

Prof. FILIPPO ROSSI

Dipartimento di Patologia
Sezione di Patologia Generale

VR aprile 2002

PUBBLICAZIONI

248. La Nascita della Facoltà di Medicina a Verona

Filippo Rossi

Edito dall' Università degli Studi di Verona. Luglio 2002

Grafiche Fiorini -Verona

247. Astrocytes regulate the expression of insulin-like growth factor 1 receptor (IGF1-R) in primary cortical neurons during in vitro senescence. C . Costantini, E. Lorenzetto, B. Cellini, M. Buffelli, F. Rossi, V. Della-Bianca.

J. Mol. Neurosci. 2010, 40:342-52.

246. The expression of p75 neurotrophin receptor protects against the neurotoxicity of soluble oligomers of beta-amyloid. C. Costantini, V. Della-Bianca, E. Formaggio, C. Chiamulera, A .Montresor, F. Rossi.

Exp. Cell res. 2005, 311:126-134.

245. Characterization of the signaling pathway downstream p75 neurotrophin receptor involved in β -amyloid peptide-dependent cell death.. Costantini C., Rossi F., Formaggio E., Bernardoni R., Cecconi D., Della Bianca V.

J. Mol. Neurosci. 2005, 25: 141-156.

244. Role of p75 neurotrophin receptor in the neurotoxicity by β - amyloid peptides and synergistic effect of inflammatory cytokines. G. Perini, V. Della Bianca, V. Politi, G. Della Valle, I. Dal Pra, F. Rossi, U. Armato.

Journal of Experimental Medicine 2002, 195: 907-918 .

243. Neurotrophin p75 receptor Is Involved in Neuronal Damage by Prion peptide-(106-126). Vittorina Della Bianca, F. Rossi, U. Armato, Ilaria Dal Pra, C. Costantini, G. Perini, and G. Della Valle

Journal of Biological Chemistry 2001,276:38929-38933.

242. Mechanisms of expression of NADPH oxidase components in human cultured

monocytes: role of cytokines and transcriptional regulators involved. S.Dusi, M. Donini, D. Lissandrini, P. Mazzi, V. Della Bianca, and F. Rossi
Eur. Journal of Immunology 2001, 31: 929-938.

241. Induction of functional IL-8 receptors by IL-4 and IL-13 in human monocytes. R. Bonecchi, F. Facchetti, S. Dusi, W. Luini, D. Lissandrini, M. Simmelink, M. Locati, S. Bernasconi, P. Allavena, E. Brandt, F. Rossi, A. Mantovani and S. Sozzani. **Journal of Immunology 2000, 164: 3862-3869.**
240. The neutrophil -activating protein (HP-NAP) of Helicobacter pylori is a protective antigen and a major virulence factor. B. Satin, G. Del Giudice, V. Della Bianca, S. Dusi, C. Laudanna, F. Tonello, D. Kelleher, R. Rappuoli, C. Montecucco, F. Rossi. **Journal of Experimental Medicine 2000, 191 : 1467-1476.**
239. β -Amyloid activates the O^{2-} Forming NADPH oxidase in Microglia, Monocytes and Neutrophils⁻. A possible inflammatory mechanism of neuronal damage in Alzheimer's disease. V. Della Bianca, S. Dusi, E. Bianchini, I. Dal Pra, F. Rossi. **Journal of Biological Chemistry 1999, 274 : 15493-15499.**
238. Proinflammatory profile of cytokine production by human monocytes and murine microglia stimulated with $\beta\beta$ -amyloid (25-35). L. Meda, P. Baron, E. Prat, E. Scapini, G. Scarlato, M.A. Cassatella, F. Rossi.
Journal of Neuroimmunology 1998, 93 : 45-52.
237. Cultured human monocytes release proinflammatory cytokines in response to myelin basic protein. P. Baron, G. Costantini, I. Meda, E. Scarpini, G. Scarlato, G. Trinchieri, G. Monastra, F. Rossi, M.A. Cassatella.
Neuroscience Letters 1998, 252 :151-154.
236. Nicotinamide-adenine dinucleotide phosphate oxidase assembly and activation of EBV-transformed B lymphoblastoid cell lines of normal and chronic granulomatous disease patient. S. Dusi, K.A. Nadalin, M. Donini, L. Zentilin, F.B. Wientjes, D. Roos, M. Giacca, F. Rossi.
Journal of Immunology 1998, 161 : 4968-4964.
235. Activation of nuclear factor-kb by β -amyloid peptides and interferon- γ in murine microglia. C. Bonaiuto, P.P. McDonald, F. Rossi, M.A. Cassatella.
Journal of Neuroimmunology 1997, 77 :51-56.
234. Priming of Monocyte respiratory burst by β -amyloid fragment(25-35). L. Meda C. Bonaiuto, P. Baron, L. Otvos, F. Rossi, M.A. Cassatella.
Neuroscience Letters 1996, 219 : 91-94.

233. Mechanisms of syimulation of the respiratory burst by TNF- α in non adherent neutrophils: Independency of lipidic trandmembrane signalling ans dependency on protein tyrosine phosphorilation and cytoskeleton. S. Dusi, V. Della Bianca, M.Donini, K.A. Nadalini, F. Rossi.
Journal of Immunology 1996,157 : 4615-4623.
232. B-amylloid (25-35) peptide and IFN- γ synergistically induce the production of the chemotactic cytokine MCP-1/je in monocytes and microglial cells. L. Meda. S. Bernasconi, c. Bonaiuto, S. Sozzoni, D. Zhou, L. Otvos jr, A. Mantovani, F. Rossi, M.A. Cassatella.
Journal of Immunology 1996, 157 : 1213-1218.
- 231.Tyrosine phosphorilation and subcellular redistribution of p125 ras guanine triphosphatase- activating protein in human neutrophils stimulated with FMLP. S. Dusi, M. Donini, F. Wientjes, F. Rossi.
FEBBS Letters 1996, 383 : 181-184.
230. Mechanisms of NADPH oxidase activation: Translocation of p40phox, Rac1 and Rac2 from the cytosol to the membrane in human neutrophils lacking p47phox and p67phox. S. Dusi, M. Donini, F. Rossi.
Biochemical Journal 1996, 314, 409-412.
229. Tranlocation of p190 rho guanosine triphosphatase-activating protein from cytosol to the membrane in human neutrophils stimulated with different agonists. S. Dusi, M. Donini, F. Wientjes, F. Rossi.
Biochem. Biophys. Res. Comms. 1996, 219 : 859-862.
228. Synergistic induction of nitric oxide by b-amylloid and cytokines in Astrocytes. F. Rossi , E. Bianchini.
Biochim. Biophys. Res. Comms. 1996, 225 : 474-478
227. Role of 55-and75 TNF receptors in the potentiation of fc-mediated phagocytosis in human neutrophils. V. Della Bianca, S. Dusi, K.A. Nadalini, M. Donini, F. Rossi.
Biochem. Biophys. Res. Comms. 1995, 214 : 44-55.
226. Mechanisms of NADPH oxidase activation in human neutrophils: p67phox is required for the translocation of Rac 1, but not of Rac 2, from cytosol to the membranes. S. Dusi, M. Donini, F. Rossi.
Biochemical Journal 1995, 308 : 991-994.
225. Activation of microglial cells by β -amyloid protein and interferon-g. L. Meda, M.A. Cassatella, G.I. Szendrei, L. Otvos jr., P. Baron, V. Villalba, D. Ferrari, F. Rossi.

Nature 1995, 374 : 647-650.

224. Beta-amyloid (25-35) induces the production of interleukin-8 from human monocytes. L. Meda, C. Bonaiuto, G.I. Szendrei, M. Ceska, F. Rossi, M.A. Cassatella.

Journal of Neuroimmunology 1995, 59 : 29-33.

223. Tyrosine phosphorilation and activation of NADPH oxidase in human neutrophils: a possibile role for MAP kinases and for a 75kDa protein. S. Dusi, M. Donini, F. Rossi.

Biochem. J. 1994, 304 : 243-250.

222. Tyrosine phosphorilation of phospholipase C- γ 2 involved in the activation of phosphoinositide hydrolysis by Fc receptor in human neutrophils. S. Dusi, M. Donini, V. Della Bianca, F. Rossi.

