

STEFANIA SCHIAVONE MD, PhD

PERSONAL INFORMATIONS

Surname and Name	SCHIAVONE, Stefania
Birth date	March 3 rd 1980
Birth place	Napoli (Italy)
Nationality	Italian
Professional Address	Via Napoli, 20 71122 Foggia (FG), Italy
E-mail	stefania.schiavone@unifg.it
Professional Phone	+39 0881588052

EDUCATION

A.S. 1997-1998

Linguistic High School Diploma

Liceo Linguistico “Prez.mo Sanguè”, Bari, Italy

Final Mark: 60/60

October 31st 2006

Medicine and Surgery Licence

University of Foggia, Foggia, Italy

Thesis title: *“Role of nitric oxide in the central nervous system of an animal model of Alzheimer disease: an in vivo study ”*

Final Mark: 110/110 cum laude

February, 15th 2007

Professional Medicine and Surgery Practice Official Licence

University of Foggia, Foggia, Italy

Final mark: 270/270

March, 30th 2007

Official Inscription to “Albo dei Medici Chirurghi e degli Odontoiatri della Provincia di Foggia”

Foggia, Italy

Inscription number: 6173

February 16th 2011

PhD degree

Department of Physiology and Pharmacology, University of Rome “Sapienza”, Rome, Italy

Thesis title: *“Involvement of oxidative stress in the pathogenesis of schizophrenia: focus on NOX enzymes”*

March 31st 2011

Formation in animal experimentation certificate

Département des affaires régionales, de l'économie et de la santé (DARES)

Direction générale de la santé

Geneva, Switzerland

May 23th 2012

Certificate of Official Swiss Equivalence of the Italian Medicine and Surgery Licence and of the Professional Medicine and Surgery Practice Official Licence
Office fédéral de la Santé Publique-Commission des professions médicales MEBEKO-
Séction “formation universitaire”
Bern, Switzerland

November 12th 2012- October 22th 2013- October 30th 2014

Logbook of Psychiatry and Psychotherapy
c/o Department of Mental Health and Psychiatry
Geneva University Hospitals
Geneva, Switzerland

July 30th 2014

Official Certificate of « Droit de pratique - Autorisation à exercer la profession de médecin à titre dépendant dans le canton de Genève »
Direction générale de la Santé
Ginevra, Switzerland

July 9th 2016

Official Certificate of Advanced Course in Biostatistics for biomedical research and clinical practice
University of Foggia
Foggia, Italy

April 12th 2017

National Scientific Qualification for the academic position of Associate Professor in Pharmacology
(valid until April 12th 2023)

LANGUAGES

Italian: mother language

English: excellent linguistic skills (highly proficient in spoken and written English)

French: Council of Europe Framework level: C1 (BULATS-Business Language Testing Service certificate)

PAST PROFESSIONAL EXPERIENCES AS RESEARCHER

July 1st 2003- July 31st 2003

Research Stage c/o Institute for Pharmacological Research “Mario Negri”
Department of Intracerebral Microdialysis
Milan, Italy

July 1st 2004- August 13th 2004

Research Stage c/o Babraham Institute
Department of Cognitive and Behavioural Neuroscience
Cambridge, United Kingdom.

September 1st 2004- February 6th 2008

MD thesis preparation and scientific collaboration during the PhD program c/o
Laboratory of Pharmacology
Department of Biomedical Sciences
University of Foggia,
Foggia, Italy

November 01st 2007-October 31st 2010

PhD Program In Toxicology c/o Department of Physiology and Pharmacology
University of Rome "Sapienza"
Rome, Italy

February 9th 2008- May 31st 2009

PhD visiting student c/o Department of Pathology and Immunology
University of Geneva
Geneva, Switzerland

June 1st 2009-February 16th 2011

PhD student fellow c/o Department of Pathology and Immunology
University of Geneva
Geneva, Switzerland

February 17th 2011-August 31st 2012

Post-doc fellow c/o Department of Pathology and Immunology
University of Geneva
Geneva, Switzerland

