

PERSONAL DATA

Name	LEONARDO SACCO
Date of birth and place	06.06.1972
Nationality	Swiss and Italian
Place of origin	Zürich
Current position:	Leader Senior Physician Neurology (Caposervizio) Neurology Department, Unità disturbi Cognitivi, Neurocenter of Southern Switzerland, Ospedale Regionale di Lugano Unità disturbi Cognitivi e Logopedia, Neurocenter of Southern Switzerland, Ospedale Civico Via Tesserete 46 6903 Lugano, Switzerland
Working address	Unità disturbi Cognitivi e Logopedia, Neurocenter of Southern Switzerland, Ospedale Civico Via Tesserete 46 6903 Lugano, Switzerland
Telephone	+41 91 811 6527
E-mail	leonardo.sacco@eoc.ch leonardo.sacco@outlook.com

EDUCATION AND TRAINING

November 2021	GCP Sponsor-Investigator Level
July 2018	Good Clinical Practice 1 and 2, GCP-E6, R2, 2018
May-October 2015	Good Clinical Practice 1 and 2, GCP-E6, R2, 2016
October 2010	Course in Electrodiagnostic Medicine
March 2010	Course in Electroencephalography
November 2004	Board Examination in Neurology 70/70 with honours, University of Milan, Italy
July 1997	Degree in Medicine and Surgery, at University of Milan, Italy, Master thesis: "General knowledge of the world and cognitive estimation task in normal people and in Alzheimer's disease"
J	High School "International Institute Montana", Zugerberg, Switzerland
July 1991	High School "International Institute Montana", Zugerberg, Switzerland

POSITIONS/EMPLOYMENTS

Since 2020	Leader Senior Physician in Neurology (Caposervizio) and head of Cognitive Unit and the memory clinic of Neurocenter of Southern Switzerland
From 2011 to 2019	Senior Physician in Neurology (Capoclinica), head of Cognitive Unit, Neurology department, Neurocenter of Southern Switzerland, Ospedale Civico, (Prof. A. Kälin, Dr. C. Städler, prof Dr. C. Gobbi) and
From 2007 to 2011	Head of the Alzheimer's outpatient unit, Neurology Department, Ospedale Sant'Anna, Como.
From 2005 to 2007	Deputy Head, Neurologist and head of neuropsychology, Center of the Excellence in treatment of Alzheimer's disease, Ospedale Briolini, Bergamo
From 2004 to 2007 From 1994 to 2004	Consultant, Istituto Farmacologico Mario Negri, Laboratorio di Psicogeratria Internship at the Department of Neurology of S. Paul Hospital, University of Milan, Regional Center of Alzheimer's disease Since 2015 Member of the Swiss Neurological Society, member of the International Neuroethics Society, member of the Italian Neuropsychological Society, member of the swiss fronto temporal study group. Since 2020 Member of the Swiss Memory Clinics

.RESEARCH ACTIVITIES ongoing and Grant

Since 2022 Principal Invstigator in 247AD201, "A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study to Assess the Efficacy, Safety, and Tolerability of BIIB080 in Subjects with Mild Cognitive Impairment due to Alzheimer's Disease or with Mild Alzheimer's Disease

Since 2022 Faces in motion: understanding and mapping the decoding of dynamic facial expressions of emotion, Co Applicant SNFgrant

Since 2021 member of the advisory Board of Biogen

Since 2021

Principal Investigator in the study "An observational pilot study to define a liquid biopsy-based fingerprint for Alzheimer's disease (fingerpriAD)" Innochecke fund requested. Tivenix SA grant

2020

Grant from Alzheimer Association Ticino (30000 chf) for the for the purchase of the navigation System Softaxic Optic

Since 2020

Principal Investigator in the study Effects of rTMS treatment on social cognition dysfunctions in mild cognitive impairment: an explorative study. ABREOC grant.

Principal Investigator in the EMBARK study: to evaluate the safety of Aducanumab (BIIB037) in subjects with Alzheimer's disease.

Subinvestigator in the EORTC 1635 TRIAL | IWOT IDH mutated 1p/19q intact lower grade glioma following resection: Wait or Treat?

Since 2012 Co-Investigator multicentric clinical trials "The NAMACO study": to expand the current knowledge about HIV-associate neurocognitive disorders in the HIV aging population.

