


PERSONAL INFORMATION

Ettore Silvagni ~~via Cassanese 100~~, 48026 Russi (Italy) +390532 ~~020000~~ ettore.silvagni@student.unife.it

WORK EXPERIENCE

School and work experiences, graduations:

University: University of Medicine and Surgery in Ferrara (FE), Italy: magna cum laude (22/10/2012).

Graduation in Rheumatology, University of Modena and Reggio Emilia: magna cum laude (08/08/2018).

Registration at Medical Council: 19/02/2013, number 4818, Ferrara province.

Research fellowship at Leiden University Medical Centre (LUMC), Rheumatology Unit, Leiden, NL (1st February to 30th April 2019).

PhD Student in Molecular Medicine, University of Ferrara (FE), Italy (2018-ongoing).

Clinical collaboration as rheumatologist at Rheumatology Unit, Department of Medical Sciences, University of Ferrara, St. Anna Hospital, Cona, Ferrara (FE), Italy.

Visiting scientist at Department of Morphology, Surgery, and Experimental Medicine, Section of Pathology, Oncology, and Experimental Biology, Laboratory for Technologies of Advanced Therapies (LTTA), University of Ferrara, Ferrara, Italy.

Actual research collaborations:

Main themes of research: neuroimaging biomarkers in early SLE patients (conventional Magnetic Resonance Imaging, Diffusion-weighted Imaging, Perfusion-weighted Imaging, Diffusion Tensor Imaging); synovial biomarkers of response to DMARDs in chronic inflammatory arthritis. Research collaborations regarding neuroimaging techniques in SLE with Leiden University Medical Centre (LUMC), Rheumatology Unit, Leiden, NL.

Involvement in other research projects regarding Neuropsychiatric (NP) involvement in SLE (treatment modalities and outcome measures in NPSLE). Collaboration in research projects regarding healthcare administrative databases and registries in rheumatoid arthritis, SLE and psoriatic arthritis, autophagy dysfunctions in the pathogenesis of SLE.

Practical ability in statistical analysis. Educational skills with students and young fellows. Experience as Sub-investigator in phase II and III randomized-controlled trials and observational studies (2014-2018) with Good Clinical Practice (GCP) training acquired (last acquisition 19th December 2018).

Clinical experience:

Collaboration at Lupus Clinic of the Rheumatology Unit, St. Anna Hospital, Cona (FE). Practical experience at 3rd level referral outpatient clinic for rare diseases. Clinical activity at biological therapies clinic (rheumatoid arthritis, spondyloarthritis, rare diseases, systemic lupus erythematosus). Practical skills in musculoskeletal ultrasonography, synovial fluid analysis, densitometry, capillaroscopy, arthrocentesis, infiltrations and ultrasound-guided synovial biopsies.

Publications on international journals:

The diagnosis and clinical management of the neuropsychiatric manifestations of lupus. Govoni M, Bortoluzzi A, Padovan M, Silvagni E, Borrelli M, Donelli F, Ceruti S, Trotta F. J Autoimmun. 2016 Nov;74:41-72. doi: 10.1016/j.jaut.2016.06.013. Epub 2016 Jul 12. Review.

Influence of aromatase inhibitors therapy on the occurrence of rheumatoid arthritis in women with breast cancer: results from a large population-based study of the Italian Society for Rheumatology. Caprioli M, Camara G, Sakellariou G, Silvagni E, Scirè CA. RMD Open. 2017 Sep 28;3(2):e000523. doi: 10.1136/rmdopen-2017-000523. eCollection 2017.

Comparison of the risk of hospitalisation for cardiovascular events in patients with rheumatoid arthritis treated with tocilizumab and etanercept. Generali E, Carrara G, Selmi C, Verstappen SMM, Zamboni A, Bortoluzzi A, Silvagni E, Scirè CA. *Clin Exp Rheumatol*. 2018 Mar-Apr;36(2):310-313. Epub 2017 Dec 28.

