

Curriculum Vitae

Roberto Coppari, Ph.D.

Work Address: Department of Cellular Physiology and Metabolism, Faculty of Medicine,
The University of Geneva
Rue Michel Servet 1 1211 Genève 4 - Switzerland

Work Contacts: Tel. +41 (0)22 379 5539
E-mail: roberto.coppari@unige.ch

Date of birth: August 13, 1970

Place of birth: Verona, Italy

Nationality: Italian

Marital Status: Married

Children: 2

Languages: Italian (native language), English (fluent), Portuguese (good), and French (basic)

Education: December 21, 2002 - Ph.D. in Neuroscience
University of Marche, Ancona, Italy

March 13, 1997 - Bachelor Degree in Biology
University of Camerino, Camerino, Italy

Honors and Prizes: 1997 - Bachelor Degree in Biology *cum laude*
University of Camerino, Camerino, Italy

2014 - Foundation Gertrude von Meissner Research Prize
Faculty of Medicine, University of Geneva, Geneva, Switzerland

Professional Training and Positions:

2012-present **Associate Professor**
Department of Cellular Physiology and Metabolism, Faculty of Medicine,
The University of Geneva, Geneva, Switzerland

2012-present **External Member**
The Center for Epigenetics and Metabolism
University of California, Irvine, CA USA

2007-2012 **Assistant Professor**
Department of Internal Medicine, Division of Hypothalamic Research,
The University of Texas Southwestern Medical Center, Dallas, TX USA

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- 2005-2012 **Assistant Professor** (on a leave of absence from 2007 until 2012)
Department of Clinical and Experimental Medicine, Faculty of Medicine,
University of Marche, Ancona, Italy
- 2002-2005 **Post-doctoral Fellow**
Division of Endocrinology (P.I.: Dr. Bradford Lowell)
Beth Israel Deaconess Medical Center and
Harvard Medical School, Boston, MA USA
- 2000-2002 **Visiting Graduate Student**
Division of Endocrinology (P.I.: Dr. Bradford Lowell)
Beth Israel Deaconess Medical Center and
Harvard Medical School, Boston, MA USA
- 1999-2000 **Graduate Student**
Institute of Normal Human Morphology, Faculty of Medicine,
University of Marche, Ancona, Italy

Teaching and Committee Member Experiences:

- 2014-present Tutor: APP “Nutrition, Digestion et Metabolisme” course for Medical Doctor Degree Program,
Faculty of Medicine, The University of Geneva, Geneva, Switzerland (25 hours/year)
- 2013-present Tutor: “Chapitres Choisis” course for the Cellular and Molecular Biology Graduate Program,
Faculty of Medicine, The University of Geneva, Geneva, Switzerland (12 hours/year)
- 2013-present Committee Member on several Commissions established to evaluate performance of Faculty
Members at the Faculty of Medicine, University of Geneva, Geneva, Switzerland
- 2012-present Supervisor of several Post-doctoral and Graduate Students
Faculty of Medicine, The University of Geneva, Geneva, Switzerland
- 2009-2012 Co-Director (with Dr. Joel K. Elmquist) of the Course entitled “Neural Control of Homeostasis”
for the Neuroscience Graduate Program. This course was attended by 1st and 2nd year Graduate
Students. This course discusses neural circuitries governing body weight and glucose/insulin
balance, reproductive functions, circadian rhythms (including sleep/wake cycles), and metabolic
and behavioral adaptations to diverse stressors.
The University of Texas Southwestern Medical Center, Dallas, TX USA
- 2009-2012 One lecture per year for the “Molecular Basis of Metabolic Regulation” course attended by 1st
and 2nd year Graduate and MD/PhD Students.
The University of Texas Southwestern Medical Center, Dallas, TX USA
- 2008-2012 Faculty Member: Neuroscience Graduate Program
The University of Texas Southwestern Medical Center, Dallas, TX USA
a) Pre-Qualifying Proposals Referee
- 2008-2012 Faculty Member: Integrative Biology Graduate Program
The University of Texas Southwestern Medical Center, Dallas, TX USA
b) Graduate Student Supervisor