List of Publications

<https://scholar.google.com/citations?user=VvAVfHAAAAAJ&hl=it&oi=ao>

ORCID: <https://orcid.org/0000-0002-9494-7742>

Abstracts

- L. Sacco**, S. MacPherson, L. Philips, S. Della Sala, H. Spinnler. Cognitive Estimation Task: effect of aging, frontal lesions and its use in assessing dementia. Meeting of Italian Neurological Society (2001);
- L. Sacco**, C. Motto. Catastrophic antiphospholipid syndrome: a case report. Meeting of Italian Neurological Society (2002),
- L. Sacco**, C. Mariani, H. Spinnler, A. Venneri. General Knowledge of the world: a standardised assessment. Meeting of Italian Neurological Society (2002).
- L. Sacco**, V. Chiesa. Orientation in a visuo-spatial deficit. Meeting of Italian Neurological Society (2003);
- L. Sacco**, S. Della Sala, S. MacPherson, L. Phillips., H. Spinnler. The role of Semantic Memory in a Cognitive Estimation Task. Meeting of Italian Neurological Society (2003).
- R. Pagani, G. Cocchini, S. Della Sala, R. H. Logie, **L. Sacco**, H. Spinnler. Dual task effects of walking while talking in Alzheimer disease. Meeting of Italian Neurological Society (2003).
- L. Sacco**, P. Faglioni, H. Spinnler. The organization of the general knowledge of the world: an Experiment of Latent Structure Modelling. Meeting of Italian Neurological Society (2004).
- C. Motto, **L. Sacco**, G. Savorgnan, H. Spinnler. Dysphagia after first-ever acute unilateral stroke: incidence and clinical correlations; Meeting of Italian Neurological Society (2004).
- Sacco L.**, Martina A., Guerra U, Stefanini S, Defanti CA. Neuropsychological batteries and clinical practice: are they useful in the diagnosis of Fronto-Temporal Dementia? Meeting of Italian Neurological Society (2006);
- Sacco L.**, Martina A., Stefanini S., Defanti CA. The diagnosis of Fronto-Temporal Dementia in clinical practice: why is it frequently not recognized? Meeting of Italian Neurological Society (2006).
- Sacco L.**, Martina A., Stefanini S e Defanti CA. Validation of a new questionnaire testing insight in patients with Alzheimer's disease. Meeting of Italian Neurological Society (2006).
- L. Sacco**, A. Greco, A. Martina, S. Stefanini, CA Defanti. Validation of a test on the capacity to vote in patients with Alzheimer's disease. Meeting of the Italian Neurological Society (2006).
- L. Sacco**, A. Greco, A. Martina, S. Stefanini, CA Defanti (2006). Assessing competence of Alzheimer patients to make some important decisions. Meeting of the Italian Neurological Society
- L. Sacco**, A. Brambilla, F. Fiacco, U.P. Guerra, A. Martina, S. Stefanini, CA Defanti (2006). Idiopathic calcification of the basal ganglia: report of a case with acute psychotic onset and no progression
- L. Sacco**, A. Greco, A. Martina, S. Stefanini, CA Defanti. Validation of a questionnaire exploring awareness of deficits in Alzheimer's patients. Meeting of the Italian Neurological Society (2006).
- M. Azelio, **L. Sacco**, S. Stefanini, CA Defanti. (2006) Validazione di uno strumento per valutazione della capacità di agire (competence) dei malati con Alzheimer. Congresso Nazionale, Identità del vecchio, mutamenti sociali e complessità dei bisogni: innovatività e specificità delle cure.
- L. Sacco**, A. Brambilla, F. Fiacco, U. P. Guerra, A. Martina, S. Stefanini & C.A.Defanti. (2007) Idiopathic calcification of the basal ganglia: report of a case with acute psychotic onset and no progression Meeting of the Italian Neurological Society
- S. Vidale, **L. Sacco**, L. Tancredi, R. Sterzi, M. Arnaboldi (2007). La condizione non dipping nella fase subacuta dell'ictus in relazione agli indici di funzionalità renale: un precoce fattore prognostico a breve e a lungo termine.
- S. Vidale, A. Iovine, **L. Sacco**, L. Tancredi, M. Arnaboldi, R. Sterzi (2008). Group support for people with acute stroke and their family caregivers: the experience of a stroke unit in Como.