November 1st 2013- September 30th 2014

Clinician in Lab Fellow c/o National Center for Competence in Research - Synapsy
(NCCR Synapsy) c/o University of Geneva
Department Neuroscience
University of Geneva
Geneva, Switzerland

January 12th 2015-September 15th 2015

Research Collaborator c/o Laboratory of Pharmacology
Department of Clinical and Experimental Medicine
University of Foggia
Foggia, Italy

September 16th 2015- September 15th 2018

Assistant Professor in Pharmacology (RTD A L. n. 240/2010 S.S.D. BIO/14
Farmacologia)
Department of Clinical and Experimental Medicine
University of Foggia
Foggia, Italy

PAST PROFESSIONAL EXPERIENCES AS CLINICIAN

June 1st 2006- January 31st 2008

Clinical Assistant c/o Diagnostic and Curative Psychiatric Unit
Department of Mental Health
Foggia University Hospitals
Foggia, Italy

November 1st 2006- November 30th 2006

Clinical Assistant c/o Unit of clinical immunology and allergology
Foggia University Hospitals
Foggia, Italy

December 1st 2006- December 31st 2006

Clinical Assistant c/o Unit of gynecology and obstetrics
Foggia University Hospitals
Foggia, Italy

January 1st 2007- January 31st 2007

Clinical Assistant c/o General practitioner c/o Studio Medico Dr. V.Lolatte,
Bovino (FG), Italy

September 1st 2012- October 31st 2014

Psychiatry and Psychotherapy Resident c/o Young Adult Psychiatry Unit
Department of Mental Health and Psychiatry
Geneva University Hospitals
Geneva, Switzerland

ACTUAL PROFESSIONAL POSITION

November 1st 2018- to date

Tenure-Track Assistant Professor in Pharmacology (RTD B L. n. 240/2010 S.S.D.
BIO/14 Farmacologia)
Department of Clinical and Experimental Medicine
University of Foggia
Foggia, Italy

RESPONSABILITIES AND PARTICIPATION TO SCIENTIFIC RESEARCH PROJECTS FUNDED BY QUALIFIED NATIONAL AND INTERNATIONAL INSTITUTIONS

- **Principal Investigator** of the research project "*Redox regulation and oxidative stress in the pathogenesis of psychosis: from animal models to human pathology*", SSD: BIO14 cod. X5ZIKJ9, "Intervento cofinanziato dal Fondo di Sviluppo e Coesione 2007-2013-APQ Ricerca Regione Puglia "Programma regionale a sostegno della specializzazione intelligente e della sostenibilità sociale ed ambientale-FutureInResearch", Regione Puglia-ARTI Agenzia Regionale per la Tecnologia e l'Innovazione (from September 16th 2015 to September 15th 2018)
- Unit coordinator** for the research project "*Identification of novel biomarkers associated to the development of bipolar disorder: relation to redox dysregulation, metabolic alterations and neuroinflammation*", Fondo per i Progetti di Ricerca di

Ateneo- Progetto di ricerca annuale - 2017, University of Foggia, Foggia, Italy (from March 12th 2018 to November 11th 2019)

-Unit coordinator for the research project *“Early life stress and psychopathology: unraveling the mechanisms of vulnerability and resilience”* PRIN: PROGETTI DI RICERCA DI RILEVANTE INTERESSE NAZIONALE-MIUR- Bando 2017 Prot. 2017AY8BP4 (funded on March 11th 2019, duration 36 months)

OTHER FINANCIAL SUPPORTS

-May 3rd 2016: Financial support for the open access fees for the scientific publication titled: *“The NADPH oxidase NOX2 as a novel biomarker for suicidality: evidence from human post mortem brain samples”*, University of Foggia, Foggia, Italy.

-May 30th 2016: Financial support for the open access fees for the scientific publication titled: *“A systematic review on medication errors”*, University of Foggia, Foggia, Italy.

-December 5th 2017: *“Fondo per il Finanziamento delle Attività Base di Ricerca (FFABR)”*, Ministry of Education, University and Research (MIUR), Italy.