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- c) Dissertation Committee Chair
- d) Qualifying Exam Committee Member

- 2007-2012 Supervisor of Post-doctoral fellows and Graduate Students
The University of Texas Southwestern Medical Center, Dallas, TX USA
- 2007-2012 Director: Metabolic Research Seminars
Selected speakers are invited to give talks focused on physiological and/or pathological aspects of metabolic, circadian clock and cellular growth systems.
The University of Texas Southwestern Medical Center, Dallas, TX USA
- 2010 November 16: Lecture for Medical Student Training Program
The University of Texas Southwestern Medical Center, Dallas, TX USA
- 2005-2006 University Teacher: Histology and Anatomy
University of Marche, Ancona, Italy
- 2005-2006 Supervisor of Graduate and Undergraduate Students
University of Marche, Ancona, Italy
- 2002-2005 Supervisor of Research Assistants
Division of Endocrinology, Beth Israel Deaconess Medical Center and
Harvard Medical School, Boston, MA USA

Current Trainees:

Dr. **Giorgio Ramadori** obtained his Ph.D. from University of Camerino (Italy) in 2007 and was a Post-doctoral fellow in the Coppari's laboratory from 2008 until 2012.

Current Position: Since 2012, Dr. Ramadori is Maitre Assistant in the Coppari's laboratory.

Dr. **Xavier Brenachot** obtained his Ph.D. from the University of Burgundy, Dijon (France) in 2013.

Current Position: Since 2014, Dr. Brenachot is a Post-Doctoral Fellow in the Coppari's laboratory.

Ms. **Ebru Aras** obtained her Master of Science from the Middle East Technical University, Department of Biological Sciences, Ankara (Turkey) in 2012.

Current Position: Since 2014, Ms. Aras is a Graduate Student in the Coppari's laboratory.

Mr. **Rafael Maciel Ioris** obtained his Master degree in Biochemical Sciences from the Universidade Federal do Paraná (Brazil) in 2008.

Current Position: Since 2014, Mr. Ioris is a Graduate Student in the Coppari's laboratory.

Previous Trainees:

Dr. **Mirco Galie** was a senior Post-doctoral fellow in the Coppari laboratory from 2011 until 2014.

Current Position: Assistant Professor at the Faculty of Medicine of the University of Verona in Italy.

Dr. **Teppey Fujikawa** was a Post-doctoral fellow in the Coppari laboratory from 2008 until 2012.

Current Position: Instructor at University of Texas Southwestern Medical Center, Dallas, USA.

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Dr. **Jason Anderson** was a Graduate Student in the Coppari laboratory from 2008 until 2012. In 2013, Jason successfully defended his Ph.D. thesis at The University of Texas Southwestern Medical Center, Dallas, USA.
Current Position: Clinical research coordinator at Dallas VA Medical center, Dallas, TX, USA.

Research Activities:

The main aims of the Coppari's laboratory are:

- Identifying neuron-types and molecules underlying normal metabolic homeostasis;
- Identifying neuron-types and molecules protecting against diet-induced metabolic imbalance;
- Identifying neuron-types and molecules permitting life without insulin;
- Exploiting effect of dietary interventions to unveil cancer vulnerabilities.

Original peer-reviewed reports:

Impact Factor (Total) = 489.2

Number of papers = 41

H Index (Scopus) = 28

Citations (Scopus) = 3984

1.

Ramadori G, Konstantinidou G, Venkateswaran N, Biscotti T, Morlock L, Galié M, Williams NS, Luchetti M, Santinelli A, Scaglioni PP*, **Coppari R***

Diet-induced unresolved ER-stress hinders KRAS-driven lung tumorigenesis

Cell Metabolism 2014; <http://dx.doi.org/10.1016/j.cmet.2014.11.020>

Impact Factor: 16.747

* = Corresponding authors

2.

Fujikawa T, Berglund ED, Patel VR, Ramadori G, Vianna CR, Vong L, Thorel F, Chera S, Herrera PL, Lowell BB, Elmquist JK, Baldi P, **Coppari R***

Leptin engages a hypothalamic neurocircuitry to permit survival in the absence of insulin

Cell Metabolism 2013; September; 18(3):431-44.