Biochem. Biophys. Res. Comm. 1994, 201 : 1100-1108.

221. In human neutrophils the binding to immunocomplexes induces the tyrosine phosphorilation of Fc γ RII but this phosphorilation is not essential signal for Fc- mediated phagocytosis. S. Dusi, M. Donini, V. Della Bianca, G. Gandini, F. Rossi.

Biochem. Biophys. Res. Comm. 1994, 201 : 30-37.

220. Sulphatides trigger increase of cytosolic free calcium and enhanced expression of tumor necrosis factor- α and interleukine-8 mRNA in human neutrophils. Evidence for a role of L-selectin as a signaling molecule. C. Laudanna, G. Costantin, P. Baron, E. Scarpini, G. Scarlato, G. Cabrini, C. Dechechchi, F. Rossi, M.A. Cassatella, G. Berton.

J. Biol. Chem. 1994, 269 : 4021-4026.

219. Formation of inositol (1,4,5) triphosphate and increase of cytosolic Calcium mediated by Fc receptors in human neutrophils.

V. Della Bianca, M. Grzeskowiak, S. Dusi, F. Rossi.

Biochem. Biophys. Res. Comm. 1993, 196 :1233-1239.

218. Studies on the production of proinflammatory cytokines and on the modulation of gene expression for some NADPH oxidase components by phagocytosing human neutrophils . M.A. Cassatella, F. Bazzoni, A. D'Andrea, M. Tronchin, M. Ceska, M. De Gironzoli, F. Rossi.

Fundamental of Clinical Immunology 1993, 1 : 99-106.

217. The potentiation of TNF- α and PMA of Fc-mediated phagocytosis in neutrophils is independent of reactive oxygen metabolites produced by NADPH oxidase and of protein kinase C.

V. Della Bianca, M. Grzeskowiak, E. Renzi, F. Rossi.
Biochem. Biophys. Res. Comm. **1993, 193 : 919-926.**

216. Transmembrane signaling pathways involved in phagocytosis and associated activation of NADPH oxidase mediated by Fc γ Rs in human neutrophils.
V. Della Bianca, M. Grzeskowiak, S. Dusi, F. Rossi.
J. Leuk. Biol. **1993, 53 : 427-438.**
215. Activation of NADPH oxidase of human neutrophils involves the phosphorylation and translocation of cytosolic p67phox. S. Dusi, F. Rossi.
Biochem. J. **1993, 296 :367-371.**
214. Effect of inhibitors of distinct signalling pathways on neutrophils O₂- generation in response to tumor necrosis factor- α and antibodies against CD18 and CD11a: evidence for a common and unique pattern of sensitivity to Wortmannin and protein tyrosine kinase inhibitors. C. Laudanna, F. Rossi, G. Berton.
Biochim. Biophys. Res. Comm. **1993,190: 935-940.**
213. Production of Tumor necrosis factor and other proinflammatory cytokines by human mononuclear phagocytes stimulated with myelin p2 protein. P. Baron, G. Costantin, A. D'Andrea, D. Ponzin, E. Scarpini, G. Scarlato, G. Trincheri, F. Rossi, M.A. Cassatela.
Proc. Natl. Acad. Sci., USA **1993, 90: 4414-4418.**
212. Studies on the regulatory mechanisms of interleukin-8 gene expression in resting and in IFN- γ -treated neutrophils: evidence on the capability of staurosporine of inducing the production of interleukine-8 by human neutrophils. M.A. Cassatella, M.Aste, M. Calzette, G. Costantin, I. Guasparri, M. Ceska. F. Rossi .
Biochem. Biophys. Res. Comm. **1993, 190 : 660-667.**
211. Relationship between phosphorylation and translocation to the plasma membrane of p47phox and p67phox and activation of NADPH oxidase in normal and Ca₂₊-depleted human neutrophils. S. Dusi, V. Della Bianca, M. Grzeskowiak, F. Rossi.
Biochem. J. **1993, 290 :173-178.**
210. Interferon gamma inhibits interleukin-8 production by human polymorpho-nuclear leukocytes. M.A. Cassatella, I. Guasparri, M. Ceska, F. Bazzoni, F. Rossi.
Immunology **1993, 78 :177-184.**
209. Evidence for the involvement of distinct signal transduction pathways in the

regulation of constitutive and interferon g-dependent gene expression of NADPH oxidase components (gp91-phox, p47-phox, and p22-phox) and high affinity receptor for IgG (FcR-I) in human polymorphonuclear leukocytes.
M.A. Amezaga, F.Bazzoni, C. Sorio, F.Rossi, M.A. Cassatela.
Blood 1992,79:735-744.

- 208 .Generation of signal activating neutrophil function by leukocyte integrins: LFA-1 and gp150/95, but not CR3 , are able to stimulate the respiratory burst of human neutrophils. G. Berton, G. Laudanna, C. Sorio, F. Rossi.
J.Cell. Biol. 1992, 116: 1007-1017.
207. Infiammazione.Introduzione. Filippo Rossi
Enciclopedia Medica Italiana. Aggiornamenti. USES Ed. Scientifiche 1991, 3752-3753.
206. Infiammazione . Meccanismi di regolazione delle funzioni delle cellule che partecipano al processo infiammatorio. Filippo Rossi
Enciclopedia Medica Italiana. Aggiornamenti. USES Ed. Scientifiche 1991,3762-3768.
205. Infiammazione. Formazione dei radicali liberi dell'ossigeno. Filippo Rossi
Enciclopedia Medica Italiana. Aggiornamenti. USES Ed. Scientifiche 1991, 3770-3773.
204. Source and role of diacylglycerol formed during phagocytosis of opsonized yeast particles and associated respiratory burst in human neutrophils. V. Della Bianca, M. Grzeskowiak, D. Lissandrini, F. Rossi.
Biochem. Biophys. Res. Comm. 1991,177: 948-955.
203. De novo synthesis of diacylglycerol from glucose. A new pathway of signal transduction in human neutrophils stimulated during phagocytosis of b-glucan particles. F. Rossi, M. Grezskowiak, V. Della Bianca, A. Sbarbati.
J. Biol. Chem. 1991, 266: 8034-8038.
202. Phagocytosing neutrophils produce and release high amount of the neutrophil-activating peptide 1/interleukine 8. F. Bazzoni, M.A. Cassatella, F. Rossi, M. Geska, B. Dewald, M. Baggolini.
J. Exp. Med. 1991,173 : 771-774.
201. Phagocytosis of opsonized yeast particles induces tumor necrosis factor-RNA accumulation and protein release by human polymorphonuclear leukocytes. F. Bazzoni, M.A. Cassatella, C. Laudanna, F. Rossi.
J.Leukocyte Biol. 1991, 50 : 223-228.

200. Studies on the gene expression of several NADPH oxidase components.
M.A. Cassatella, F. Buzzoni, M.A. Amezaga, F. Rossi.
Biochem. Soc. Transaction, 1991, 19 : 63-67.
199. Molecular basis of interferon gamma and lipopolisaccharide enhancement of phagocyte respiratory burst capability. Studies on the gene expression of several NADPH oxidase components. M.A. Cassatella, F. Buzzoni, R.M. Flynn, S. Dusi, G. Trinchieri, F. Rossi
J. Biol. Chem. 1990, 265 :20241-20246.
198. Phosphatidic acid and not diacylglycerol generated by phospholipase D is functionally linked to the activation of NADPH oxidase by FLMP in human neutrophils. F.Rossi, M.Grzeskowiak, V.Della Bianca, F.Calzetti e G.Gandini.
Biochem. Biophys. Res. Comms. 1990, 168: 320-327.
197. Studies on molecular regulation of phagocytosis and activation of the NADPH oxidase in neutrophils. IgG-and C3b-Mediated ingestion and associated respiratory burst independent of phospholipid turnover and Ca^{2+} transients. V.Della Bianca M.Grzeskowiak e F.Rossi.
J. of Immunol. 1990,144: 1411-1417.
- 196.Tumor necrosis factor- \square /cachectin activates the O_2 -generating system of human neutrophils independently of the hydrolysis of phosphoinositides and the release of arachidonic acid. C.Laudanna, S.Miron, G.Bertone and F.Rossi.
Biochem. Biophys. Res. Comms. 1990, 166: 308-315.
195. Studies on NADPH oxidase of phagocytes. Production of a monoclonal antibody which blocks the enzymatic activity of pig neutrophils NADPH oxidase.
G.Bertone, S.Dusi, M.C.Serra, P.Bellavite, F.Rossi.
J. Biol. Chem. 1989, 264: 5564.-5568.
194. Studies on molecular regulation of phagocytosis in neutrophils Con A-mediated ingestion and associated respiratory burst indipendent of phosphoinositide turnover, rise in Ca^{2+} i and arachidonic acid release. F.Rossi, V.Della Bianca, M.Grzeskoviak, F.Bazzoni.
J. of Immunol. 1989, 142: 1652-1660 .
193. La reazione infiammatoria e la fagocitosi. In "XV Seminario sulla Evoluzione biologica e i grandi problemi della Biologia “ Le Difese Umorali e Cellulari degli Organismi". F.Rossi. Accademia Nazionale dei Lincei. Roma Febbraio 1988. Contributo del Centro Linceo Interdisciplinare "Beniamino Segre" N.80, 1990.
192. Activation of human neutrophils by substance P: Effect on oxidase metabolism,