RESEARCH SKILLS

- Realization and use of several animal models of neuropsychiatric diseases
- Stereotaxic microsurgery and intracerebral microdialysis in freely moving animals, applied to animal models of psychosis, depression, anxiety and neurodegeneration
- High Performance Liquid Chromatography (HPLC)
- Behavioural tests: novel object test, open field test, forced swimming test, elevated plus maze test, tail suspension test applied to animal models of psychosis, depression, anxiety and neurodegeneration
- Realization and use of several cellular lines (in particular primary neuron cellular lines)
- Qualitative and quantitative polymerase chain reaction (RT-PCR and Q-PCR), Western Blotting, Enzyme-linked immunosorbent assay (ELISA) on biological samples and tissues obtained from animal models of psychosis, depression, anxiety and neurodegeneration
- Immunohistochemistry on tissues and cells
- Oxidative stress measurement techniques in animal models of psychosis, depression, anxiety and neurodegeneration

CLINICAL SKILLS

- Diagnosis, therapy and follow-up of mental disorders
- Psychoanalytic psychotherapy

BIOETHIC SKILLS

- General Ethics in Medicine
- Ethics for patients' safety
- Good practice in medical prescription

- Good practice in clinical research
- Good practice in preclinical research

TEACHING ACTIVITIES

Academic year 2010-2011

Teaching of Pharmacology

“Corso di Laurea in Tecniche di radiologia medica, per immagini e radioterapia”

University of Foggia

Foggia, Italy

Academic years 2015-2016; 2016-2017; 2017-2018; 2018-2019; 2019-2020

Teaching of Pharmacology

“Corso di Laurea in Scienze e tecniche delle attività motorie preventive e adattate”

University of Foggia

Foggia, Italy

Academic year 2015-2016

Teaching of Pharmacology

“Corso di Laurea in Ostetricia”

University of Foggia

Foggia, Italy

Academic year 2016-2017

Teaching of Pharmacology and Emergency drugs

“Master in Medicina d’Urgenza e di Area Critica per Infermieri”

University of Foggia

Foggia, Italy

Academic years 2017-2018; 2018-2019; 2019-2020

Teaching of Pharmacology

“Corso di Laurea in Fisioterapia”

University of Foggia

Foggia, Italy

Academic year 2019-2020

Teaching of General Pharmacology

“Corso di Laurea in Tecniche di laboratorio biomedico”

University of Foggia

Foggia, Italy

Academic year 2019-2020

Teaching of Psychopharmacology

“Scuola di Specializzazione in Psichiatria”