Impact Factor: 16.747

* = Corresponding author

3.

Marino JS, Iler J, Dowling AR, Chua S, Bruning JC, **Coppari R**, Hill JH

Adipocyte Dysfunction in a Mouse Model of Polycystic Ovary Syndrome (PCOS): Evidence of Adipocyte Hypertrophy and Tissue-Specific Inflammation

PLOS ONE 2012; October; 7(10):e48643

Impact Factor: 3.534

4.

Price NL, Gomes AP, Ling AJ, Duarte F; Martin-Montalvo A, North BJ, Agarwall B, Ye L, Ramadori G, Teodor J, Hubbard BP, Varela A, Davis JG, Varamini B, Hafner A, Moaddel R, Rolo AP, **Coppari R**, Palmeira CP, deCabo R, Baur JA, Sinclair D

SIRT1 is required for AMPK activation and the beneficial effects of resveratrol on mitochondrial function

Cell Metabolism 2012; May; 15(5):675-90

Impact Factor: 16.747

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5.

Berglund ED, Vianna CR, Donato J, Kim MH, Chang JC, Lee CE, Lauzon DA, Llin P, Brule LJ, Scott MM, **Coppari R**, Elmquist JK

Direct leptin action on POMC neurons regulates hepatic insulin sensitivity in mice

Journal of Clinical Investigation; 2012; March 1;122(3):1000-9.

Impact Factor: 13.765

6.

Ramadori G, Fujikawa T, Anderson J, Berglund ED, Frazao R, Michan S, Vianna CR, Sinclair DA, Elias CF, **Coppari R***

SIRT1 deacetylase in SF1 neurons protects against metabolic imbalance

Cell Metabolism 2011; September; 14:301-312.

Impact Factor: 16.747

* = Corresponding author

7.

Donato J, Cravo R, Frazao R, Gautron L, Scott M, Lachey J, Castro I, Margatho L, Lee S, Lee C, Richardson J, Friedman J, Chua S, **Coppari R**, Zigman J, Elmquist JK, Elias C

Leptin's effect on puberty in mice is relayed by the ventral premammillary nucleus and does not require signaling in Kiss1 neurons

Journal of Clinical Investigation; 2011 Jan 4;121(1):355-68.

Impact Factor: 13.765

8.

Fujikawa T, Jen-Chieh Chuang, Ichiro Sakata, Ramadori G, **Coppari R***

Leptin therapy improves insulin-deficient type 1 diabetes by CNS-dependent mechanisms in mice

PNAS 2010 (Direct Submission); October;107(40):17391-6.

Impact Factor: 9.809

* = Corresponding author

9.

Ramadori G, Fujikawa T, Fukuda M, Anderson J, Morgan DA, Mostoslavsky R, Stuart RC, Perello M, Vianna CR, Nillni EA, Rahmouni K, **Coppari R***

SIRT1 deacetylase in POMC neurons is required for homeostatic defenses against diet-induced obesity

Cell Metabolism 2010; July;12:78-87.

Impact Factor: 16.747

* = Corresponding author

10.

Hill JW, Elias CF, Fukuda M, Williams KW, Berglund ED, Holland WL, Cho YR, Chuang JC, Xu Y, Choi M, Lauzon D, Lee CE, **Coppari R**, et al.

Direct Insulin and Leptin Action in Pro-opiomelanocortin Neurons is Required for Normal Glucose Homeostasis and Fertility

Cell Metabolism 2010; Apr 7;11(4):286-97.

Impact Factor: 16.747

11.

Ramadori G, Gautron L, Fujikawa T, Vianna CR, Elmquist JK, **Coppari R***

Central administration of resveratrol improves diet-induced diabetes

Endocrinology 2009; Dec; 150(12):5326-33.

Impact Factor: 4.644

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* = Corresponding author

12.