exocytosis, cytosolic Ca²⁺ concentration and inositol phosphates formation..
M.C. Serra, F.Bazzoni, V.Della Bianca, M.Grzeskowiak, F.Rossi.
J. of Immunol. 1988, 141: 2118-2124.

191. Activation of a NADPH-dependent superoxide production in plasmamembrane extracts of pig neutrophils by phosphatidic acid.
P.Bellavite, F.CORSO, S.Dusi, M.Grzeskowiak, V.Della Bianca, F.Rossi.
J. Biol. Chem. 1988, 263: 8210-8214.
190. Fluoride can activate the respiratory burst independently of Ca²⁺, stimulation of phosphoinositide turnover and protein kinase C. translocation in primed human neutrophils. V.Della Bianca, M. Grzeskowiak, S.Dusi, F.Rossi.
Biochem. Biophys. Res. Commun. 1988, 150: 955-964.
189. S-D-Lactoylglutathione in resting and activated human neutrophils
P.J. Thornalley, V.Della Bianca, P.Bellavite and F.Rossi.
Biochem. Biophys. Res. Commun. 1987, 145: 769-774.
188. Recensione del Trattato di Patologia Generale di Massimo Aloisi
Filippo Rossi .
Medicina. Rivista della Enciclopedia Medica Italiana1987,7: 376-377.
187. Double stimulation with FLMP and Con A restores the activation of the respiratory burst but not of the phosphoinositide turnover in Ca²⁺-depleted human neutrophils. A further example of dissociation between stimulation of the NADPH oxidase and phosphoinositide turnover.
F.Rossi, M.Grzeskowiak and V.Della Bianca.
Biochem. Biophys. Res. Commun. 1986, 140: 1-11.
186. The O₂- forming NADPH oxidase of the phagocytes: nature, mechanism of activation. F.Rossi.
Biochim. Biophys. Acta 1986, 853: 65-89.
185. Gamma interferon is able to enhance the oxidative metabolism of human neutrophils. G.Bertoni, L.Zeni, M.A.Cassatella and F.Rossi
Biochem. Biophys. Res. Commun. 1986, 138: 276-1282.
184. Monoclonal antibodies to a particulate superoxide-forming system stimulate a respiratory burst in intact guinea pig neutrophils.
G.Bertoni, H.Rosen, R.A.B. Ezekowitz, P.Bellavite, M.C.Serra and F.Rossi e S.Gordon.
Proc. Natl. Acad. Sci. Usa, 1986, 83: 4002-4006.

183. Phorbol 12-myristate 13-acetate potentiates the respiratory burst while it inhibits phosphoinositide hydrolysis and calcium mobilization by Formyl-methionyl-leucyl-phenylalanine in human neutrophils.
V.Della Bianca, M.Grzeskowiak, M.A.Cassatella, L.Zeni and F.Rossi.
Biochem. Biophys. Res. Commun. **1986, 135:** 556-565.
182. Complete dissociation between the activation of phosphoinositide turnover and of NADPH oxidase by Formyl methionyl-leucyl-phenylalanine in human neutrophils depleted of Ca_{2+} and primed by subthreshold doses of phorbol 12, myristate 13, acetate. M.Grzeskowiak, V.Della Bianca, M.A.Cassatella ,F.Rossi.
Biochem. Biophys. Res. Commun. **1986, 135:** 785-794. -
181. Presence of cytochrome b-245 in NADPH oxidase preparations from human neutrophils. P.Bellavite, M.A.Cassatella, E.Papini, P.Megyeri e F.Rossi.
FEBS Lett: **1986, 199:** 159-163.
180. Molecular basis of macrophage activation. Expression of the low potential cytochrome b and its reduction upon cell stimulation in activated macrophages G. Berton, M.A.Cassatella, P.Bellavite and F.Rossi.
J. of Immunology **1986, 136:** 1393-1399.
179. Activation by gamma interferon of human macrophages capability to produce toxic oxygen molecules is accompanied by decreased Km of the superoxide generating NADPH oxidase. M.A.Cassatella, V.Della Bianca, G.Berton and F.Rossi.
Biochem. Biophys. Res. Commu. **1985, 132:** 908-914.
178. Partial purification of the superoxide generating system of macrophages possible association pf the NADPH oxidase activity with a low potential (-247mV) cytochrome b. G.Berton, E.Papini, M.A.Cassatella, P.Bellavite and F.Rossi.
Biochimica et Biophysica Acta, **1985, 810:** 164-173.
177. Studies on the nature and activation of O_2 forming NADPH oxidase of leukocytes.Identification of a phosphorylated component of the active enzyme P.Bellavite, E.Papini, L.Zeni, V.Della Bianca and F.Rossi.
Free Radical Research Communication **1985, 1,** 11-29.
176. Mechanism and functions of the oxygen radicals producing respiration of phagocytes. F.Rossi, V.Della Bianca and P.De Togni.
Comp.Immun.Microbiol. Infect. Dis. **1985, 8:** 187-204.

175. Mechanism of oxygen free radicals production in granulocytes.
F.Rossi, V.Della Bianca, M.Grzeskowiak and L.Zeni.
Congresso di Firenze: "Oxygen free radicals in shock":
Novelli, Ursini (eds), Oxygen Free Radicals in shock.
Int. Workshop, Firenze 1985, pp. 15-28 (Karger, Basel 1986).
174. Protein Kinase C Phosphorylates a component of NADPH oxidase of neutrophils
E.Papini, M.Grzeskowiak, P.Bellavite and F.Rossi.
FEBS Letters, 1985, 190: 204-208.
173. The NADPH oxidase activity of guinea pig neutrophils. M.C.Serra, P.Bellavite,
A.Davoli, J.V.Bannister and F.R.
Life Chemistry Reports (A.M. Michelson and J.V.Bannister Eds.)
Suppl. 2 pp. 144-150 Harwood Acad. Publ. New York 1984.
172. Inhibition by verapamil of neutrophil responses to formyl- methionil-leucyl-phenylalanine and phorbol myristate acetate. Mechanism involving Ca^{2+} changes, cAMP and protein kinase C.
V.Della Bianca, M.Grzeskowiak, P.De Togni, M.Cassatella and F.Rossi.
Biochimica et Biophysica Acta, 1985, 845: 223-236.
171. Respiratory response of Phagocytes. Terminal NADPH Oxidase and the mechanisms of its activation. F.Rossi, P.Bellavite and E.Papini
Biochemistry of Macrophages. Ciba Foundation Symposium, 118.
pp. 172-195. (Z.A. Cohn ed.)- Pitman, London 1986.
170. Mechanism of desensitization of neutrophil response to N-Formylmethionylleucylphenylalanine by slow rate of receptors occupancy. Studies on Ca^{2+} changes and phosphatidylinositol turnover. De Togni, V.Della Bianca, M.Grzeskowiak, F.Di Virgilio, F.Rossi.
Biochem. et Biophys. Acta, 1985, 838: 23-25.
169. Relationships between phosphoinositide metabolism, Ca^{2+} changes and respiratory burst in formyl-methionyl-leucyl-phenylalanine stimulated human neutrophils. The breakdown of phosphoinositides is not involved in the rise of cytosolic free Ca^{2+} . F.Rossi, V.Della Bianca, M.Grzeskowiak, P.De Togni and G.Cabrini.
FEBS Letters. 1985, 181: 253-258.
168. Independence with respect to Ca^{2+} changes of the neutrophil respiratory and secretory response to exogenous phospholipase C and possible involvement of diacylglycerol and protein kinase C.
M.Grzeskowiak, V.Della Bianca, P.De Togni, E.Papini and

F.Rossi.

