

BIBLIOGRAFÍA

- ARREDONDO, F.J.L. 1990. La Acuicultura en México: De los Conceptos a la Producción. Instituto de Biología. Universidad Autónoma de México. México.
- BADUI, D.S. 1993. **Química de los Alimentos**. Tercera edición. Editorial Alhambra Mexicana. México.
- BJARNI, A., BJARNASON, J.B. 1991. Structural and Kinetic Properties of Chymotrypsin. *Comp. Biochem. Physiol.* Vol. 99B, No. 2. pp 327-335.
- BOHINSKI, R. 1991. **Bioquímica**. Quinta edición. Editorial Addison-Wesley Iberoamericana, S.A. USA.
- BUCK, F.F., VITHAYAFHIL, A.J., BIER, M., NORD, F.F. 1962. On the Mechanism of Enzyme Action. Studies on Tripsins from Beef Sheep and Pig Pancreas. *Arch. Biochem. Biophys.* 97:417- 424.
- CONN, E., STUMPF, P.K. 1986. **Bioquímica Fundamental**. Tercera edición. Editorial LIMUSA. México, D.F.
- COOLER, F.W. 1976. **Enzymes: Use and Control in Foods**. Institute of Food Technologists. USA. Pág. 3-2,3.
- DALL, W., MORIARTY, D.J. 1983. **Functional Aspects of Nutrition and Digestion in the Biology of Crustacea**. Vol. 5. Internal Anatomy and Physiological Regulation. Academic Press. New York, USA.
- DALL W., HILL B.J., ROTHLSBERG P.C., STAPLES D.J. 1990. **The Biology of the Penaeidae. Advances in Marine Biology**. (Blaxter J.H.S. and Southward A.J., eds.), Vol. 27. pag. 489. Academic Press, London.
- DORE, I., FRIMODT, C. 1987. **An Illustrated Guide to Shrimp of the World**. Edit. Osprey Books, pag. 137.

- ERLANGER, B.F., KOKAWSKY, N., COHEN, W. 1961. The Preparation and Properties of Two New Chromogenic Substances of Trypsin. *Arch. Biochem. Biophys.* 95:271-278
- FARREL, D.H., CROSA, J.H. 1991. Purification and Characterization of a Secreted Protease from the Pathogenic Marine Bacterium *Vibrio anguillarum*. *American Chemical Society.* 30, 3432-3436.
- FENNEMA., O.R. 1993. **Química de los Alimentos**. Segunda edición. Editorial Acirbia. Madrid, España.
- FINLEY, J.W., SCHUWASS, D.E. 1983. **Xenobiotics in Food and Feeds**. American Chemical Society, USA.
- GARCIA, G.A. 1992. **Explotación y Manejo del Recurso Camarón**. Ciencia y Desarrollo, Vol. XVIII. Publicación del Consejo Nacional de Ciencia y Tecnología. México.
- GARCIA-CARREÑO, F.L., HAARD, N.F. 1993. Characterization of Proteinase Classes in Langostilla (*Pleuroncodes planipes*) and Crayfish (*Pasifastacus astacus*) Extracts. *J. of FoodBiochem.* 17. 97-113.
- GARCIA-CARREÑO, F.L. 1992. The Digestive Proteases of Langostilla (*Pleuroncodes planipes*, decapoda): Their Partial Characterization, and the Effect of Feed on Their Composition. *Comp. Biochem. Physiol.* 103B, 575-578.
- GREEN, A.A., HUGHES W.L. 1955. **Methods in Enzymology**. Colowick and Kaplan, ed. P-L Biochemicals, Inc. Milwaukee, Wis.
- GUIZANI, N., ROLLE, R.S., MARSHALL, M.R., WEI, C.I. 1991. Isolation, Purification and Characterization of a Trypsin from the Piloryc Ceca of Mullet (*Mugil cephalus*). *Comp. Biochem. Physiol.* Vol. 98B, No. 4, pp. 517-521.
- HARTREE, E.F. 1972. Determination of Protein: A Modification of the Lowry Method that Gives a Linear Photometric Response. *Anal. Biochem.* 48:422-427.
- HJELMELAND, K., RAA, J. 1982. Characteristics of Two Trypsins Isozymes Isolated from the Artic Fish Capelin (*Mallotus villosis*). *Comp. Biochem. Physiol.* 71B, 557-562.