Hill JW, Xu Y, Preitner F, Cho YR, Luo J, Balthasar N, **Coppari R**, Cantley LC, Kahn BB, Zhao JJ, Elmquist JK
PI3K signaling in hypothalamic POMC neurons contributes to the regulation of glucose homeostasis

Endocrinology 2009; Nov; 150(11):4874-82.

Impact Factor: 4.644

13.

Sakata I, Nakano Y, Osborne-Lawrence S, Rovinsky SA, Lee CE, Perello M, Anderson J, **Coppari R**, Xiao G, Lowell BB, Elmquist JK, Zigman JM

Characterization of a Novel Ghrelin Cell Reporter Mouse

Regulatory Peptides 2009; 155(1-3):91-8.

Impact Factor: 2.155

14.

van den Pol AN, Huang H, Fu LY, Foo K, Yao Y, **Coppari R**, Lowell BB, Broberger C

Neuromedin B and gastrin releasing peptide excite arcuate nucleus neuropeptide Y neurons in a novel transgenic mouse expressing strong renilla GFP in NPY neurons

Journal of Neuroscience 2009; 29(14):4622-39.

Impact Factor: 6.747

15.

Ramadori G, Lee CE, Bookout AL, Lee S, Williams KW, Anderson J, Elmquist JK, **Coppari R***

Brain SIRT1: Anatomical distribution and regulation by energy availability

Journal of Neuroscience 2008; 28(40):9989-9996.

* = Corresponding author

Impact Factor: 6.747

16.

Hill JW, Williams K, Ye CP, Luo J, Balthasar N, **Coppari R**, Cowley MA, Cantley LC, Lowell BB, Elmquist JK
Acute actions of leptin require PI3K signaling in hypothalamic POMC neurons

Journal of Clinical Investigation 2008; 118:1796-1805.

Impact Factor: 13.765

17.

van de Wall E, Leshan R, Xu AU, Balthasar N, **Coppari R**, Liu SM, Jo YH, MacKenzie RG, Allison DB, Dun N, Elmquist JK, Lowell BB, Barsh G, de Luca C. Myers, Jr. M, Schwartz GJ, Chua, JSC

Collective and individual functions of leptin receptor modulated neurons controlling metabolism and ingestion

Endocrinology 2008; 149(4):1773-85.

Impact Factor: 4.644

18.

Coppari R*, Parton LE*, Ye CP*, Enriori PJ*, Choi B, Zang CY, Xu C, Vianna CR, Balthasar N, Lee CE, Elmquist JK, Cowley MA, Lowell BB

Glucose-sensing by POMC neurons regulates glucose homeostasis and is impaired in obesity

Nature 2007; 449:228-32.

* = First authors

Impact Factor: 40.783

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19.

Lazarus M, Yoshida K, **Coppari R**, Bass C, Mochizuki T, Lowell BB, Saper CB
EP3 Prostaglandin Receptors in the Median Preoptic Nucleus Are Critical for Fever Responses
Nature Neuroscience 2007; 10:1131-1133.
Impact Factor: 16.273

20.

McHugh TJ, Jones MW, Quinn JJ, Balthasar N, **Coppari R**, Elmquist JK, Lowell BB, Fanselow MS, Wilson MA, Tonegawa S
Dentate Gyrus NMDA Receptors Mediate Rapid Pattern Separation in the Hippocampal Network
Science 2007; 317:94-99.
Impact Factor: 31.477

21.

Vianna CR, Huntgeburth M, **Coppari R**, Choi C, Lin J, Krauss S, Barbatelli G, Tzamelis I, Kim YB, Cinti S, Shulman GI, Spiegelman BM, Lowell BB
Hypomorphic Mutation in *PGC1 β* causes mitochondrial dysfunction and liver insulin resistance
Cell Metabolism 2006; 4:453-464.
Impact Factor: 16.747

22.

Kievit P, Howard JK, Balthasar N, **Coppari R**, Mori H, Lee CE, Elmquist JK, Yoshimura A, Flier JS
Enhanced leptin sensitivity and improved glucose homeostasis in mice lacking suppressor of cytokine signaling-3 in POMC neurons
Cell Metabolism 2006; 4:123-132.
Impact Factor: 16.747

23.