University of Foggia

Foggia, Italy

ACTIVITIES OF SUPERVISOR/CO-SUPERVISOR OF GRADUATE/MASTER THESES

- Co-supervisor of the experimental graduate thesis in Pharmacology, titled *“Regolazione redox e disordini psichiatrici indotti da sostanze d’abuso: dai modelli animali alla patologia umana”*, CdL Magistrale a ciclo unico in Medicina e Chirurgia A.A. 2017-2018, Department of Medical and Surgical Sciences, University of Foggia (Candidate: Marcogiuseppe Pasqua, dissertation on March 28st 2018)
- Supervisor of the experimental graduate thesis in Pharmacology, titled *“L’adattamento dell’attività fisica in risposta all’utilizzo di farmaci del sistema nervoso centrale”*, CdL Magistrale in Scienze e Tecniche delle Attività Motorie Preventive e Adattate A.A. 2017-2018, Department of Clinical and Experimental Medicine, University of Foggia (Candidate: Matera Loredana, dissertation on July 19th 2018)
- Supervisor of the master thesis in Pharmacology, titled *“L’infermiere in emergenza territoriale e la somministrazione di farmaci salvavita”*, Master di I livello in Medicina d’Urgenza e di Area Critica per infermieri A.A. 2016-2017, Department of Medical and Surgical Sciences, University of Foggia (Candidate: Di Biccari Roberta, dissertation on December 12th 2018)
- Supervisor of the master thesis in Pharmacology, titled *“L’infermiere in emergenza territoriale e la somministrazione di farmaci salvavita”*, Master di I livello in Medicina d’Urgenza e di Area Critica per infermieri A.A. 2016-2017, Department of Medical and Surgical Sciences, University of Foggia (Candidate: Montrone Marco, dissertation on February 25th 2019)
- Supervisor of the master thesis in Pharmacology, titled *“L’approccio infermieristico nel sistema urgenza emergenza 118: analgesedazione del trauma cranico”* Master di I livello in Medicina d’Urgenza e di Area Critica per infermieri A.A. 2016-2017, Department of Medical and Surgical Sciences, University of Foggia (Candidate: Spinetti Lucia, dissertation on February 25th 2019)
- Supervisor of the graduate thesis in Pharmacology, titled *“La Menopausa: dall’approccio farmacologico ai benefici dell’attività fisica”*, CdL Magistrale in Scienze e Tecniche delle Attività Motorie Preventive e Adattate A.A. 2018-2019, Department of Clinical and Experimental Medicine, University of Foggia (Candidate: Galentino Adriana, dissertation on July 24th 2019)
- Co-supervisor of the graduate thesis in Pharmacology, titled *“Depressive-like phenotype evoked by lifelong nutritional omega-3 deficiency in female rats: crosstalk among kynurenine, immune system and amyloid beta oligomers”*, CdL Medicina e Chirurgia A.A. 2018-2019, Department of Medical and Surgical Sciences, University of Foggia (Candidate: Tupputi Salvatore, dissertation on October 29th 2019)
- Supervisor of the graduate thesis in Pharmacology, titled *“Asma Ed Attività Fisica, Come Far Convivere Due Realtà In Contrasto Tra Loro”*, CdL Magistrale in Scienze e Tecniche delle Attività Motorie Preventive e Adattate A.A. 2018-2019, Department of Clinical and Experimental Medicine, University of Foggia (Candidate: De Martino Salvatore, dissertation on November 21th 2019)
- Supervisor of the graduate thesis in Pharmacology, titled *“Il doping nel ciclismo: aspetti farmacologici delle sostanze e delle pratiche illecite”*, CdL Magistrale in Scienze e Tecniche delle Attività Motorie Preventive e Adattate A.A. 2018-2019, Department of Clinical and Experimental Medicine, University of Foggia (Candidate: Baldari Vincenzo, dissertation on November 21th 2019)
- Supervisor of the experimental graduate thesis in Pharmacology titled *“Esercizio fisico, sostanze d’abuso e genere: uno studio sperimentale”*, CdL Magistrale in Scienze e Tecniche delle Attività Motorie Preventive e Adattate A.A. 2019-2020,

Department of Clinical and Experimental Medicine, University of Foggia (Candidate: Russo Valeria, dissertation on April 23th 2020)
- Supervisor of the graduate thesis in Pharmacology titled “*CAMPIONI IN AFFARI-La Pratica Illecita del Doping nel Mondo del Nuoto*” CdL Magistrale in Scienze e Tecniche delle Attività Motorie Preventive e Adattate A.A. 2019-2020, Department of Clinical and Experimental Medicine, University of Foggia (Candidate: Di Liddo Elena, dissertation on April 23th 2020).

MOBILITY FOR TRAINING ACTIVITIES

September 10th-September 12th 2019: Erasmus Plus Staff Mobility for Training c/o Department of Clinical and Pharmaceutical Sciences Centre for Health Services and Clinical Research Psychopharmacology, Drug Misuse and Novel Psychoactive Substances Unit School of Life and Medical Sciences University of Hertfordshire, Hatfield, Hertfordshire United Kingdom

AWARDS

June 26th 2007: “Borsa di studio alla memoria del Dott. Salvatore Franzese, II Edizione”, Rotary Club Foggia Capitanata, Foggia, Italy

September 25th 2008: Best poster presentation during “XII Seminario Nazionale per Dottorandi in Farmacologia e Scienze Affini, Certosa di Pontignano, Siena, Italy” from Italian Society of Pharmacology

July 30th 2008: “Borsa SIF per soggiorni di studio all'estero”, Italian Society of Pharmacology