- HONJO, I., KIMURA, S., NONAKA, M. 1990. Purification and Characterization of Trypsin-like Enzyme from Shrimp (*P. indicus*). *Nippon Suisan Gakkaishi* 56, 1627-1634.
- JANY, K.D. 1976. Studies in the Digestive Enzymes of the Stomachless Bonefish (*Carassius auratus gibelio*) (Bloch): Endopeptidases. *Comp. Biochem. Physiol.* 78, 335-361.
- JIANG, S.T., MOODY, M.W., CHEN, H.C. 1991. Purification and Characterization of Proteases from Digestive Tract of Grass Shrimp (*Penaeus monodon*). *J. of Food Sci.* Vol. 56, No. 2, pp. 322-326.
- JIANG, S.T., TSAO, C.Y., WANG, Y.T., CHEN, C.S. 1990. Purification and Characterization of Proteases from Milkfish Muscle (*Chanos chanos*). *J. of Agric. and Food Chem.* 38(7)1458-1463.
- KAKADE, L.M., RACKIS J.J., MCGHEE, J.E., PUSKI, G. 1974. Determination of Trypsin Inhibitor Activity of Soy Products: A Collaborative Analysis of an Improved Procedure. *Cereal Chem.* 51:376.
- KRISTJANSSON, M.M. 1991. Purification and Characterization of Trypsin from the Pyloric Caeca from Rainbow Trout (*Oncorhynchus mykiss*). *J. of Agric. and Food Chem.* 39(10)1738-1742.
- LAEMMLI, U. K. 1970. Cleavage of Structural Proteins During the Assembly of the Head of Bacteriophage T4. *Nature* 227:680.
- LAN, C. C., PAN, B. S. 1993. In-vitro Digestibility Simulating the Proteolysis of Feed Protein in the Midgut Gland of Grass Shrimp (*P. monodo*). *Aquaculture* Vol. 109 (1); pp 59-70.5222
- LIU, K., MARKAKIS, P. 1989. An Improved Colorimetric Method for Determining Antitryptic Activity in Soybean Products. *Cereal Chem.* 66(5):415-422.
- MARTONE, C.B., BUSCONI, L., FOLCO, E., SANCHEZ, J. 1991. Detection of a Trypsin-like Serine Proteases and its Endogenous Inhibitor in Hake Skeletal Muscle. *Arch. of Biochem. and Biophys.* Vol. 289, No. 1, pp. 1-5.
- MURAKAMI, K., NODA, M. 1981. Studies on Proteinases from the Digestive Organs of Sardine-Purification and Characterization of Three Alkaline Proteinases from the Pyloric Ceca. *Biochem. Biophys. Acta* 65B, 17-26.

- MURRAY, R., GRANNER, D., MAYES, P., RODWELL, V. 1992. **Bioquímica de Harper**. Editorial El Manual Moderno. México, D. F.
- OCEAN GARDEN. 1991. **Comportamiento del Mercado del Camarón**. Boletín 8 (45).
- REECE, P. 1988. **Recovery of Proteases From Fish Wastes**. Ministry of Agriculture, Fisheries and Food. Torrey Research Station. Aberdeen, United Kingdom.
- ROSENBERRY, B. 1991. **World Production of Farm Raised and Captured**. World Shrimp Farming, USA.
- SANFORD, A.L., SPRINGHORN, S.S. 1980. Renaturation of Enzymes After Polyacrylamide Gel Electrophoresis in the Presence of Sodium Dodecyl Sulfate. *J. of Biol. Chem.* Vol. 255, No. 15. pp. 7467-7473.
- SCRIBAN, R. 1985. **Biología**. Segunda edición. Editorial El Manual Moderno. México.
- SEMARNAP SONORA. 1994. Anuario Estadístico de Pesca. Subsecretaría de Pesca.
- SEMARNAP SONORA. 1996. Anuario Estadístico de Pesca. Subsecretaría de Pesca.
- SIMPSON, B.K., SIMPSON, M.V., HAARD, N.F. 1990. Properties of Trypsin from the Pyloric Ceca of Atlantic Cod (*Gadus morhua*). *J. of Food Sci.* 55(4):959-961, 971.
- SIMPSON, B.K., HAARD, N. F. 1987. Cold-Adapted Enzymes from Fish. *In: Food Biotechnology*. D. Knorr, ed. pp. 495-528. Marcel Decker, New York.
- SMITH, C., VAN, M.W., TWAALFHOVEN, L. and HITCHCOCK, C. 1980. The Determination of Trypsin Inhibitor Levels in Foodstuffs. *J. Sci. Food Agric.* 31,341-350.
- YOSHINAKA, R., SUZUKI, T., SATO, M., IKEDA, S. 1983. Purification and Some Properties of Anionic Trypsin from the Catfish Pancreas. *Bull. Japan Soc. Fish.* 49, 207-212.