Plum L, Ma X, Hampel B, Balthasar N, **Coppari R**, Munzberg H, Shanabrough M, et al.
Enhanced PIP3 signaling in POMC neurons causes neuronal silencing via KATP-channel activation and leads to diet-sensitive obesity
Journal of Clinical Investigation 2006; 116:1886-1901.
Impact Factor: 13.765

24.

Dhillon H, Zigman JM, Ye CP, Lee CE, McGovern RA, Tang V, Kenny CD, Christiansen L M, White RD, Edelman EA, **Coppari R**, et al.
Leptin directly activates SF1 neurons in the ventromedial hypothalamus and this action by leptin is required for normal body weight homeostasis
Neuron 2006; 49:191-203.
Impact Factor: 15.982

25.

Zigman JM, Yoshihide N, **Coppari R**, Balthasar N, Marcus JN, Lee CE, et al.
Mice lacking ghrelin receptors resist the development of diet-induced obesity
Journal of Clinical Investigation 2005; 115:3564-72.
Impact Factor: 13.765

26.

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Mazzocca A, **Coppari R**, De Franco R, Cho JY, Liberman T A, Pinzani M, Toker A.
A secreted form of ADAM9 promotes carcinoma invasion through tumor-stromal interactions.
Cancer Research 2005; 65:4728-38.
Impact Factor: 9.284

27.

Coppari R*, Ichinose M*, Lee CE, Pullen AE, Kenny CD, McGovern RA, Tang V, Liu SM, Ludwig T, Chua JSC, Lowell BB, Elmquist JK
The hypothalamic arcuate nucleus: a key site for mediating leptin's effects on glucose homeostasis and locomotor activity
Cell Metabolism 2005; 1:63-72.
Impact Factor: 16.747
* = First authors

28.

Coppari R*, Balthasar N*, McMinn J, Liu SM, Lee CE, Tang V, Kenny CD, McGovern RA, Chua JSC, Elmquist JK, Lowell BB
Leptin receptor signaling in POMC neurons is required for normal body weight homeostasis
Neuron 2004; 42:983-91.
Impact Factor: 15.982
* = First authors

29.

Giordano A, **Coppari R**, Castellucci M, Cinti S
Sema3a is produced by brown adipocytes and its secretion is reduced following cold acclimation
Journal of Neurocytology 2001; 30:5-10.
Impact Factor: 3.25

30.

Marzioni D, Crescimanno C, Zaccheo D, **Coppari R**, Underhill CB, Castellucci M
Hyaluronate and CD44 expression patterns in the human placenta throughout pregnancy
European Journal of Histochemistry 2001; 45:131-40.
Impact Factor: 2.237

31.

Amici A, Smorlesi A, Noce G, Santoni G, Cappelletti P, Capparuccia L, **Coppari R**, Lucciarini R, Petrelli C, Provinciali M
DNA vaccination with full-length or truncated neu induces protective immunity against the development of spontaneous mammary tumors in HER-2/neu transgenic mice
Gene Therapy 2000; 7:703-6.
Impact Factor: 4.196

Reviews/Commentaries/Perspectives:

1.

Coppari R*
Hypothalamic neurons governing glucose homeostasis
Journal of Neuroendocrinology, in press
Impact Factor: 3.507
* = Corresponding author

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2.

Fujikawa T* and **Coppari R***

Hypothalamic-mediated control of glucose balance in the presence and absence of insulin

Aging 2014; February; 6 (2): 92-7

* = Corresponding authors

3.

Coppari R* and Bjørbæk C*

Leptin revisited: its mechanism of action and potential for treating diabetes

Nature Reviews Drug Discovery; 2012; Aug 31;11(9):692-708.

Impact Factor: 37.231

* = Corresponding authors

4.

Coppari R*

Metabolic Actions of Hypothalamic SIRT1

Trends in Endocrinology and Metabolism 2012; Apr;23(4):179-85.

Impact Factor: 8.868

* = Corresponding author

5.