One year in review 2018: novelties in the treatment of rheumatoid arthritis. Bortoluzzi A, Furini F, Generali E, Silvagni E, Luciano N, Scirè CA. *Clin Exp Rheumatol*. 2018 May-Jun;36(3):347-361. Epub 2018 May 17. Review.

Comparative effectiveness of first-line biological monotherapy use in rheumatoid arthritis: a retrospective analysis of the RECOrd-linkage On Rheumatic Diseases study on health care administrative databases. Silvagni E, Bortoluzzi A, Carrara G, Zanetti A, Govoni M, Scirè CA. *BMJ Open*. 2018 Sep 11;8(9):e021447. doi: 10.1136/bmjopen-2017-021447.

Peripheral nervous system involvement in systemic lupus erythematosus: a review of the evidence. Bortoluzzi A, Silvagni E, Furini F, Piga M, Govoni M. *Clin Exp Rheumatol*. 2019 Jan-Feb;37(1):146-155. Epub 2018 May 24. Review.

Risk of hospitalisation for serious bacterial infections in patients with rheumatoid arthritis treated with biologics. Analysis from the RECOrd linkage On Rheumatic Disease study of the Italian Society for Rheumatology. Carrara G, Bortoluzzi A, Sakellariou G, Silvagni E, Zanetti A, Govoni M, Scirè CA. *Clin Exp Rheumatol*. 2019 Jan-Feb;37(1):60-66. Epub 2018 Jul 18.

Peripheral nervous system involvement in systemic lupus erythematosus: a retrospective study on prevalence, associated factors and outcome. A Bortoluzzi, M Piga, E Silvagni, E Chessa, A Mathieu and M Govoni. *Lupus*. 2019 Apr;28(4):465-474. doi: 10.1177/0961203319828499. Epub 2019 Feb 10.

One year in review 2019: novelties in the treatment of rheumatoid arthritis. Silvagni E, Di Battista M, Bonifacio AF, Zucchi D, Governato G, Scirè CA. *Clin Exp Rheumatol*. 2019 Jul-Aug;37(4):519-534. Epub 2019 May 24. Review.

Biological and synthetic target DMARDs in psoriatic arthritis. Silvagni E, Bortoluzzi A, Ciancio G, Govoni M. *Pharmacol Res*. 2019 Oct 1:104473. doi: 10.1016/j.phrs.2019.104473.

Conventional brain Magnetic Resonance Imaging in the longitudinal evaluation of newly diagnosed Systemic Lupus Erythematosus patients: a retrospective analysis from a single-center cohort. Silvagni E, Bortoluzzi A, Borrelli M, Padovan M, Furini F, Govoni M. *Lupus* 2020.

One year in review 2020: novelties in the treatment of rheumatoid arthritis. Silvagni E, Giollo A, Sakellariou G, Ughi N, D'Amico ME, Scirè CA, Huizinga TWJ. *Clin Exp Rheumatol*. 2020 Mar-Apr;38(2):181-194. Epub 2020 Mar 26. Review.

Abstracts for international congresses:

10th International Congress on SLE, Buenos Aires, 2013. Neuroimaging abnormalities in early Systemic Lupus Erythematosus. Bortoluzzi A, Silvagni E, Borrelli M, Padovan M, Govoni M. P103

2014 EULAR Congress, Paris. Overlap syndrome systemic sclerosis-rheumatoid arthritis and pulmonary involvement: description of a monocentric series. F. Furini, V. Bagnari, E. Silvagni, A. Lo Monaco, R. La Corte, M. Govoni. SAT0310.

2015 EULAR Congress, Rome. Usefulness of brain MRI in early lupus: how the morphological imaging changes at onset of the disease and after follow-up. E. Silvagni, A. Bortoluzzi, M. Padovan, F. Furini, M. Borrelli, M. Govoni. EULAR15-4957

10th European Lupus Meeting, Venice, 2016. Role of neuroimaging in refractory neuropsychiatric Systemic Lupus Erythematosus (NPSLE). E. Silvagni, A. Bortoluzzi, F. Bergossi, M. Borrelli, M.