Biochimica et Biophysica Acta, 1985, 884: 81-90.

167. Activation of mouse macrophages causes no change in expression and function of phorbol diesters' receptors, but is accompanied by alterations in the activity and kinetic parameters of NADPH oxidase. G.Bertoni, M. Cassatela, G. Cabrini. F. Rossi
Immunology 1985, 54: 371 - 379.
166. Characterization of phagocyte NADPH oxidase. F.Rossi, P.Bellavite, M.C.Serra and E.Papini.In:"Mononuclear Phagocytes. Characteristics, physiology, and function. R. van Furth (ed). Martinus Nijhoff Publishers. 1985, pp. 423-432.
165. Mechanism of production of toxic oxygen radicals by granulocytes and macrophages and their function in the inflammatory process. F.Rossi, P.Bellavite, G.Bertoni, M.Grzeskowiak and E.Papini.
Pathology Research and Practice 1985, 180: 136-142.
164. Intensity and kinetic of the respiratory burst of human neutrophils in relation to receptors occupancy and rate of occupation by formyl- methionyl-leucyl-phenylanine. Pietro De Togni, Paolo Bellavite, Vittorina Della Bianca, Miroslawa Grzeskowiak and Filippo Rossi.
Biochimica et Biophysica Acta, 1985, 838: 12-22.
163. Composition of partially purified NADPH oxidase from pig neutrophils. P.Bellavite, Owen T.G.Jones, A.R.Cross, E.Papini, F.Rossi.
Biochemical J. 1984, 223: 639-648.
162. NADPH oxidase of neutrophils forms superoxide anion but does not reduce cytochrome c and dichlorophenol indophenol. P.Bellavite, V.Della Bianca, M.C.Serra, E.Papini, F.Rossi.
FEBS Letters, 1984, 170: 157-161.
161. Chronic granulomatous disease in two sisters. Raffaele D'Amelio, Paolo Bellavite, Paolo Bianco, Pasquale De Sole, Soccorsa Le Moli, Silvio Lippa, Rosalba Seminara, Bruna Vercelli, Filippo Rossi, Giovanni Rocchi, Fernando Aiuti
Journal of Clinical Immunology, 1984, 4: 220-227.
160. Isolation from neutrophil membranes of a complex containing active NADPH oxidase and cytochrome b245. M.C.Serra, P.Bellavite, A.Davoli, Joe V.Bannister, F.Rossi.

Biochimica et Biophysica Acta 1984, 788: 138-146.

159. The production of oxygen free radicals by phagocytes. Features and mechanisms.

F.Rossi, M.Cassatella, Vittorina Della Bianca, P.De Togni,
S.Zanini. P.Rohlinch and E.Bacsy (1984) 149-160.

Tissue Culture and RES Eds. P. Rohlich and E. Bacsy. 1984,149-160.
Relazione Congresso Budapest ,maggio 1983.

158. Le basi molecolari dei processi patologici.

Filippo Rossi

Nuova Secondaria (Editrice La Scuola, Brescia) 1984

157. Relationship between the binding of N-Formyl Methionyl Leucyl Phenylalanine and the respiratory response in human neutrophils.

F.Rossi, P.De Togni, P.Bellavite, Vittorina Della Bianca and Miroslawa Grzeskowiak.,

Biochimica et Biophysica Acta 1983, 758: 168 – 175.

156. Solubilization and partial purification of guinea pig neutrophil NADPH oxidase
P.Bellavite, M.C.Serra, A.Davoli, J.V.Bannister and F.Rossi

In: **Oxy Radicals and their Scavenger System. Vol. II°:**

Cellular and Medical Aspects. Ed. by R.A. Greenwald and

G.Cohen. New York, Elsevier Science Publ.Co. 1983, pp. 400-405.

155. Isolation of Metabolically active endothelial cells in high yield from bovine cavernous bodies. A.Dobrina, M.R.Soranzo and F.Rossi

Cell Tissue Res. 1983, 232, 579 - 591.

154. Metabolic properties of freshly isolated bovine endothelial cells.

A.Dobrina and F.Rossi.

Biochimica et Biophysica Acta 1983, 762: 295 - 301.

153. The Cytochrome b and flavin content and properties of the O₂ forming NADPH oxidase solubilized from activated neutrophils. P.Bellavite,

A.R.Cross, M.C.Serra, A.Davoli, O.T.G.Jones and F.Rossi.

Biochimica et Biophysica Acta 1983, 746: 40-47.

152. The NADPH oxidase of guinea pig polymorphonuclear leucocytes. Properties of the deoxycholate extracted enzyme.

P.Bellavite, M.C.Serra, A.Davoli, J.V.Bannister and F.Rossi.

Molec. Cell. Biochemistry 1983, 52: 17-25.

151. Studies on stimulus-response coupling in human neutrophils. II. Relationships between the effects of changes of external ionic composition on the properties of N-Formyl-Methionyl- Leucyl-Phenylalanine (FLMP) receptors and on the respiratory and secretory responses. P.De Togni, V.Della Bianca, P.Bellavite, M.Grzeskowiak and F.Rossi.

Biochimica et Biophysica Acta - 1983, 755: 506-513.

150. Studies on stimulus-response coupling in human neutrophils. I. Role of monovalent cations in the respiratory and secretory response N-Formyl-Methionil-Leucyl Phenylalanine (FLMP). V.Della Bianca, P.Bellavite, P.De Togni, R.Fumarolo and F.Rossi.

Biochimica et Biophysica Acta.- 1983, 755: 497-505.

149. I fagociti: un'arma contro i nemici dell'organismo. Filippo Rossi
SCIENZA & TECNICA. Annuario della EST(**Enciclopedia della Scienza e della Tecnica**). Arnoldo Mondadori editore. 1983, 242-255.

148. The Generation of Hydroxyl Radicals following Superoxide Production by Neutrophil NADPH oxidase. J.V.Bannister, P.Bellavite, A.Davoli, P.J.Thornalley and F.Rossi. .

FEBS Letters, 1982, 150: 300 - 302.

147. An Epr study of the production of superoxide radicals by neutrophil NADPH oxidase. J.V. Bannister, P.Bellavite, M.C.Serra, P.J.Thornalley and F.Rossi.
FEBS Letters 1982, 145: 323-326.

146. The respiratory burst of phagocytic cells: facts and problems. F.Rossi, P.Bellavite, G.Bertoni, P.Dri and G.Zabucchi.

In: "**Biochemistry and Function of Phagocytes**". Ed by F.Rossi e P.Patriarca. New York, Plenum Press, 1982, p. 283 - 322.

145. The inflammatory cells and their respiratory burst. F.Rossi, G.Bertoni, P.Bellavite and V.Della Bianca.

In: "**Advances in Inflammation Research**". Vol.III°: Rheumatoid Arthritis". Ed. by S.Giorini et al. New York, Raven Press, 1982, p.329-340.

144. The enzyme responsible for the respiratory burst in elicited guinea peritoneal macrophages. G.Bertoni, P.Bellavite, P.Dri, Pietro de Togni and F.Rossi.

Journal of Pathology 1982, 136: 273-290.

143. Plasma membrane and phagosome localization of the activated NADPH oxidase in elicited peritoneal macropages of the guinea pig. G.Bertoni, P.Bellavite, G.De Nicola, P.Dri, F.Rossi

Journal of Pathology 1982, 136: 241-252.