Ramadori G and **Coppari R***

Does hypothalamic SIRT1 regulate aging?

Aging 2011; March; 3(3): 325-8.

* = Corresponding author

6.

Vianna CR and **Coppari R***

A treasure trove of hypothalamic neurocircuitries governing energy homeostasis

Endocrinology 2011; Jan;152(1):11-8.

Impact Factor: 4.644

* = Corresponding author

7.

Ramadori G and **Coppari R***

Pharmacological Manipulations of CNS Sirtuins: Potential Effects on Metabolic Homeostasis

Pharmacological Research 2010; 62(1):48-54.

Impact Factor: 3.976

* = Corresponding author

8.

Coppari R*, Ramadori G, Elmquist JK

The role of transcriptional regulators in central control of appetite and body weight

Nature Reviews Endocrinology 2009; 5:160-166.

Impact Factor: 12.958

* = Corresponding author

9.

Williams KW, **Coppari R**, Elmquist JK

“AMPing up” our understanding on the hypothalamic control of energy balance

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Journal of Clinical Investigation 2007; 117:2089-2092.
Impact Factor: 13.765

10.

Elmquist JK, **Coppari R**, Balthasar N, Ichinose M, Lowell BB
Identifying hypothalamic pathways controlling food intake, body weight, and glucose homeostasis
Journal of Comparative Neurology 2005; 493:63-71.
Impact Factor: 3.508

Book's chapters:

1.

Coppari R and Elmquist JK
Neuroendocrine control of energy balance (central circuits/mechanisms)
Encyclopaedia of Neuroscience, 2009; 6:327-332.
Larry R. Squire, Editor-in-Chief, Academic Press, Oxford

Organization of International/National Conferences:

2014 Oct. 28 **1st UNIGE Diabetes Workshop**, University of Geneva, Switzerland (**Organizer & Moderator**)

Invited Lectures/Seminars:

2014 Nov. 14 Foundation Gertrude von Meissner Research Prize, University of Geneva, Switzerland
2014 Oct. 28 **1st UNIGE Diabetes Workshop**, University of Geneva, Switzerland
2014 Aug. 18 **8th International Congress of Neuroendocrinology**, Sydney, Australia
2014 June 23 **2nd PHYM Day Symposium**, University of Geneva, Switzerland
2014 June 13 **American Diabetes Association 74th Scientific Sessions**, San Francisco, CA, USA
2014 May 13 GEDEV Invited Speaker, University of Geneva, Switzerland
2014 May 8 HUG Endocrinology Clinical Conferences, University of Geneva, Switzerland
2013 Nov. 11 Research Highlights, Faculty of Medicine, the University of Geneva, Geneva, Switzerland
2013 Sept. 9 **Brazilian Society of Physiology XLVIII Annual Meeting**, Ribeirao Preto, Sao Paulo, Brazil
2013 April 5 Department of Molecular Biotechnology and Health Sciences, University of Turin, Turin, Italy
2013 Mar. 27 Department of Cellular Physiology and Metabolism, University of Geneva, Switzerland
2013 Mar. 21 **Keystone Symposia: Neuronal Control of Appetite, Metabolism and Weight**, Banff, Canada
2012 Dec. 12 Department of Physiology, School of Medicine, University of Sao Paulo, Ribeirao Preto, Brazil
2012 Dec. 10 Department of Physiology and Biophysics, University of Sao Paulo, Sao Paulo, Brazil
2012 Oct. 10 Reata Pharmaceuticals, Irvine, TX, USA
2012 July 26 Department of Biological Chemistry, University of California Irvine, CA, USA
2011 Nov. 2 Obesity Outreach Lectures, UTSW Medical Center, Dallas, TX, USA
2011 Sept. 26 Contest for an Associate Professorship position at the Faculty of Medicine of the University of Geneva, Geneva, Switzerland
2011 Mar. 24 Department of Pharmacology, University of California Irvine, CA, USA
2011 Jan. 20 Obesity Alliance Lectures, UTSW Medical Center, Dallas, TX, USA
2010 Nov. 24 Massachusetts General Hospital Cancer Center Seminar Series, Harvard Medical School, Boston, MA, USA
2010 Nov. 16 MD/PhD Training Program Seminar Series, UTSW Medical Center, Dallas, TX, USA
2010 July 10 Satellite Symposium of International Conference on Obesity, Stockholm, Sweden
2010 June 26 **American Diabetes Association 70th Scientific Sessions**, Orlando, FL, USA
2010 Mar. 3 Endocrine Grand Rounds, UTSW Medical Center, Dallas, TX, USA
2010 Jan. 28 Obesity Alliance Lectures, UTSW Medical Center, Dallas, TX, USA

