Announcement

International Congress of Ophthalmology, USA 1982
San Francisco is the host city for the XXIVth International Congress of Ophthalmology, which
will convene October 31-November 5, 1982. The history of these meetings goes back 125 years
to the first congress held in Brussels. Their purpose was and continues to bring together
ophthalmologists from around the world to exchange new ideas and information in order to
advance the treatment of eye diseases all over the world.

The Board of Directors of the American Academy of Ophthalmology, as part of their decision to
organize and sponsor the Congress, agreed to combine the Annual Meeting of the American
Academy with the International Congress. This effort will probably produce the largest gathering
of ophthalmologists in history. Attendance is expected to reach 20,000–25,000.

The Organizing Committee has requested abstracts of scientific papers, exhibits or films be
mailed so that they are received by December 15, 1981. Requests for abstract submission forms
should be directed to Frederick C. Blodi, MD, ICO, Box 3030, San Francisco, CA 94119, USA.
The major meetings and the exhibits will take place in the soon-to-be completed Moscone
Convention Center. The commercial exhibit will encompass more than 300 companies supplying
products and services to ophthalmologists. Moscone Convention Center is expected to be one of
the most sophisticated facilities of its type in the world. A number of social events, such as a
large reception, a concert and a performance by the San Francisco Opera are tentatively planned.
For further information contact Dr. Bruce Spivey, Secretary General, International Congress of
Ophthalmology, PO Box 3030, San Francisco, CA 94119, USA.

Original Paper · Travaux originaux · Originalarbeiten
Elektronenmikroskopische Untersuchungen über den Aufbau des Pigmentepithels an der Ora
serrata
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Key Words
Pigment epithelium · Ora serrata · Electron microscopical investigations
Electron Microscopic Observations on the Structure of the Pigment Epithelium in the Region of
the Ora serrata
Abstract
The structure of the pigment epithelium at the ora serrata is examined in 10 human eyes aged
from 31 to 90 years. The cells of the pigment epithelium show a different construction depending
on their position relative to the ora. Directly at the ora serrata, in the cohesion band, the cells are
higher and contain more pigment granula than those which are situated in a central region. In this
sector we sometimes find overlapping of cells, which feigns two layers of epithelium. There are
clearly fewer basal folding ins of the pigment epithelial cells at the ora than in the other parts of
the retina. At the ora serrata pathological changes start in the 3rd decade of life. They include
swelling and later on more or less pronounced cystoid degeneration of the epithelial cells. Within Bruch’s membrane two kinds of cells are seen. In the ora gap six types of free cells can be distinguished, whose origin is discussed especially. Probably they originate from the chorioidea, the pigment epithelium and the sensory retina.


Elektronenmikroskopische Untersuchungen über die Ora serrata liegen bisher nur in geringer Zahl vor unter anderem Arbeiten