142. Inhibition of the respiratory burst and of phagocytosis by Nordihydroguaiaretic acid in neutrophils. F.Rossi, V. Della Bianca, P.Bellavite
FEBS Letters 1981,127: 183-186.
141. Selective enrichment of NADPH oxidase activity in phagosomes from guinea pig polymorphonuclear leukocytes. P.Bellavite, M.C.Serra, A.Davoli and F.Rossi.
Inflammation 1982, 6: 21-29.
140. The respiratory burst in phagocytic leukocytes. F.Rossi, P. Bellavite, G.Bertoni.
"Phagocytosis-Past and Future". Ed. by M.L. Karnowsky and D. Bolis. Academic Press, 1982, pp. 167-191.
139. A new way for inducing a respiratory burst in guinea pig neutrophils: change in the Na^+ , K^+ concentration of the medium. F.Rossi, Vittorina Della Bianca, Anna Davoli.
FEBS Letters1981, 132: 273-277.
138. L'attività respiratoria dei fagociti. Meccanismi e funzioni. F.Rossi. In:
"L'immunità nella patogenesi delle malattie". Atti del XVI° Congresso Nazionale della Società Italiana di Patologia. Torino - Saint Vincent 11-15 ottobre 1981, pp.165-192.
137. Activation of oxygen metabolism in polymorphonuclear leucocytes: activity of soluble and membrane bound NADPH and NADH oxidases. F.Rossi, P. Dri , G.Bertoni and P.Bellavite.
Clinical Respiratory Physiology 1981, 17 (suppl.): 167-174.
136. Subcellular localization of the enzyme responsible for the respiratory burst in resting and PMA-activated leucocytes. F.Rossi , P.Patriarca , G.Bertoni, G.De Nicola . - **Biological and Clinical Aspects of Superoxide and Superoxide Dismutase** Ed. by Bannister W.H. and Bannister J.V. Elsevier/North Holland 1980, 11B, 193-200.
135. Free Radicals. Introductory Remarks. F. Rossi .
Trends in inflammatory research I. Ed. by G.P. Velo. Proceedings of the International Meeting on Inflammation.Verona, Settembre 24-27, 1979 AAS. 1980, vol. 7, p. 155-158. Birkhäuser Verlag,Basel. .
134. Metabolic changes accompanying phagocytosis.
F. Rossi, P. Patriarca, D. Romeo,-In: "**The Reticuloendothelial**

System. Vol. 2. Biochemistry of the Reticuloendothelial System"
Edited by Antony J. Sbarra and Robert R. Strauss . Plenum Press.
1980, pp. 153-188.

133. Oxidative metabolism of mononuclear phagocytes.
F.Rossi, P. Bellavite, A.Dobrina, P.Dri, G. Zabucchi. In:
"Mononuclear Phagocytes: Functional aspects". Part II (R.van Furth,ed.)
Martinus Nijhoff Publishers 1980, p. 1187-1218.
132. Infiammazione. F.Rossi.
Enciclopedia Medica Italiana, 1979, VII, 1866-1927.
131. L'Infiammazione (parte prima) . Filippo Rossi
Quaderni di Patologia Generale .Piccin Editore-Padova 1979.
130. L'infiammazione (parte seconda) . Filippo Rossi
Quaderni di Patologia Generale. Piccin Editore- Padova 1979.
129. Oxidative metabolism of inflammatory cells.
F. Rossi, P. Dri, P. Bellavite, G. Zabucchi. In: **Adv. in Inflammation Research**,
Vol.1 edited by G.Weissman et al., Raven Press, 1979, pp. 139 - 155.
128. O₂⁻ and H₂O₂ production during the respiratory burst in alveolar macrophages. F.Rossi, G. Zabucchi, P. Dri, P. Bellavite, G. Berton.
In:**"Macrophages and Lymphocytes. Nature, Functions, and Interaction "**
Part A, (M.R. Escobar, H.Freidman, eds.) Advances in Experimental Medicine and Biology Vol. 121 A ,Plenum Publishing Co. 1979, pp. 53 - 74.
127. Molecular basis of the metabolic excitability of phagocytes.
Romeo, P. Dri, P. Bellavite, and F. Rossi, In**"Inborn Errors of Immunity and Phagocytosis"**. Edited by F.Guttler, J.W.T. Seakins, R.A. Harkness. MTP Press Limited, 1979, pp. 231-246.
126. La fagocitosi. F.Rossi. - **Enciclopedia Medica Italiana**, 1978,
VI, 640-651.
125. Effect of NADH and NADPH oxidase system in polymorphonuclear leucocytes. G. Berton, G. Zabucchi, F. Rossi, D. Romeo.
Bull. Mol. Biol. Med. 1978, 3: 153-158.
124. Interrelationship between oxigen consumption, superoxide anion and hydrogen peroxide formation in phagocytosing guinea pig polymorphonuclear leucocytes. P.Dri, P. Bellavite, G. Berton, F. Rossi.
Molecular Cell. Biochem. 1978, 23: 109-122.

123. The stimulation of the oxidative metabolism of polymorphonuclear leucocytes: effect of colchicine and cytochalasin B.
G.Zabucchi, M.R. Soranzo, G. Berton, D. Romeo, F. Rossi.
J. Reticuloendothelial Society 1978, 24: 451-460.
122. Infiammazione (prima parte). Eventi cellulari dell'infiammazione: aspetti biochimici della fagocitosi.
F.Rossi. - **Gazzetta Sanitaria 1977, 48: 100-117.**
121. Surface modulation of oxidative metabolism of polymorphonuclear leucocytes. D.Romeo, G. Zabucchi, F. Rossi,
In "**Movement, Metabolism and Bactericidal Mechanisms of Phagocytes**" .
F.Rossi, P.Patriarca, D. Romeo, eds.
Piccin Medical Books, Padova 1977, pp. 153-165.
120. The present status of the subcellular localization of the NAD(P)H oxidase in polymorphonuclear leucocytes. P.Patriarca, R.Cramer, P. Dri
in "**Movement, Metabolism and Bactericidal Mechanism of Phagocytes**" .
F.Rossi, P.triarca, D.Romeo, eds.
Piccin Medical Books, Padova 1977, pag. 167-174.
119. Studies on the role of myeloperoxidase in phagocytosis.
Production of superoxide and EPR spectra.
G.Rotilio, M.Brunori, P, Patriarca, P. Dri
In "**Movement Metabolism and Bactericidal Mechanism of Phagocytes**".
F.Rossi, P. Patriarca, D.Romeo, eds.
Piccin Medical Books, Padova 1977, pag. 207-221.
118. Polymorphonuclear leucocytes and the complement system: their relationship in inflammation. F.Tedesco, A. Tincani, P. Patriarca.
in "**Movement, Metabolism and Bactericidal Mechanism of Phagocytes**".
F.Rossi, P. Patriarca, D. Romeo, eds.
Piccin Medical Books, Padova 1977, p. 129- 132.
117. The mechanism of control of phagocytic metabolism.
F.Rossi, P. Patriarca, D. Romeo, G. Zabucchi. In "**The Reticuloendothelial_ System in Health and Disease. Function and Characteristics**" S.M.Reichard, M.R.Escobar, H.Friedman, eds.) Plenum Press 1976, vol.73 A pp. 205-223.
116. Studies on the mechanism of metabolic stimulation in polymorphonuclear leukocytes during phagocytosis. Activators and inhibitors of the granule bound NADPH oxidase.