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2009 Oct. 1 Endocrinology/Diabetes/Nutrition/Renal Diseases Axis Research Seminar Series, McGill University, Montreal, Canada
2009 Sept. 29 Metabolic Research Seminars, UTSW Medical Center, Dallas, TX, USA
2009 Sept. 14 Department of Pharmacology, University of California Irvine, CA, USA
2009 June 11 **Endocrine Society 91st Annual Meeting**, Washington D.C., USA
2009 April 27 **Molecular Biology of Sirtuins**, Cold Spring Harbor Laboratory, NY, USA
2009 April 9 Obesity Alliance Lectures, UTSW Medical Center, Dallas, TX, USA
2008 Nov. 25 Metabolic Research Seminars, UTSW Medical Center, Dallas, TX, USA
2008 May 21 Italian Society for Obesity, IV National Congress, University of Florence, Italy
2008 Feb. 12 Internal Med. Department Conference, UTSW Medical Center, Dallas, TX, USA
2008 Jan. 29 Metabolic Research Seminars, UTSW Medical Center, Dallas, TX, USA
2008 Jan. 24 Endocrine Grand Rounds, Baylor College of Medicine, Houston, TX, USA
2007 June 4 Obesity Alliance Lectures, UTSW Medical Center, Dallas, TX, USA
2006 June 14 Italian Society for Obesity, III National Congress, University of Milan, Italy
2006 May 23 Taskforce for Obesity Research, UTSW Medical Center, Dallas, TX, USA

Research Funds:

Active:

2014-2018 **Role: Principal Investigator**
Grant type: ERC Consolidator Grant (grant number 614847)
Title: “Metabolic actions of brain leptin receptors signaling in type 1 diabetes”
Funding agency: European Commission
Amount: 1,999,500.00 EUR (Total)

2012-2016 **Role: Researcher**
Grant type: Marie Curie Career Integration Grant (grant number 320898)
Title: “Unraveling the mechanism underlying the anti-diabetic action of leptin”
Funding agency: European Commission
Amount: 100,000.00 EUR (Total)

2013-2016 **Role: Principal Investigator**
Grant type: Project Funding (grant number 310030_146533/1)
Title: “Energy Intake, SIRT6 & Cancer”
Funding agency: Swiss National Science Foundation
Amount: 440,920.00 CHF (Total)

2015 **Role: Principal Investigator**
Grant type: Research Prize
Title: “Towards Identifying Novel Molecular Targets for Improving Type 1 Diabetes Mellitus”
Funding agency: Fondation Gertrude von Meissner
Amount: 70,000.00 CHF (Total)

2015 **Role: Principal Investigator**
Grant type: Project Funding
Title: “Development of glucose/insulin clamp platform”
Funding agency: Fondation Pour Recherches Medicales
Amount: 80,000.00 CHF (Total)

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Completed:

