

CURRICULUM VITAE



INFORMAZIONI PERSONALI

Nome Luigi Aloe
Nazionalità Italiana
Data di nascita 28 Marzo 1943

ESPERIENZA LAVORATIVA

Attualmente direttore di ricerca presso IRET

1965-1968: Research Assistant at Institute of Histology and Embryology, University of Perugia, Italy (Prof. G. Colombo).

1968-1973. Research Assistant at Dept. of Biology, Washington University, St. Louis Mo. USA. (Prof. R. Levi-Montalcini).

1974-1986: Research Fellow at Institute of Cell Biology, CNR, Rome, Italy (Direct. G. Tocchini Valentini).

1987-1991: Research Fellow at Institute of Neurobiology CNR, Rome Italy. (Direct. R. Levi-Montalcini).

1995-2016 Research Director at Institute of Neurobiology, Rome, Italy.

ESPERIENZA SCIENTIFICA

Washington University, St. Louis Department of Biology

Chicago University, Chicago Faculty of Medicine

Harvard University, Boston Anatomy Department

Stors University, Connecticut, Biobehaviour science Department

Oxford University, England, Department of Anatomy

Cambridge University, England MRC

MacGill University, Canada Department of Pharmacology

Nency Institute of Warsavia, Poland

University of Varna, Bulgaria, Faculty of Medicine

**ISTRUZIONE E
FORMAZIONE**

Diploma scuola media superiore, Liceo Scientifico, Roma
Laurea Honoris Causa in Scienze Biologiche Università di Bologna,
Italy
Laurea Honoris Causa in Medical Sciences at Varna Medical School,
Bulgaria.

**COLLABORAZIONE
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SCIENTIFICI ITALIANI:**

Dr. E. Alleva: Istituto Superiore di Sanità, Fisiopatologia
Organi e Sistemi.
Prof. L. Calzà: Università di Bologna, Facoltà di Veterinaria
Prof. Se. Bonini: Dipt. di Allergologia e Immunologia Clinica
della II° Università di Napoli
Dr. P. Rama: DIBIT, Clinica Oculistica, Istituto Scientifico,
San Raffaele Milano
Prof. M. Matucci: Università di Firenze Ist. di Medicina
Interna, Sez. Reumatologia
Prof. R. Bernabei: Università Cattolica di Roma, Dept.
Medicina Interna e Geriatria, Roma
Dr. M.A. Tuveri: USL 5, Sezione SeRT, Oristano
Prof. G. Bersani: III Clinica Psichiatrica, Università “La
Sapienza” Roma.
Prof; A Chiaretti Centro Terapia Intensiva Pediatrica
Università Cattolica Roma

**COLLABORAZIONE CON
ISTITUTI SCIENTIFICI
EUROPEI:**

Prof T. Lindbergh: Karolinska Institutet, Department of
Physiology, Stockholm, Svezia
Prof. F. Levi-Shaffer: Dept. of Pharmacology, Hebrew
University, Jerusalem
Prof. A. Mathé: Dept. of Clinical Sciences, Karolinska, San
Goran Hospital, Stockholm, Svezia
Prof. J. Korf: Department Biological Psychiatry, University of
Groningen, Olanda.
Prof. B. Oderfeld-Novak: Nencki Inst. Polish Academy of
Sciences, Warsaw, Poland
Prof. G. Chaldakov: Università of Varna, Medical School,
Varna Bulgaria
Prof. R. Paus. Dept. Dermatology, Hospital Hamburg ,
Hamburg, Germany

**CONSULENZE
SCIENTIFICHE (REFEREE)
SCIENTIFICHE**

Brain Research
J. Neuroimmunology
J. Rheumatology
J. Peripheral Nervous system.

Clinical and Experimental Rheumatology
Annali Istituto Superiore di Sanità.
Neuroscience Letters
International Human Frontier Science Program
Evaluation of Research Program of National Relevance
External examiner in Swedish research training program.
Italian Multiple Sclerosis Association.
Arthritis and Rheumatism Council

h Index: 66 (the h Index considers Scopus articles published after 1995).

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2. Sacchetti, M., Mantelli, F., Rocco, M.L., Micera, A., Brandolini, L., Focareta, L., Pisano, C., Aloe, L., Lambiase, A. Recombinant Human Nerve Growth Factor Treatment Promotes Photoreceptor Survival in the Retinas of Rats with Retinitis Pigmentosa (2017) *Current Eye Research*, 42 (7), pp. 1064-1068. Cited 1 time.
3. Rocco, M.L., Balzamino, B.O., Esposito, G., Petrella, C., Aloe, L., Micera, A. NGF/anti-VEGF combined exposure protects RCS retinal cells and photoreceptors that underwent a local worsening of inflammation (2017) *Graefe's Archive for Clinical and Experimental Ophthalmology*, 255 (3), pp. 567-574.
4. Aloe, L., Rocco, M.L., Stigliano, E., Angelini, F., Iacoangeli, M., Frari, V., Salvinelli, F. Nasal HPpSIS administration enhances NGF and tumor suppressor protein, p73 in human brain cancer tissues: preliminary data (2017) *European review for medical and pharmacological sciences*, 21 (3), pp. 618-626.
5. Aloe, L., Rocco, M.L., Balzamino, B.O., Micera, A. Nerve growth factor: role in growth, differentiation and controlling cancer cell development (2016) *Journal of Experimental and Clinical Cancer Research*, 35 (1), art. no. 116.
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8. Rosso, P., Moreno, S., Fracassi, A., Rocco, M.L., Aloe, L. Nerve growth factor and autophagy: Effect of nasal anti-NGF-antibodies administration on Ambra1 and Beclin-1 expression in rat brain (2015) *Growth Factors*, 33 (5-6), pp. 401-409. Cited 2 times.
9. Aloe, L., Rocco, M.L., Balzamino, B.O., Micera, A. Nerve growth factor: A focus on neuroscience and therapy
10. (2015) *Current Neuropharmacology*, 13 (3), pp. 294-303.

11. Rocco, M.L., Balzamino, B.O., Passeri, P.P., Micera, A., Aloe, L. Effect of purified murine NGF on isolated photoreceptors of a rodent developing retinitis pigmentosa (2015) PLoS ONE, 10 (4), art. no. e0124810, .
12. Aloe, L., Rocco, M.L. NGF and therapeutic prospective: What have we learned from the NGF transgenic models? (2015) Annali dell'Istituto Superiore di Sanita, 51 (1), pp. 5-10.
13. Salvinelli, F., Frari, V., Rocco, M.L., Rosso, P., Aloe, L. Enhanced presence of NGF and mast cells number in nasal cavity after autologous stimulation: Relation with sensorineural hearing deficit (2015) European Review for Medical and Pharmacological Sciences, 19 (3), pp. 381-391.
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- experimental autoimmune encephalomyelitis are spatially associated with radially oriented astroglia and express p75 receptor: A role for nerve growth factor in oligodendrocyte progenitor migration? (2009) *Archives Italiennes de Biologie*, 147 (4), pp. 105-115.
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