L. Sacco, M. Arnaboldi , CA Defanti, M. Grobberio, P. Rizzi, R. Posterli, P. Tiraboschi, A. Corso (2008). Myocardial scintigraphy with MIBG can be useful in the diagnosis of parkinsonisms : a case report

Vidale S, **Sacco L**, Tancredi L, Arnaboldi M. (2009). Correlazione tra eziologia e tipologia di ictus ischemico e condizione non dipping in fase subacuta. Congresso Nazionale dei neurologi, neurochirurghi e neuroradiology ospedalieri.

Vidale S, L. **Sacco**, L. Tancredi, M. Arnaboldi (2009). Circadian and seasonal variations in the onset of ischemic and hemorrhagic strokes

L.Sacco, M. Arnaboldi, S. Vidale, M. Grobberio, A. Corso, P. Tiraboschi (2010). La scintigrafia miocardica con MIBG può essere utile nella diagnostica delle demenze: descrizione di due casi clinici

L Sacco, P Calabrese., S.Marta, E Chitò., A.Greco, P.Tiraboschi, Defanti CA (2011). Unawareness of deficits in Alzheimer's disease patient's. European Society of Neuropsychology

AE Vaudano, P Agazzi, I Pisarenco, M Raimondi, D Kuen, **L Sacco**, R Pignatti, E Biglia, M Manconi, C Staedler, C Bassetti (2012). Studio di sorgente in un paziente affetto da Encefalopatia di Hashimoto: utilizzo dell'EEG ad alta densità. Giornata della ricerca della Svizzera Italiana.

C. Muscio, A. Corso, S. Vidale, **L. Sacco**, M. Merello, S Stefanini, A. Micheli, et al. Myocardial scintigraphy in distinguishing between dementia with Lewy bodies and other types of dementia (2015). Abstract presented to the International Dementia with Lewy Bodies Conference

P. Tiraboschi, A. Corso, U. Paolo Guerra, F. Nobili, A. Piccardo, M .L. Calcagni,Duccio Volterrani, Diego Cecchin, S. Vidale, L. Sacco, Maria Merello, S. Stefanini, A. Micheli, P. Vai, S. Capitanio, S. Gabanelli, et al., for the SCILLA Working Group Poster at International congress for LBD Miami (2015) Comparative valueof Fp-Cit Spect And Mibg Myocardial Scintigraphy In Distinguishing Between Dementia With Lewy Bodies And Other Types Of Dementia

AR Richoz, J Lao, M Ceroni, **L Sacco**, R Pignatti, and R Caldara. Tracking the recognition of static and dynamic facial expressions in MCI patients, Vision Sciences Society (VSS), St. Pete Beach, USA, 2018.

G.C. Riccitelli, S. Rossi, N. Parietti, E.Chito, M. Sala, P Tiraboschi, CA Defanti, **L.Sacco** (2019). Relationship between awareness of cognitive and emotional disturbances with behavioral disorders in Alzheimer disease 9° Giornata della Ricerca USI.

S. Rossi, G.C. Riccitelli, N. Parietti, P. Tiraboschi, C. Defanti, **L. Sacco** L. S (2019). Relationship between awareness disturbance and behavioural disorders in Alzheimer's disease. JPAD (6, supp1) P158

Paraskevas Filippidis, José Damas, Benjamin Viala, Frederic Assal, Alexandra, Calmy, Philip Tarr, Tobias Derfuss, Michael Oberholzer, Ilijas Jelcic, Thomas, Hundsberger, **Leonardo Sacco**, Matthias Cavassini, Renaud Du-Pasquier, Katharine E. Darling. PREDICTIVE FACTORS FOR HIV!1 CSF ESCAPE IN NEUROCOGNITIVE IMPAIRMENT. CROI 2021

L. Sacco, C.A. Defanti, N. Parietti, S. Rossi, P, Tiraboschi, G.C. Riccitelli
Different Awareness Domains Contribute to Explain Emotional and Behavioral Disorders in Mild Alzheimer's Disease SNG 2021