P. Patriarca, P. Dri, K. Kakinuma, F. Rossi.
Molec. Cell. Biochem. 1976, 12: 137-146.

115. Exocytosis in human polymorphonuclear leukocytes induced by A23187 and calcium.
G.Zabucchi, M.R. Soranzo, F. Rossi, D. Romeo.
FEBS Letters 1975, 54: 44-47.
114. Metabolic perturbation of the inflammatory cells.
F. Rossi, D. Romeo, P. Patriarca.
In "**Future Trends in Inflammation II**" ed. By J.P.Giroud, D. Willoughby, G.P. Velo. Birkhauser Verlag, 1975, pp. 50-59.
113. Ion movement across the plasma membrane of leukocytes.
D.Romeo,G. Zabucchi, N. Miani, F. Rossi.
Nature New Biology 1975, 253: 542-544.
112. Studies on the mechanism of metabolic stimulation in polymorphonuclear during phagocytosis. I. Evidence for superoxide anion involvement in the oxidation of NADPH.
P.Patriarca, P. Dri, K.Kakinuma, F. Tedesco, F. Rossi.
Biochim. Biophys. Acta 1975, 385: 380-386.
111. Superoxide dismutase in leukocytes.
P.Patriarca, P.Dri, F.Rossi.
FEBS Letters 1974, 43, 247-251.
110. Perturbation of leukocyte metabolism by non phagocytosable Concanavalin A - coupled beads. D. Romeo,D. M. Jug, G. Zabucchi, F. Rossi.
FEBS Letters, 1974, 42: 90-93.
109. Metabolism of phagocytosing mononuclear phagocytes.
F. Rossi, G. Zabucchi, D. Romeo. In "**Mononuclear Phagocytes in Immunity, Infection and Pathology**" ed. by R. van Furth, Academic Press, 1974, 441- 464. (Relazione al Symposium on Mononuclear Phagocytes in Immunity, Infection and Pathology, Leiden (Olanda) settembre 1973).
108. Studies on the NADPH oxidizing activity in PMN leucocytes: the mode of association with the granule membrane, the relationship to myeloperoxidase and the interference of hemoglobin with NADPH oxidase determination
P.Patriarca,R.E. Basford, R. Cramer, P.Dri, F. Rossi.
Biochim.Biophys. Acta 1974, 362: 221-232.
107. Alteration of macrophages surface in thee course of immunological activation:

decay of metabolic response to Concanavalin A.
D.Romeo, G.Zabucchi, M. Jug, F. Rossi
Cellular Immunology 1974, 13: 313-321.

106. Role of cell surface in the regulation of oxidative metabolism of the phagocytes
D. Romeo, F. Rossi,F.
Acta Vitam. Enzymol. 1973, 27: 145-150.
105. Metabolic aspect of phagocytosis in polymorphonuclear leucocytes. F.Rossi.
Reunion de la Société Francaise d'Ematologie, Grenoble 16-17
Giugno 1973.
104. Regulation of oxidative metabolism and function of phagocytes.
F.Rossi, P. Patriarca, D. Romeo. In "**Future Trends in inflammation**",
ed by G.P. Velo, P.A. Willoughby, J.P. Giroud,
1973, pp. 103-124., Piccin Medical Books.(Relazione al Meeting
di Verona 1973).
103. Biochemical studies on the effect of papaverine on polymorphonuclear
leucocytes. P.Patriarca, R. Cramer, P. Dri, M.R. Soranzo,F. Rossi.
Biochem. Pharmacol. 1973, 22: 3257-3266.
102. NADPH oxidizing activity in rabbit polymorphonuclear leucocytes:
localization in azurophilic granules.
P.Patriarca, R.Crameer, P. Dri, L. Fant, R.E. Basford, F. Rossi.
Biochem. Biophys. Res. Commun. 1973, 53: 830-837.
101. Kinetic and enzymatic features of metabolic stimulation of alveolar and
peritoneal macrophages challenged with bacteria.
D.Romeo, Zabucchi, T.Marzi, F.Rossi.
Exp. Cell. Res. 1973,78: 423-432.
100. Reversible metabolic stimulation of polymorphonuclear leucocytes and
macrophages by Concanavalin A.
D.Romeo, G.Zabucchi, F.Rossi.
Nature New Biology. 1973, 243: 111-113.
99. Peroxidase activity of alveolar and peritoneal macrophages.
D.Romeo, R.Cramer, T. Marzi, M.R. Soranzo, G. Zabucchi. F. Rossi
J. Reticuloendothel. Soc. 1973, 13: 399-409.
98. Mechanism of Phagocytosis-associated oxidative metabolism
in polymorphonuclear leucocytes and macrophages.
F.Rossi, D.Romeo, P.Patriarca.

J. Reticuloendothel. Soc. 1972, 12: 127-149. - (Relazione al "Symposium on Biochemical and Bactericidal Alterations of Phagocytosis in Health and Diseases) (Detroit, USA, 1971).

97. Enzymatic basis of metabolic stimulation in leucocytes during phagocytosis: the role of activated NADPH oxidase.
P.Patriarca, R. Cramer, S.Moncalvo, F.Rossi, D.Romeo.
Arch. Biochem. Biophys. 1971, 145: 255-262.
96. Macrophage metabolism: activation of NADPH oxidation by phagocytosis.
D. Romeo,G. Zabucchi, M.R.Soranzo, F.Rossi. Biochem.
Biochem. Biophys. Res. Commun. 1971, 45: 1056-1059.
95. Mode of activation of granule-bound NADPH oxidase in leucocytes during phagocytosis.
P.Patriarca, R.Cramer, M. Marussi, F. Rossi, D.Romeo.
Biochim. Biophys. Acta 1971, 237: 335-338.
94. Sequence of events leading to de metabolic stimulation in PMN leucocytes during phagocytosis.
F.Rossi, P.Patriarca, D. Romeo. In "**The Reticuloendothel. System and Immune Phenomena**" ed. N.R. Di Luzio. **Adv. Exp. Med. Biol.** pp.1971,191-208.
93. Effect of specific antibodies on the metabolism of guinea pig polymorphonuclear leucocytes.
F.Rossi, M. Zatti, P. Patriarca,R. Cramer..
J.Reticuloendothel Soc. 1971, 9: 67-85.
92. Phospholipid splitting and metabolic stimulation in polymorphonuclear leucocytes.
P.Patriarca, RM. Marussi, S. Moncalvo, F.Rossi.
J. Reticuloendothel. Soc. 1971, 10: 251-268.
91. The enzymatic basis of the stimulation of respiration H_2O_2 production and HMP pathway in PMN leucocytes during phagocytosis.
F. Rossi, P. Patriarca, D. Romeo. Presentazione al "**Symposium on non-specific reactions in radiation pathology and radiation pharmacology**". Heidelberg/ Überlingen 3-4 August 1970.
90. Use of 1-anilino-8 naphtalene to study structural transitions in cell membrane of PMN leucocytes.
D.Romeo, R. Cramer, F. Rossi.
Biochem. Biophys. Res. Commun. 1970, 41: 582-588.

89. Stimulation of the respiration of polymorphonuclear leucocytes by phospholipase C.
P.Patriarca,M. Zatti, R. Cramer, F. Rossi.
Life Sciences, 1970, 9, part.I: 841-849.
88. Stimulation of the respiration of polymorphonuclear leucocytes by antileucocyte antibodies. F.Rossi,F., M. Zatti, P.Patriarca, R.Cramer.
Experientia, 1970, 26: 491-492.
87. The H₂O₂ production by polymorphonuclear leucocytes during phagocytosis.
M.Zatti, F.Rossi, P.Patriarca
Experientia 1968, 24: 669-671.
86. Fatty acid unsaturation and cholesterol content in normal and denervated muscle.
M.Zatti, P.Patriarca, V.Terribile, F.Rossi.
Experientia, 1969, 25: 1242-1243.
85. H₂O₂ production during NADPH oxidation by the granule fraction of phagocytosing polymorphonuclear leucocytes.
F.Rossi, M.Zatti, P. Patriarca.
Biochim. Biophys. Acta, 1969, 184: 201-203.
84. Mechanism of the respiratory stimulation in saponine-treated leucocytes.
The KCN - insensitive oxidation of NADPH.
F.Rossi, M.Zatti
Biochim. Biophys. Acta 1968, 153: 296-299.
83. Morphological observations on phagocytosing human and guinea pig polymorphonuclear leucocytes.
F.Rossi, M.Zatti, G.Mazzocchi, V.Meneghelli
Lo Sperimentale 1967, 117: 63-111.
82. Relationship between glycolysis and respiration in surfactant-treated leucocytes.
M.Zatti, F.Rossi
Biochim. Biophys. Acta 1967, 148: 553-555.
81. Interrelationship between structural and functional changes of polymorphonuclear leucocytes during phagocytosis.
V.Meneghelli, G.Mazzocchi, F.Rossi, M.Zatti –
Atti V Congresso Italiano di Microscopia Elettronica, Bologna 1965, pp. 75-79.
80. Mechanism of the respiratory stimulation in phagocytosing leucocytes. The KCN-insensitive oxidation of NADPH₂
M.Zatti, F.Rossi

Experientia 1966, 22: 758-762.