- 2014 **Role: Principal Investigator**
Grant type: Project Funding
Title: “Development of glucose/insulin clamp platform”
Funding agency: Fondation Pour Recherches Medicales
Amount: 100,000.00 CHF (Total)
- 2013-2014 **Role: Principal Investigator**
Grant type: Start-up funds
Funding agency: University of Geneva/Faculty of Medicine/The Louis-Jeantet Foundation
Amount: 300,000.00 CHF (Total)
- 2012-2016 **Role: Principal Investigator**
Grant type: RO1
Title: “Metabolic actions of brain leptin receptors signaling in type 1 diabetes”
Funding agency: National Institutes of Health - National Institute of Diabetes and Digestive and Kidney diseases (NIH-NIDDK) – USA.
Amount: 870,000 USD (Direct) + 511,488 USD (Indirect) = 1,381,488 USD (Total)
***Terminated on November 30 2012 due to relocation from US to Switzerland**
- 2009-2014 **Role: Principal Investigator**
Grant type: RO1
Title: “The Physiological Relevance of SIRT1 in Brain on Energy and Glucose Homeostasis”
Funding agency: National Institutes of Health - National Institute of Diabetes and Digestive and Kidney diseases (NIH-NIDDK) - USA
Amount: 1,132,500 USD (Direct) + 645,525 USD (Indirect) = 1,778,025 USD (Total)
***Terminated on November 30 2012 due to relocation from US to Switzerland**
- 2009-2012 **Role: Principal Investigator**
Grant type: Scientist Development Grant
Title: “The Physiological Relevance of SIRT1 in Brain on Body Energy Metabolism”
Funding agency: American Heart Association
Amount: 280,000 USD (Direct) + 28,000 USD (Indirect) = 308,000 USD (Total)
- 2011-2012 **Role: Mentor**
Grant type: Post-Doctoral Fellowship awarded to Dr. Teppei Fujikawa
Title: “Unraveling neurocircuitries mediating leptin's anti-type 1 diabetes actions”
Funding agency: Juvenile Diabetes Research Foundation
Amount: 97,928 USD (Total)
- 2009-2011 **Role: Mentor**
Grant type: Post-Doctoral Fellowship awarded to Dr. Giorgio Ramadori
Title: “Effects of enhanced SIRT1 in AgRP neurons in diet-induced obesity”
Funding agency: American Heart Association
Amount: 86,000 USD (Total)
- 2009-2010 **Role: Principal Investigator**
Grant type: Supplement to RO1

Roberto Coppari, Ph.D.

Title: “The Physiological Relevance of SIRT1 in Brain on Energy and Glucose Homeostasis”

Funding agency: National Institutes of Health - National Institute of Diabetes and Digestive and Kidney diseases (**NIH-NIDDK**) – USA

Amount: 99,442 USD (Total)

2007- 2010

Role: **Principal Investigator**

Grant type: Start-up funds

Funding agency: Department of Internal Medicine and the Division of Hypothalamic Research,

The University of Texas Southwestern Medical Center, Dallas, TX USA

Amount: 450,000 USD (Total)

2005-2007

Role: **Principal Investigator**

Grant type: Research Programs of National Interests (PRIN)

Title: “The Physiological Relevance of Glucose-Sensing in POMC neurons”

Funding agency: Italian Ministry of Education, University, and Research

Amount: 9,600 EUR (Total)

Editorial Board Member:

Endocrinology (January 1, 2013 - December 31, 2016)

Ad hoc Reviewer for the following Journals:

Aging Cell

Annals of Medicine

Annals of the New York Academy of Sciences

Cell Metabolism

Clinical Autonomic Research

Current Topics in Medicinal Chemistry

Diabetes

Diabetologia

EMBO Reports

Endocrinology

Endocrine Practice

Journal of Clinical Investigation

Journal of Neuroendocrinology

Journal of Neuroscience

Molecular Metabolism

Nature Cell Biology

Nature Communications

Neuroscience Letters

FASEB Journal

PLoS ONE

PNAS

Obesity

Trends in Endocrinology and Metabolism

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Ad hoc Reviewer for the following Institutions/Funding Agencies:

National Institutes of Health (NIH) - United States of America

Juvenile Diabetes Research Foundation - United States of America

United States Department of Agriculture - United States of America

Foundation for Prader-Willi Research - United States of America

Baltimore Diabetes Research and Training Center - United States of America

National Sciences and Engineering Research Council of Canada - Canada

Dutch Diabetes Research Foundation – The Netherlands

Biotechnology and Biological Sciences Research Council (BBSRC) - United Kingdom

Fund for Scientific Research (FNRS) - Belgium

Date prepared: December, 10th 2014