June 18th 2010: “Premio Farindustria per la ricerca farmacologica”, Farindustria and Italian Society of Pharmacology

February 18th 2018: “IRPF-PSE 2018 prize in the field of Central Nervous System”- The Phytochemical Society of Europe and Institut de Recherche Pierre Fabre

INSCRIPTION TO SCIENTIFIC SOCIETIES

From 2008-to date: Member of the Italian Society of Pharmacology

From 2019-to date: Member of the Italian Society for Neuroscience

SCIENTIFIC JOURNAL EDITORIAL BOARD MEMBERSHIP

From June 7th 2016-to date: Member of the Editorial Board of the Journal “Frontiers in Psychiatry- Section Molecular Psychiatry” in quality of Reviewer Editor

From November 15th 2019-to date: Member of the Editorial Board of the Journal “Frontiers in Psychiatry- Section Psychopharmacology” in quality of Reviewer Editor

From April 27th 2020-to date: Member of the Editorial Board of “Frontiers in Neuroscience- Section Neurodegeneration” in quality of Reviewer Editor

CONFERENCES AS INVITED SPEAKER

1. Schiavone S, Krause KH and Trabace L
SOCIAL ISOLATION AS AN ANIMAL MODEL FOR PSYCHIATRIC DISORDERS:
NEUROCHEMICAL, METABOLIC ALTERATIONS AND RELATION TO OXIDATIVE STRESS
DSBP Aarhus Symposium 2008, Danish Society for Biological Psychiatry, Aarhus
University
Hospital, Risskov-Aarhus, Denmark, September 12th 2008

2. Schiavone S
NOX ENZYMES AND PSYCHOSIS: FROM ANIMAL MODELS TO HUMAN PATHOLOGY
Gordon Research Conference - NOX Family NADPH Oxidases
NOX Biology and its Translation to Human Disease and Therapy
June 3-8, 2012
Waterville Valley Resort Waterville Valley, NH, USA

3. Schiavone S
REDOX DYSREGULATION IN PSYCHIATRIC DISORDERS: NEW BIOMARKERS IN ANIMAL
MODELS AND HUMAN PATHOLOGY
37° Congresso Nazionale della Società Italiana di Farmacologia
October 27-30 2015
Napoli, Italy

4. Schiavone S, Trabace L
DETRIMENTAL AND BENEFICIAL EFFECTS OF REACTIVE OXYGEN SPECIES IN
PSYCHIATRIC DISORDERS: TOWARD NOVEL PHARMACOLOGICAL TARGETS
6th Conference of the Mediterranean Neuroscience Society
Radisson Blu Resort
St Julian's, Malta
June 12 - 15, 2017

5. Schiavone S, Trabace L
EARLY BLOOD BRAIN BARRIER DYSFUNCTIONS IN THE SOCIAL ISOLATION RAT MODEL
OF PSYCHOSIS: RELATION TO NOX-DERIVED OXIDATIVE STRESS
38° Congresso Nazionale della Società Italiana di Farmacologia
FARMACI, SALUTE E QUALITÀ DELLA VITA
Rimini, 25-28 Ottobre 2017

6. Schiavone S, Trabace L
EFFECTS OF CELASTROL ON THE ONSET AND PROGRESSION OF NEUROPATHOLOGICAL
ALTERATIONS IN A PERINATAL ANIMAL MODEL OF PSYCHOSIS
2018 International Young Scientists PSE Conference on Advances in Phytochemical
Analysis (Trends in Natural Products Research)
Liverpool, United Kingdom
July 2-5, 2018

CONFERENCES AS SELECTED ORAL PRESENTATION

1. Schiavone S, Cuomo V, Trabace L and Krause KH.

INVOLVEMENT OF THE NADPH OXIDASE NOX2 IN THE DEVELOPMENT OF BEHAVIORAL AND PATHOLOGICAL ALTERATIONS IN ISOLATED RATS

34° Congresso Nazionale della Società Italiana di Farmacologia

OCTOBER 14-17 2009

Rimini, Italy

2. Schiavone S, Jaquet V, Dubois-Dauphin M, Sorce S, Trabace L and Krause KH
L'AUGMENTATION PRÉCOCE DE NOX2 DANS LE NUCLEUS ACCUMBENS ET DANS LE CORTEX DÉTERMINE LES ALTÉRATIONS INDUITES PAR L'ISOLEMENT SOCIAL CHEZ LES RATS.