Padovan, M. Govoni. P9:228

2017 EULAR Congress, Madrid. Patterns of disease activity impact on organ damage in Systemic Lupus Erythematosus. A. Bortoluzzi, M. Padovan, E. Silvagni, C.A. Scirè, M. Govoni. FRI0255

2017 EULAR Congress, Madrid. Comparative effectiveness of first-line biologic monotherapy in rheumatoid arthritis. E. Silvagni, A. Bortoluzzi, G. Carrara, M. Govoni, C.A. Scirè. FRI0212

2018 EULAR Congress, Amsterdam. Therapeutic Strategy and short term outcome in Neuropsychiatric Systemic Lupus Erythematosus. A. Bortoluzzi, A. Fanouriakis, S. Appenzeller, L. Carli, G. Carrara, F. Conti, L. Costallat, G. De Marchi, S. De Vita, A. Doria, M. Fredi, J. G. Hanly, E. Murphy, A. Mathieu, M. Mosca, M. Pelusi, M. Piga, C. Scirè, E. Silvagni, A. Tincani, P. Tomietto, S. Truglia, M. Zen, G. Bertsias, M. Govoni.

2018 EULAR Congress, Amsterdam. **Susceptibility to cerebral ischemia in early Lupus patients: a pilot study of co-registration with conventional brain MRI, diffusion- and perfusion-weighted imaging.** E. Silvagni, A. Revenaz, A. Bortoluzzi, E. Groppo, M. Padovan, M. Borrelli, S. Ceruti, C.A. Scirè, E. Fainardi, M. Govoni. THU0351

2019 EULAR Congress, Madrid. Outcome measures in Neuropsychiatric Systemic Lupus. Alessandra Bortoluzzi, Francesca Bergossi, Elisabetta Chessa, Maria Ester D'amico, Matteo Piga, Carlo Alberto Scirè, Ettore Silvagni, Marcello Govoni. SAT0644

2020 Lupus Science & Medicine Mar 2020, 7 (Suppl 1) A47; DOI: 10.1136/lupus-2020-eurolupus.87. Longitudinal changes of cerebral white matter tissue microstructure in early-onset systemic lupus erythematosus. Ettore Silvagni, Francesca Inglese, Alessandra Bortoluzzi, Alfredo Revenaz, Massimo Borrelli, Margreet Steup-Beekman, Tom Huizinga, Jeroen De Bresser, Itamar Ronen, Enrico Fainardi, Marcello Govoni, Ece Ercan. [P39](#).

Abstracts for national congresses:

2015 Congresso SIR, Rimini. Interessamento del SNP nel Lupus Eritematoso Sistemico. Fattori di rischio, evoluzione e danno in una casistica monocentrica. Bortoluzzi, F. Furini, E. Silvagni, N. Bolognesi, M. Padovan, M. Govoni.

2016 Congresso SIR, Rimini. Prevalenza di psicosi correlata al Lupus Eritematoso Sistemico (LES) in una coorte monocentrica di pazienti e confronto con i dati della letteratura. A. Bortoluzzi, E. Silvagni, F. Damassa, M. Padovan, M. Govoni.

2017 Congresso SIR, Rimini. Comparative effectiveness of first-line biologic monotherapy in Rheumatoid Arthritis and role of different conventional DMARDs in persistence in treatment. E. Silvagni, A. Bortoluzzi, M.E. D'Amico, G. Guerrini, G. Carrara, M. Govoni, C.A. Scirè.

