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Titolo	Fish osmoregulation / / editors, Bernardo Baldisserotto, Juan Miguel Mancera, B.G. Kapoor
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Nota di contenuto	Immune and Osmoregulatory System Interaction -- The Involvement of the Thyroid Gland in Teleost Osmoregulation -- Diet and Osmoregulation -- The Renin-Angiotensin Systems of Fish and their Roles in Osmoregulation -- Effect of Water pH and Hardness on Survival and Growth of Freshwater Teleosts -- Arginine Vasotocin and Isotocin: Towards their Role in Fish Osmoregulation -- Cellular and Molecular Approaches to the Investigation of Piscine Osmoregulation: Current and Future Perspectives -- Osmoregulation and Fish Transportation -- Special Challenges to Teleost Fish Osmoregulation in Environmentally Extreme or Unstable Habitats -- Energy Metabolism and Osmotic Acclimation in Teleost Fish -- The Renal Contribution to Salt and Water Balance -- Intestinal Transport Processes in Marine Fish Osmoregulation -- The Use of Immunochemistry in the Study of Branchial Ion Transport Mechanisms -- Rapid Regulation of Ion Transport in Mitochondrion-rich Cells -- Control of Calcium Balance in Fish -- Role of Prolactin, Growth Hormone, Insulin-like Growth Factor I and Cortisol in Teleost Osmoregulation.

**Sommario/riassunto**

Fish lives in environments with a wide variety of chemical characteristics (fresh, brackish and seawater, acidic, alkaline, soft and hard waters). From an osmoregulatory point of view, fish have developed several mechanisms to live in these different environments. Fish osmoregulation has always attracted considerable attention and in the last years several studies have increased our knowledge of this physiological process. In this book several specialists have analyzed and reviewed the new data published regarding fish osmoregulation. The chapters present an integrative synthesis of the different aspects of this field focusing on osmoregulation in specific environments or situations, function of osmoregulatory organs, general mechanisms and endocrine control. In addition, interactions of osmoregulatory mechanisms with the immune system, diet and metabolism were also reviewed. New emerging techniques to study osmoregulation has also been analysed.

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Tieszen Charles Lowell &lt;1978-&gt;

Christian identity amid Islam in medieval Spain [[electronic resource] /]  
/ by Charles L. Tieszen

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Christianity and other religions - Islam

Islam - Relations - Christianity

Christians - Spain - History - To 1500

Islam - Spain - History - To 1500

Inglese

Materiale a stampa

Monografia

Description based upon print version of record.

Includes bibliographical references and index.

Preliminary Material -- Introduction -- 1 Contending Borders -- 2  
Outlining Borders of Religious Identity -- 3 The Borders that Divide --  
4 Becoming a Mozarab Center -- 5 Another View from the Borders of  
Religious Identity -- 6 Permeable Borders -- Conclusion --

## Bibliography -- Index.

### Sommario/riassunto

In *Christian Identity amid Islam in Medieval Spain* Charles L. Tieszen explores a small corpus of texts from medieval Spain in an effort to deduce how their authors defined their religious identity in light of Islam, and in turn, how they hoped their readers would distinguish themselves from the Muslims in their midst. It is argued that the use of reflected self-image as a tool for interpreting Christian anti-Muslim polemic allows such texts to be read for the self-image of their authors instead of the image of just those they attacked. As such, polemic becomes a set of borders authors offered to their communities, helping them to successfully navigate inter-religious living.