7ème CLUB OXYDASE : « Les NADPH oxydases Nox-Duox : du moléculaire au cellulaire »

26-27 Mai 2011

Grenoble, France

3. Schiavone S, Trabace L

Brain oxidative stress and suicide: identification of the NADPH oxidase NOX2 as a novel biomarker.

The Stressed Brain: Psychopathologic Implications and Pharmacological Intervention
SIF March 3-4 2016

Milano, Italy

4. Schiavone S, Trabace L

Brain oxidative stress in suicidality and other-directed aggressivity: identification of the NADPH oxidase NOX2 as a novel biomarker

17th International Conference on Oxidative Stress Reduction, Redox Homeostasis and Antioxidants

June, 13-15 2016

Paris, France

5. Schiavone S, Trabace L

Early disruption of blood brain barrier integrity and NADPH oxidase-derived oxidative stress: evidence in a rat model of psychosocial stress

Joint Franco-Swiss-Italian multinational meeting on blood-brain interfaces

October, 24-26 2016

Lyon, France

6. Schiavone S, Trabace L

EFFECTS OF PHARMACOLOGICAL NOX-INHIBITION ON NEUROPATHOLOGICAL ALTERATIONS INDUCED BY KETAMINE ADMINISTRATION IN EARLY POSTNATAL LIFE

Perinatal Origins of Neuropsychiatric Disorders: from molecular mechanisms to therapeutic perspectives

May 29-31 2019 Palermo, Italy

7. Schiavone S, Morgese MG, Dimonte S, Tucci P, Trabace L

IMPACT OF NADPH OXIDASE INHIBITION ON KETAMINE-INDUCED DYSFUNCTIONS: PRECLINICAL FINDINGS

39° Congresso Nazionale della Società Italiana di Farmacologia

November 20-23 2020, Firenze, Italy

SYMPOSIA ORGANIZATION

Organizer of the Symposium titled “PSYCHOACTIVE COMPOUND-INDUCED NEUROPSYCHIATRIC DISORDERS: FROM MOLECULAR PATHWAYS TO NOVEL PHARMACOLOGICAL OPPORTUNITIES”

39° Congresso Nazionale della Società Italiana di Farmacologia
November 20-23 2020, Firenze, Italy

NATIONAL AND INTERNATIONAL SEMINARS

1. Schiavone S

STRESS OSSIDATIVO E PSICOSI: RUOLO DEGLI ENZIMI NOX IN MODELLI ANIMALI E NELLA PATOLOGIA UMANA

Interdepartmental seminars

November 25th 2015

University of Foggia

Foggia, Italy

2. Schiavone S

BENEFICIAL AND DETRIMENTAL EFFECTS OF REACTIVE OXYGEN SPECIES IN NEUROPSYCHIATRIC DISORDERS: FROM PRECLINICAL STUDIES TO HUMAN EVIDENCE

Interdepartmental seminars

October 11th 2017

University of Foggia

Foggia, Italy

3. Schiavone S

REDOX IMBALANCE AND DRUG-INDUCED PSYCHIATRIC DISORDERS: FROM RODENT MODELS TO HUMAN PATHOLOGY

February 9th 2018

University of Groningen

Groningen, The Netherlands

(Invited speaker)

OTHER CONFERENCES (Poster presentations or Co-Author)

1. Morgese MG, **Schiavone S**, Romanelli L, Cassano T, Cuomo V and Trabace L
INFLUENCE OF NITRIC OXIDE ON CORTICAL DOPAMINERGIC SYSTEM IN AN ANIMAL MODEL OF ALZHEIMER'S DISEASE: AN IN VIVO STUDY