Teaching activity

- L. Sacco** Course at Milan University, Degree in Medicine, 6 hours (1998). The different domain of memory.
- L. Sacco**. Speaker: "la diagnosi neuropsicologica" al convegno "Management delle Demenze", Milano, 2006
- Sacco L** "L'epidemia Alzheimer: problemi aperti, ipotesi di soluzione". Bergamo, 2006. Speaker
- L. Sacco**: Speaker: "La cura del paziente con demenza alla fine della vita", Bergamo (2007)
- L. Sacco**. Speaker. "Epidemiologia delle demenze e aspetti clinici". Como (2007)
- L. Sacco**. Speaker. Aggiornamento per le Demenze, Ospedale Sant'Anna di Como (2007)
- L. Sacco**. "Corso di counselling per i familiari di malati di Alzheimer a Como" (2008-2010)
- L. Sacco**. Course of Neurology for Regione Lombardia (20 hours). Modulo di Neurologia per Massaggiatore e C.B. degli stabilimenti idroterapici.
- L. Sacco**. Speaker. "La gestione appropriata e integrata delle Demenze"
- L. Sacco**. (2014). Speaker. Demenze vascolari e degenerative: inquadramento clinico e neuropsicologico. Symposium. Lugano.
- L. Sacco**. (2015)- Speaker. Rapporti tra malattia di Alzheimer e angiopatia amiloide. Symposium. Lugano.
- L. Sacco**. (2015). Speaker. "Le malattie neurologiche che colpiscono prevalentemente la memoria". Settimana del cervello. Lugano
- L. Sacco**. (2016). Speaker. "L'utilità del Dat scan e della scintigrafia con MIBG nella diagnosi di della demenza con corpi di Lewy". Symposium. Lugano.
- L. Sacco** (2016). Speaker. An example of successfull neurogeriatric collaboration in Ticino. Symposium. Dementia summit.
- L. Sacco** (2016). Speaker. Patologie degenerative encefalo: neuroradiologia. Symposium. Mendrisio for medical doctor, resident.
- L. Sacco** (2017). Speaker. Demenze rapidamente progressive. Mendrisio. Symposium for family doctor.
- L. Sacco** (2017) Corso di base di Medicina Nucleare. Pesaro. Deficit cognitive e danno sottostante. Anatomia, fisiopatologia, networking.
- L. Sacco** (2017). Speaker. Disturbi psico-comportamentali in ambito neurologico. Symposium for Psychiatrists.
- L. Sacco** (2017). Speaker. Deficit cognitivo e danno sottostante. Anatomia, fisiopatologia e networking. Pesaro. Corso di Medicina Nucleare in Neurologia.
- L. Sacco** (2017). Speaker. Neuropsychological aspects in neurooncological patients. Symposium. Lugano.
- L. Sacco** Speaker (2018). Il contributo dell'immagine molecolare nella pratica clinica: descrizione di due casi clinici. Symposium, Lugano.
- L. Sacco** Speaker (2019). Dementia: Alzheimer's disease. Highlights 2018, Lugano.
- L. Sacco**. Speaker. Malattia di Parkinson e parkinsonismi. Formazione assistenti Medicina.
- L. Sacco**. Speaker. Dementia with Lewy bodies. Formazione assistenti Neurologia.

L. Sacco Speaker (2021) I disturbi cognitivi nella malattia di Parkinson e nei parkinsonismi. Rete Parkinson Ticino.

L. Sacco Speaker (2021) Le cefalee. Formazione assistenti Medicina.

L. Sacco Speaker (2021) Long Covid. Formazione direttori Case Anziani Svizzera Italiana.

L. Sacco Speaker (2021) Studi che hanno portato all'approvazione di aducanumab da parte di FDA.

L. Sacco Speaker (2021) Novità EAN 2021. Formazioni per assistenti di Neurologia

L. Sacco Speaker (2021) Aduhelm (aducanumab): cosa sappiamo della nuova terapia dell'Alzheimer approvata in America. Formazione Associazione Alzheimer Ticino

L. Sacco Speaker (2021) La valutazione neurologica nelle demenze ad esordio precoce e la diagnosi differenziale. Formazione per Assistenti di Medicina.

L. Sacco Speaker (2022) La percezione e le sue disfunzioni. Speaker Brain week.

L. Sacco Docente at Degree in Medicine, Università della Svizzera Italiana

Co-director in master thesis

Our Unit is internship center for PhD student in Public Health.