2017 Congresso SIR, Rimini. L'impiego di infliximab biosimilare nella pratica clinica italiana: analisi retrospettiva di una casistica multicentrica italiana. A. Becciolini, E.G. Favalli, F. Iannone, M. Sebastiani, P. Sarzi-Puttini, M. Galeazzi, C. Realmuto, E. Fusaro, R. Ramonda, M. Facchinetti, P. Ostuni, F. Salaffi, E. Silvagni, M. Govoni, R. Caporali, G.F. Bagnato, F. Dascario, G. Lapadula.

2017 Congresso SIR, Rimini. Ruolo delle comorbidity sulla persistenza in trattamento con farmaci biologici in una coorte di pazienti affetti da Artrite Reumatoide. M. D'Amico, A. Bortoluzzi, E. Silvagni, G. Guerrini, G. Carrara, M. Govoni, C.A. Scirè.

2018 Congresso SIR, Rimini. Riduzione della diffusività cerebrale nei pazienti con Lupus all'esordio: uno studio pilota caso-controllo e prospettico di co-registrazione con RM encefalo convenzionale e sequenze pesate in diffusione e perfusione. E. Silvagni, A. Revenaz, A. Bortoluzzi, E. Groppo, M. Padovan, G. Stecca, M. Borrelli, S. Ceruti, E. Fainardi, M. Govoni.

2019 Congresso SIR, Rimini. Longitudinal changes in cerebral white matter tissue microstructure in patients with early-onset Systemic Lupus Erythematosus: a prospective diffusion tensor imaging pilot study. Ettore Silvagni, Francesca Inglese, Alessandra Bortoluzzi, Alfredo Revenaz, Massimo Borrelli, Margreet Steup-Beekman, Tom Huizinga, Jeroen De Brasser, Itamar Ronen, Enrico Fainardi, Marcello Govoni, Ece Ercan.

Other publications:

Rheumalab (2020, <https://www.rheumalab.it/site/neuroimaging-nelle-patologie-reumatiche/>). IL RUOLO DELLA RISONANZA MAGNETICA CEREBRALE CONVENZIONALE NEL LUPUS ERITEMATOSO SISTEMICO CON INTERESSAMENTO NEURO-PSICHIATRICO. M. Borrelli, E. Silvagni, M. Govoni.

Awards

- 2017 - Awarded by the Italian Society for Rheumatology for the best English oral presentation at the 54th Annual Congress of the Italian Society for Rheumatology, hold in Rimini (RN), Italy.
- 2018 – Awarded by the European League against Rheumatism (EULAR) with the EULAR scientific training bursary, for the project "Changes in cerebral diffusivity parameters in Neuro-Psychiatric Systemic Lupus Erythematosus: longitudinal analysis of diffusion-tensor brain Magnetic Resonance Imaging".
- 2018 – Awarded by the Italian Society for Rheumatology for the best Poster Tour presentation at the 55th Annual Congress of the Italian Society for Rheumatology, hold in Rimini (RN), Italy.
- 2019 - Awarded by the Italian Society for Rheumatology for the best English oral presentation at the 56th Annual Congress of the Italian Society for Rheumatology, hold in Rimini (RN), Italy.
- 2020 – Awarded by Gruppo LES Italiano for participation at European Lupus Meeting.

Relevant participation at courses and international boards:

- VII EULAR Scientifically Endorsed Course on Systemic Lupus Erythematosus 2015, Pisa (PI), Italy
- Musculoskeletal ultrasound in Rheumatology - Basic Course 2016, Rome (Italy)
- EULAR On-line Introductory Ultrasound Course September 2016 - May 2017

PERSONAL SKILLS

Mother tongue(s) Italian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	C1	B1	C1	C1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages - Self-assessment grid

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Independent user	Independent user	Basic user	Basic user	Basic user

Digital skills - Self-assessment grid

Come (Fa), 13/05/2020

dott. Ettore Silvagni
 Medico - Chirurgo
 Specialista in Reumatologia
 C.F. SLVTTR87A13D458Y
 O.M. FE N. 4818