32° Congresso Nazionale della Società Italiana di Farmacologia

June 01-04 2005

Napoli, Italy

2. Trabace L, Colaianna M, Castrignanò S, De Giorgi A, **Schiavone S** and Cuomo V
9th INTERNATIONAL GENEVA/SPRINGFIELD SYMPOSIUM ON ADVANCES IN ALZHEIMER THERAPY

April 19-22, 2006

Geneva, Switzerland

3. **Schiavone S**, Lanni C, Cuomo V, Trabace L and Govoni S

NITRIC OXIDE AND DOPAMINERGIC SYSTEM: NEUROCHEMICAL INTERACTIONS IN β -AMYLOID INJECTED RATS

33° Congresso Nazionale della Società Italiana di Farmacologia

June 6-9 2007

Cagliari, Italy

4. **Schiavone S**, Castrignanò S, Colaianna M, De Giorgi A, Zotti M and Trabace L
INTERACTIONS BETWEEN NITRIC OXIDE AND DOPAMINERGIC SYSTEM:
NEUROCHEMICAL AND IMMUNOHISTOCHEMICAL ASPECTS IN BETA-AMYLOID TREATED
RATS

11th ITINAD ANNUAL MEETING

October 4-6 2007

Olbia, Italy

5. Mura E, Govoni S, Marchi M, Grilli M, Trabace L, **Schiavone S**, Frattini P and
Preda S

SELECTIVE NEUROMODULATORY ACTION OF BETA-AMYLOID IN DIFFERENT BRAIN
AREAS

SFSN 2008

6. **Schiavone S**, Sorce S, Dubois-Dauphin M, Trabace L and Krause KH
SOCIAL ISOLATION ALTERS NOX EXPRESSION IN RAT CENTRAL NERVOUS SYSTEM
NOX GRC 2008

1-06/06/08

Colby-Sawyer College New London, NH United States

7. Sorce S, **Schiavone S**, Jacquet V, Julien S, Trabace L, Dubois-Dauphin M and
Krause KH

EXPRESSION OF NOX ENZYMES IN NEURONAL CELLS AND POSSIBLE INVOLVEMENT IN
NMDA RECEPTOR SIGNALING

NOX GRC 2008

1-06/06/08

Colby-Sawyer College New London, NH United States

8. **Schiavone S**

SOCIAL ISOLATION ALTERS NOX EXPRESSION IN RAT CENTRAL NERVOUS SYSTEM
XII Seminario nazionale per dottorandi in farmacologia e scienze affini

September 22-25 2008

Certosa di Pontignano, Siena, Italy

9. Mura E, Govoni S, Marchi M, Grilli M, Trabace L, **Schiavone S**, Giudici D, Frattini
P and Preda S

SELECTIVE NEUROMODULATORY ACTION OF BETA-AMYLOID IN DIFFERENT BRAIN
AREAS

Neuroscience 2008

15-19 November 2008

Washington, DC

10. **Schiavone S**, Sorce S, Dubois-Dauphin M, Jaquet V, Colaianna M, Cuomo V,
Trabace L, Krause KH

ROLE DE NOX2 DANS LA PATHOLOGIE ET LE COMPORTEMENT DANS UN MODELE
D'ISOLEMENT SOCIAL CHEZ LE RAT.

6ème CLUB OXYDASE "LES NADPH OXYDASES NOX, DUOX: rôles physiologiques et
physiopathologiques".

28-29 Mai 2009

Paris, France

11. Sorce S, **Schiavone S**, Tucci P, Colaianna M, Jaquet V, Dubois-Dauphin M, Trabace L, Krause KH
L'ABSENCE DE NOX2 PREVIENT LA PSYCHOSE INDUITE PAR LA KETAMINE.
6ème CLUB OXYDASE "LES NADPH OXYDASES NOX, DUOX: rôles physiologiques et physiopathologiques.
28-29 Mai 2009.
Paris, France

12. Sorce S, **Schiavone S**, Krause KH
LES NADPH DANS LE SYSTÈME NERVEUX CENTRAL
6ème CLUB OXYDASE "LES NADPH OXYDASES NOX, DUOX: rôles physiologiques et physiopathologiques.
28-29 Mai 2009.
Paris, France