79. Effect of phagocytosis on the carbohydrate metabolism of polymorphonuclear leucocytes.
Rossi, M.Zatti-
Biochim. Biophys. Acta 1966, 121: 110-119.
78. Effect of Menadione on the phagocytic activity of guinea pig polymorphonuclear leucocytes.
F.Rossi, G.Zoppi
Experientia 1966, 22: 433-436.
77. The mechanism of the respiratory stimulation during phagocytosis in polymorphonuclear leucocytes.
F.Rossi, M.Zatti
Biochim. Biophys. Acta 1966, 113: 395-397.
76. Metabolic and morphologic changes of polymorphonuclear leucocytes during phagocytosis
M.Zatti, F.Rossi, V.Meneghelli
Brit. J. Exp. Pathol. 1965, 46: 227-233.
75. Early changes of hexose-monophosphate pathway activity and of NADPH oxidation in phagocytizing leucocytes.
M.Zatti, F.Rossi -
Biochim. Biophys. Acta 1965, 99: 557-561.
74. Pathway of glucose oxidation in leucocytes incubated in different conditions.
F.Rossi, M.Zatti, G.Zoppi
Experientia 1965, 21: 14-18.
73. Morphologic and metabolic concomitants of phagocytosis in polymorphonuclear leucocytes.
M.Zatti, F.Rossi, V.Meneghelli
J. de Microscopie 1965, 4 : 95-98.
72. Changes in the metabolic pattern of polymorphonuclear leucocytes during phagocytosis.
F.Rossi, M.Zatti .
Brit. J. Exp. Pathol. 1964, 45: 548-559.
71. Biochemical aspects of phagocytosis in polymorphonuclear leucocytes.
NADH and NADPH oxidation by the granules of resting and phagocytizing cells.
F.Rossi, M.Zatti - **Experientia 1964, 20: 2125-2018.**

70. Modificazioni qualitative della respirazione dei granulociti polinucleati nel corso della fagocitosi.
M.Zatti, F.Rossi, G.Zoppi - **Atti VIII Congresso della Società Italiana di Patologia**, Perugia 1963, pp743-747.
69. Influenza della vitamina K3 (2- metil-1-4-naftochinone) sulla respirazione dei granulociti e sulla ossidazione dei piridinnucleotidi nei granuli isolati.
F.Rossi, M.Zatti - **Atti VIII Congresso della Società Italiana di Patologia** Perugia 1963, pp. 705-708.
68. Respirazione e glicolisi dei granulociti neutrofili nelle prime fasi della fagocitosi.
F.Rossi, M.Zatti - **Atti VIII Congresso della Società Italiana di Patologia** Perugia 1963, pp. 701-703
67. Modificazioni metaboliche dei leucociti polinucleati che intraprendono la fagocitosi.
F.Rossi, M.Zatti - Comunicazione tenuta alla XLIV Riunione Scientifica_ del Centro Triveneto della Società Italiana di Patologia, Padova 1963
Riv. Anat. Patol. Oncol. 1963, 23: 31-33.
66. Pathway of glucose oxidation in leucocytes.
F.Rossi, M.Zatti
Exp. Cell Res. 1961, 25: 182-183.
65. Sistema carbossilativo per la transidrogenazione dei coenzimi nei leucociti.
Rapporti con la glicolisi e la respirazione.
M.Zatti, F.Rossi
Giorn. Biochim. 1961, 10: 1-24.
64. Il metabolismo dei leucociti polinucleati di essudato in rapporto alle relazioni connesse con la riduzione e riossidazione dei coenzimi piridinici.
M.Zatti, F.Rossi
Atti Soc. It. Patol. 1959, 6: 665-668.
63. Ricerche su alcune reazioni connesse con la riduzione e la riossidazione dei coenzimi piridinici nei leucociti.
M.Zatti, F.Rossi
Giorn. Biochim. 1959, 8: 267-274.
62. Consumo di ossigeno dei leucociti polinucleati e suoi rapporti con la catena citocromica. Zatti, F.Rossi –
Lo Sperimentale 1959, 109: 495-503.

61. Lipasi e ossidazione degli acidi grassi nei leucociti polinucleati.
M.Zatti, F.Rossi
Boll. S.I.B.S. 1959, 35: 1398-1400.
60. Variazione del quoziante respiratorio e del consumo di ossigeno
dei leucociti polinucleati in presenza di fenilacetato.
F.Rossi, M.Zatti
Boll. S.I.B.S. 1959, 35, 1395-1397.
59. Le funzioni ossidative dei leucociti polinucleati.
M.Zatti, F.Rossi
Boll. S.I.B.S. 1960, 36: 1111-1113.
58. Liver phospholipides after CCl₄ intoxication in rats.
M.Zatti, F.Rossi, G.Zoppi. **Experientia 1965, 21: 215-218.**
57. Aspetti ed elementi essenziali di un Collegio Universitario
Carlo Gregolin , Filippo Rossi
Convegno Nazionale di Studio “I Collegi Universitari in Italia “
Milano 13-15 novembre 1964
56. Changes in the Activities of Urea-Cycle Enzymes after the Administration of
Carbon Tetrachloride.
P.McLean, F.Rossi
Biochem. J. 1964, 91: 261-270.
55. Effect of carbon tetrachloride intoxication on the activity of enzymes of the
urea cycle in rat liver.
F.Rossi, P.McLean
Nature 1963, 197: 1207-1208.
54. Activation of aminoacids in the liver in CCl₄ intoxication.
F.Rossi, M.Zatti
Experientia 1963, 19: 197-199.
53. Liver and plasma phosphatides during the initial stages of carbon tetrachloride
intoxication in rats.
F.Rossi, M.Zatti
Brit. J. Exp. Pathol. 1963, 44: 131-136.
52. Evidence for the existence of the hexosomonophosphate pathway for glucose
metabolism in the normal and denervated skeletal muscle of rats.
F.Rossi, M.Zatti, A.L. Greenbaum
Biochem. J. 1963, 87: 43-48.

51. Ricerche su alcune vie di riossidazione del TPNH in condizioni di maggiore attività della G-6-P deidrogenasi e 6-P-G deidrogenasi del muscolo.
F.Rossi, M.Zatti, A.Tartarini
Lo Sperimentale 1963, 113: 15-23.
50. Aumentata attività della G-6-P deidrogenasi in processi patologici regressivi nel muscolo scheletrico.
M.Zatti, F.Rossi, A.Tartarini
Giorn. Biochim.1962, 11: 242-251.
49. Incorporazione di P32 nei fosfolipidi di muscoli atrofici per denervazione e tenotomia incubati in vitro.
M.Zatti, F.Rossi. **Rend. Acc. Naz. Lincei 1962, 32: 756-760.**
48. Osservazioni preliminari sulla ossidazione diretta del glucosio-6- fosfato in alcuni processi patologici di tipo regressivo.
F.Rossi, M.Zatti
Boll. S.I.B.S. 1960, 36: 1113-1116.
47. Interrelazioni tra attività enzimatiche dello shunt degli esosomonofosfati e mitocondri.
F.Rossi, M.Zatti. **Giorn.Biochim. 1960, 9: 38-48 .**
46. Inibizione da TRIS della G-6-P deidrogenasi e influenza dei mitocondri.
F.Rossi, M. Zatti.
Boll. S.I.B.S. 1959,35: 1834-1835.
45. Caduta dell'attività glucosio-6-fosfato deidrogasica prevenuta dalla colina nel fegato di ratti a dieta iperlipidica.
F.Rossi
Boll. S.I.B.S. 1959,35: 1400-1401.
44. Activation of fatty acids in the liver in Carbon Tetrachloride poisoning.
F.Rossi, M.Zatti
Experientia 1960, 16: 513-517.
43. Attivazione degli acidi grassi nella steatosi epatica da tossici (CCl4).
F.Rossi. **Giorn. Biochim. 1958, 7: 430-440.**
42. Patogenesi delle steatosi epatiche. Modificazioni di attività enzimatiche TPN dipendenti in alcune forme di intossicazione da CCl4 e nella steatosi da dieta iperlipidica.
F. Rossi, M. Zatti.

Giorn. Biochim. 1959, 8: 374-390.

41. Modificazioni dell'attività glucoso-6-fosfato deidrogenasica in alcune forme di steatosi epatica.

F.Rossi, M.Zatti

Boll. S.I.B.S. 1959, 35: 1831-1833.

