

Jens Z. Pedersen

1985: Laurea (*Candidatus scientiarum*) in Biochimica, Università di Odense, Danimarca.

1985-1989: Posizioni Post-Doc all'Università di Odense, al Danish Natural Sciences Research Council, e all'Università di Roma Tor Vergata.

1990-1993: Professore a contratto all'Università di L'Aquila e all'Università di Camerino. 1994-1996: Ricercatore CNR all'Istituto di Medicina Sperimentale, Roma.

1996-1999: Responsabile del laboratorio EPR del Centro Bio-Inorganico e Ricercatore al Dip. di Chimica, Università di Odense, Danimarca.

2000: Professore Associato al Dip. di Biologia, Università di Roma Tor Vergata.

Pubblicazioni recenti

- RINALDUCCI S, PEDERSEN JZ, ZOLLA L (2008). Generation of Reactive Oxygen Species upon strong visible light irradiation of isolated phycobilisomes from *Synechocystis* PCC 6803. *BIOCHIMICA ET BIOPHYSICA ACTA-BIOENERGETICS*, vol. 1777; p. 717-724, ISSN: 0005-2728
- FILOMENI G, CERCHIARO G, FERREIRA AMDC, DE MARTINO A, PEDERSEN JZ, ROTILIO G, CIRIOLO MR (2007). Pro-apoptotic activity of novel isatin-Schiff base copper(II) complexes depends on oxidative stress induction and organelle-selective damage. *THE JOURNAL OF BIOLOGICAL CHEMISTRY*, vol. 282; p. 12010-12021, ISSN: 0021-9258
- INCERPI S, FIORE AM, DE VITO P, PEDERSEN JZ (2007). Involvement of plasma membrane redox systems in hormone action. *JOURNAL OF PHARMACY AND PHARMACOLOGY*, vol. 59; p. 1711-1720, ISSN: 0022-3573
- PEDERSEN JZ, DE MARIA F, TURELLA P, FEDERICI G, MATTEI M, FABRINI R, DAWOOD KF, MASSIMI M, CACCURI AM, RICCI G (2007). Glutathione transferases sequester toxic dinitrosyl-iron complexes in cells: a protection mechanism against excess nitric oxide. *THE JOURNAL OF BIOLOGICAL CHEMISTRY*, vol. 282; p. 6364-6371, ISSN: 0021-9258
- PEDERSEN JZ, OLIVEIRA C, INCERPI S, KUMAR V, FIORE AM, DE VITO P, PRASAD AK, MALHOTRA SV, PARMAR VS, SASO L (2007). Antioxidant activity of 4-methylcoumarin compounds. *JOURNAL OF PHARMACY AND PHARMACOLOGY*, vol. 59; p. 1721-1728, ISSN: 0022-3573
- STELLA L, PALLOTTINI V, MORENO S, LEONI S, DE MARIA F, TURELLA P, FEDERICI G, FABRINI R, DAWOOD KF, LO BELLO M, PEDERSEN JZ, RICCI G (2007). Electrostatic association of glutathione transferase to the nuclear membrane. *THE JOURNAL OF BIOLOGICAL CHEMISTRY*, vol. 282; p. 6372-6379, ISSN: 0021-9258
- FARIAS RN, FIORE AM, PEDERSEN JZ, INCERPI S (2006). Nongenomic actions of thyroid hormones: focus on membrane transport systems. *IMMUNOLOGY, ENDOCRINE & METABOLIC AGENTS IN MEDICINAL CHEMISTRY*, vol. 6; p. 241-254, ISSN: 1871-5222
- CESAREO E, PARKER LJ, PEDERSEN JZ, NUC CETELLI M, MAZZETTI AP, PASTORE A, FEDERICI G, CACCURI AM, RICCI G, ADAMS JJ, PARKER MW, LO BELLO M (2005). Nitrosylation of human glutathione transferase P1-1 with dinitrosyl diglutathionyl iron complex in vitro and in vivo. *THE JOURNAL OF BIOLOGICAL CHEMISTRY*, vol. 280; p. 42172-42180, ISSN: 0021-9258
- LONGU S, PADIGLIA A, PEDERSEN JZ, FINAZZI AGRO A, MURA A, MACCIONI P, FLORIS G, MEDDA R (2005). Nitric oxide covalently labels a 6-hydroxydopa-derived free radical intermediate in the catalytic cycle of copper/quinonecontaining amine oxidase from lentil seedlings. *BIOLOGICAL CHEMISTRY*, vol. 386; p. 25-31, ISSN: 1431-6730
- FOXON SP, TORRES GR, WALTER O, PEDERSEN JZ, TOFTLUND H, HUBER M, FALK K, HAASE W, CANO J, LLORET F, JULVE M, SCHINDLER S (2004). Syntheses, structures, and magnetic properties of copper(II) complexes with 1,3-[bis(2-pyridylmethyl)amino]benzene (1,3-tpbd) as ligand. *EUROPEAN JOURNAL OF INORGANIC CHEMISTRY*, vol. 2004; p. 335-343, ISSN: 1434-1948
- PADIGLIA A, FLORIS G, LONGU S, SCHININA ME, PEDERSEN JZ, DE ANGELIS F, FINAZZI AGRO A, MEDDA R (2004). Inhibition of lentil copper/TPQ amine oxidase by the mechanism-based inhibitor derived from tyramine. *BIOLOGICAL CHEMISTRY*, vol. 385; p. 323-329, ISSN: 1431-6730

RINALDUCCI S, PEDERSEN JZ, ZOLLA L (2004). Formation of radicals from singlet oxygen produced during photoinhibition of isolated light harvesting proteins of photosystem II. *BIOCHIMICA ET BIOPHYSICA ACTA-BIOENERGETICS*, vol. 1608; p. 63-73, ISSN: 0005-2728

SPAGNOLO L, TORO I, D'ORAZIO M, O'NEILL P, PEDERSEN JZ, CARUGO O, ROTILIO G, BATTISTONI A, DJINOVIC-CARUGO K (2004). Unique features of the sodC-encoded superoxide dismutase from *Mycobacterium tuberculosis*, a fully functional copper-containing enzyme lacking zinc in the active site. *THE JOURNAL OF BIOLOGICAL CHEMISTRY*, vol. 279; p. 33447-33455, ISSN: 0021-9258