13. Sorce S, **Schiavone S**, Tucci P, Dubois-Dauphin M, Trabace L and Krause KH
NOX2-DEFICIENCY PREVENTS KETAMINE-INDUCED BEHAVIOURAL AND BIOCHEMICAL ALTERATIONS IN MICE
34° Congresso Nazionale della Società Italiana di Farmacologia
October 14-17 2009
Rimini, Italy

14. **Schiavone S**, Sorce S, Colaianna M, Zotti M, Trabace L and Krause KH
INVOLVEMENT OF THE NADPH OXIDASE NOX2 IN THE DEVELOPMENT OF BEHAVIORAL AND PATHOLOGICAL ALTERATIONS IN ISOLATED RATS
The 15th Biennial Winter Workshop in Psychoses
15 - 18 November 2009
Barcelona, Spain

15. Sorce S, **Schiavone S**, Tucci P, Dubois-Dauphin M, Trabace L and Krause KH
NOX2-DEFICIENCY PREVENTS KETAMINE-INDUCED BEHAVIOURAL AND BIOCHEMICAL ALTERATIONS IN MICE
The 15th Biennial Winter Workshop in Psychoses
15 - 18 November 2009
Barcelona, Spain

16. Seredenina T, **Schiavone S**, Maghzal G, Basset O, Fioraso-Cartier L, Mahiout Z, Plastre O, Nayernia ZM, Stocker R, Krause KH and Jaquet V
INHIBITION OF NOX NADPH OXIDASES AS A POTENTIAL TREATMENT FOR NEUROINFLAMMATION
SFRR - Europe 2013 Meeting "The new era of -omics in Free Radicals in Biology and Medicine"
23-25 September 2013
Athens, Greece

17. **Schiavone S**, Mhillaj E, Tucci P, Morgese MG, Bove M, Cuomo V, Trabace L
Early disruption of blood brain barrier integrity precedes NOX2 elevation in the social isolation rat model

37° Congresso Nazionale della Società Italiana di Farmacologia
October 27-30 2015
Napoli, Italy

18. Bove M, Tucci P, Mhillaj M, Morgese MG, **Schiavone S**, Cantatore FP, De Giorgi A, Maffulli N, Cuomo V, Trabace L
Social isolation alters bone homeostasis in drug-naïve rats
37° Congresso Nazionale della Società Italiana di Farmacologia
October 27-30 2015
Napoli, Italy

19. Morgese MG, **Schiavone S**, Tucci P, Bove M, Mhillaj E, Trabace L, Cuomo V
Soluble beta amyloid and behavioral despair: effects of several classes of antidepressants in rats
37° Congresso Nazionale della Società Italiana di Farmacologia
October 27-30 2015
Napoli, Italy

20. Mhillaj E, Tucci P, Morgese MG, Furiano A, **Schiavone S**, Romano R, Luongo L, Maione S, Trabace L, Cuomo V
Sub-chronic celecoxib treatment prevents sA β -induced neuroinflammation: underlying cognitive and behavioral dysfunctions
37° Congresso Nazionale della Società Italiana di Farmacologia
October 27-30 2015
Napoli, Italy

21. Camerino GM, Caloiero R, Morgese MG, **Schiavone S**, Mhillaj E, Tucci P, Zotti M, Colaianna M, Trotta A, Trabace L
Long-lasting psychosocial stress leads to altered adipogenesis and thermogenesis functions in rats
37° Congresso Nazionale della Società Italiana di Farmacologia
October 27-30 2015
Napoli, Italy

22. **Schiavone S**, Trabace L
Redox imbalance and drug-induced psychiatric disorders: from rodent models to human pathology
1st Meeting in Translational Pharmacology 2018
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Santiago de Compostela, Spain

23. **Schiavone S**, Morgese M, Trabace L Increased iNOS-derived nitrosative stress in dopaminergic neurons of MDMA-treated rat
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LIST OF PEER-REVIEWED PUBLICATIONS (www.scopus.com at June 10th 2020)

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BOOK CHAPTERS

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