40. Ricerche sull'attività di alcune deidrogenasi TPN e DPN dipendenti nel fegato grasso da CCl₄.

F.Rossi, M.Zatti

Atti Soc. It. Patol. 1959, 6: 659-663.

39. The action of phenyl-ethyl-acetic acid and beta-benzalbutiric acid on first step of fatty acids activation.

C.S.Rossi, F.Rossi, C.M. Gregolin

Proceedings of the Symposium on Drugs Affecting Lipid Metabolism

Ed. S.Garattini, R.Paoletti, Elsevier Publishing Co., Amsterdam 1961,259-265

- 38 .Idem in extenso su " **Giorn. Biochim."** 1958, 7: 425-429.

37. Influenza dell'acido fenil-etil-acetico sulla formazione di acetil-fosfato catalizzata dall'acetochinasi di E.coli.

F.Rossi, C.S. Rossi

Boll. S.I.B.S. 1958, 34: 819-820.

36. Acido fenil-etil-acetico e formazione degli acil-AMP.

C.S. Rossi, F.Rossi

Boll. S.I.B.S. 1958, 34: 820-821.

35. Idem in extenso su " **Giorn. Biochim.**", 1958, 7: 418-424.

34. Formazione degli acil-AMP nel fegato di ratto.

C.S. Rossi, F.Rossi

Giorn. Biochim. 1958, 7: 411-417.

33. Alcuni aspetti del metabolismo lipidico dei tumori: la formazione degli acil-Coenzima A nell'epatoma da dimetilaminoazobenzolo.

C.R. Rossi, F.Rossi, C.S. Rossi

Boll. S.I.B.S. 1957, 33: 1770-1772.

32. Sulla formazione degli acetil-Coenzima nel fegato di ratti in avitaminosi da biotina.

C.S. Rossi, C.R. Rossi, F.Rossi

Lo Sperimentale 1957, 107: 255-259.

31. Intensità d'azione dei sistemi enzimatici ossidasici degli acidi grassi nell'avitaminosi da biotina.
C.R. Rossi, F.Rossi, C.S. Rossi
Lo Sperimentale 1957, 107: 247-254.
30. Sintesi dell'ossalacetato e utilizzazione del piruvato nell'avitaminosi H.
C.S. Rossi, F. Rossi, C.R. Rossi
Lo Sperimentale 1957, 107: 243-246.
29. Diabete allossanico.
F.Rossi, Voce per la **Enciclopedia Medica Italiana** (Volume aggiornamento) 1958, 1012-1016.
28. Il sistema enzimatico ossidasico degli acidi grassi nel fegato di ratti diabetici per allossana.
F.Rossi, C.S. Rossi, C.R. Rossi
Experientia 1957, 13: 329-333.
27. Il ricambio respiratorio e il metabolismo dell'acido acetacetico nel fegato di ratti diabetici per allossana.
F.Rossi, C.R. Rossi
Experientia 1957, 13: 325-328.
26. Attività glutammico-ossalacetico-transaminasica in alcuni organi di ratti diabetici per allossana.
F.Rossi, G.Tomatis
Lo Sperimentale 1957, 107: 86-89.
25. Determinazione quantitativa dell'acetochinasi nell'E. coli.
C.S. Rossi, F. Rossi. **Giorn. Biochim.** 1957, 107: 261-269.
24. L'attivazione dell'acetato nell'E.coli da uretano.
F.Rossi, C.S. Rossi
Lo Sperimentale 1957, 107: 371-375.
23. Sui rapporti tra morfologia e composizione chimica nei microrganismi:
Il contenuto in aminoacidi delle forme mostruose.
G.Rossi, G.Perona
Giorn. Batt. e Immunol. 1957, 50: 454-457.
22. Attività transaminante in cellule integre e in estratti acellulari di batteri normali e filamentosi.
G.Tomatis, F.Rossi.

Lo Sperimentale 1957, 107: 392-403.

21. Ulteriore contributo ai rapporti tra morfologia e metabolismo nei micorganismi.
Ricerche su cellule integre e su estratti batterici.

F.Rossi, G.Tomatis.

Lo Sperimentale 1957, 107: 384-392.

20. Sui rapporti tra morfologia e metabolismo nei microorganismi -
L'attività glutammico-ossalacetico-transaminasica nelle forme
mostruose di E. coli.

G.Tomatis, F.Rossi.

Lo Sperimentale 1957, 107: 90-93.

19. Diabete da allossana - Sulla formazione di acil-coenzima A nel fegato.

C.R. Rossi, C.S. Rossi, F. Rossi

Experientia 1956, 12: 391-395.

18. Diabete da allossana - Rapporti tra utilizzazione del fruttosio e attività
cocarbossilasica.

C.R. Rossi, F.Rossi, C.S. Rossi

Experientia 1956, 12: 389-393.

17. Azione del malonato di sodio sulla respirazione dell'E.coli.

F.Rossi, G.Tomatis

Nuovi Annali di Igiene e Microb. 1956, 7: 292-295.

16. L'azione del sodio e del potassio su alcune attività ossidanti dell'E.coli.

F.Rossi

Lo Sperimentale 1956, 106, 214.

15. Comportamento del fosforo inorganico in seguito a somministrazione di
aminoacidi nel coniglio diabetico.

F.Rossi, G.Tomatis

Riv. Anat. Oncol. 1955, 10: 761.

14. Ossidazione della glicina e della alanina nelle forme pleimorfe di E. coli da
uretano.

F.Rossi, G.Tomatis, B.Lombardi **Boll. S.I.B.S. 1955, 31 : 511-513.**

13. Attività glucodeidrogenasica, latticodeidrogenasica e piruvicodeidrogenasica -
nelle forme pleimorfe da uretano.

F.Rossi, B.Lombardi, G.Tomatis

Boll. S.I.B.S. 1955, 31: 1014-1016.

12. Ossidazione del glucosio e dell'acido piruvico nelle forme pleiomorfe da uretano.
F.Rossi, G.Tomatis, B.Lombardi
Boll.S.I.B.S. 1955, 31: 1011-1013.
11. Attività succinicodeidrogenasica, alfa-chetoglutarico-deidrogenasica e malicodeidrogenasica nelle forme pleiomorfe da etil-uretano.
B.Lombardi, F.Rossi, G.Tomatis
Boll. S.I.B.S. 1955, 31: 513-515.
10. Potere complementare ed edema da albume di uovo.
A.Narpozzi, F.Rossi
Boll. S.I.B.S 1954, 30: 1163-1165.
9. Acido ascorbico ed edema da albume di uovo nel ratto surrenalectomizzato.
F.Rossi, A.Narpozzi
Boll. S.I.B.S. 1954, 30: 1165-67.
8. Influenza di sospensioni colloidali e corpuscolare sull'edema da albume d'uovo
A.Narpozzi, F.Rossi - **Pat. Sperim. 1954, 42: 138-145.**
7. Su alcune attività metaboliche delle forme pleiomorfe da uretano .
G.Tomatis, F.Rossi
Boll. I.S.M. 1953, 34: 170-176.
6. L'edema da albume d'uovo nel ratto dopo somministrazione di acido ascorbico.
A.Narpozzi, F.Rossi
Boll. S.I.B.S 1953, 29: 1991-1993.
5. Pleiomorfismo da uretano nel Vibrio comma.
F.Rossi
Boll. S.I.B.S. 1953, 29: 1684-1687.
4. Sulla patogenesi dell'edema da albume di uovo - Influenza dell'anestesia generale Ricerche sperimentali.
A.Narpozzi, F.Rossi
Boll. Istituto Sieroterapico Milanese 1953 , 32: 482-484.
3. Studio elettroforetico sulle alterazioni proteiche indotte dall'agar su siero di cavia.
F.Rossi, G.Tomatis
Boll. S.I.B.S 1953 , 29: 1066-1067
2. Sui rapporti tra eparina e anafilotossina.
G.Tomatis, F.Rossi

Boll. S.I.B.S. 1953 , 29 : 95-97.

1. Contributo allo studio dell'anafilotoxina.

F.Rossi, G. Tomatis

Boll. Istituto Sieroterapico Milanese 1952, 31: 535-544.