprints in thyroid pathology

Barbara Jarzab, Poland

13.40 – 14.10 Linking the genomic atlas to pathology

Manuel Sobrinho Simões, Portugal

14.10 – 14.40 Potential clinical Implications of genomic insights

TH and sensory development

Rossella Elisei, Italy

Room 13+15

SYMPOSIUM 6 (BASIC): Thyroid Hormones (TH) and Development

Chairpersons: Veerle Darras, Belgium and Jens Mittag, Germany

13.10 – 13.40 TH and bone development

John Logan, United Kingdom

13.40 – 14.10 TH and brain development

Pieter Vancamp, Belgium

14.10 – 14.40 TH and sensory development

Douglas Forrest, USA

Room 8+9+10+11

14.40 – 15.00

PRIZE CEREMONY AND CLOSURE

Chairpersons:

Pilar Santisteban, Spain and Colin Dayan, United Kingdom