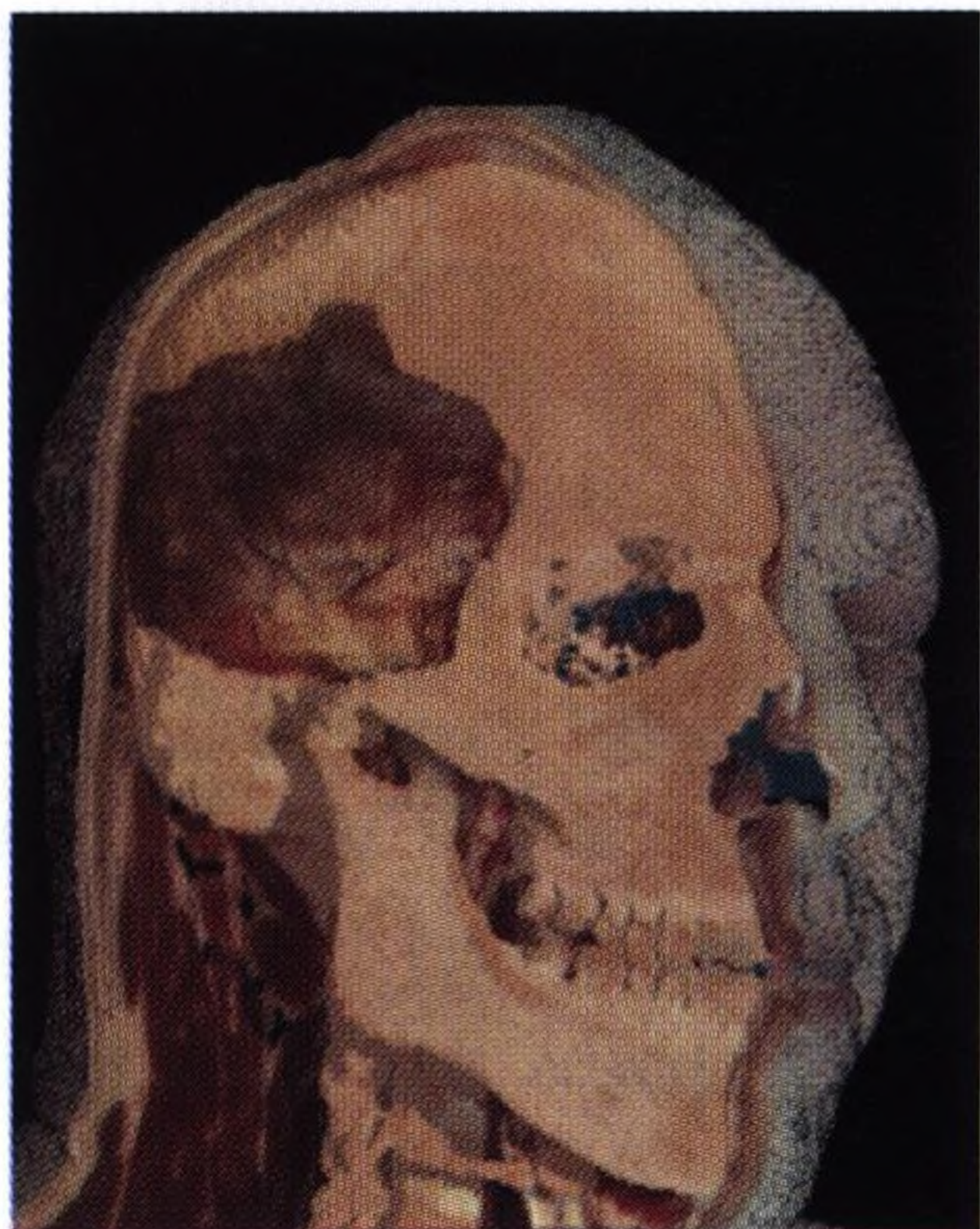


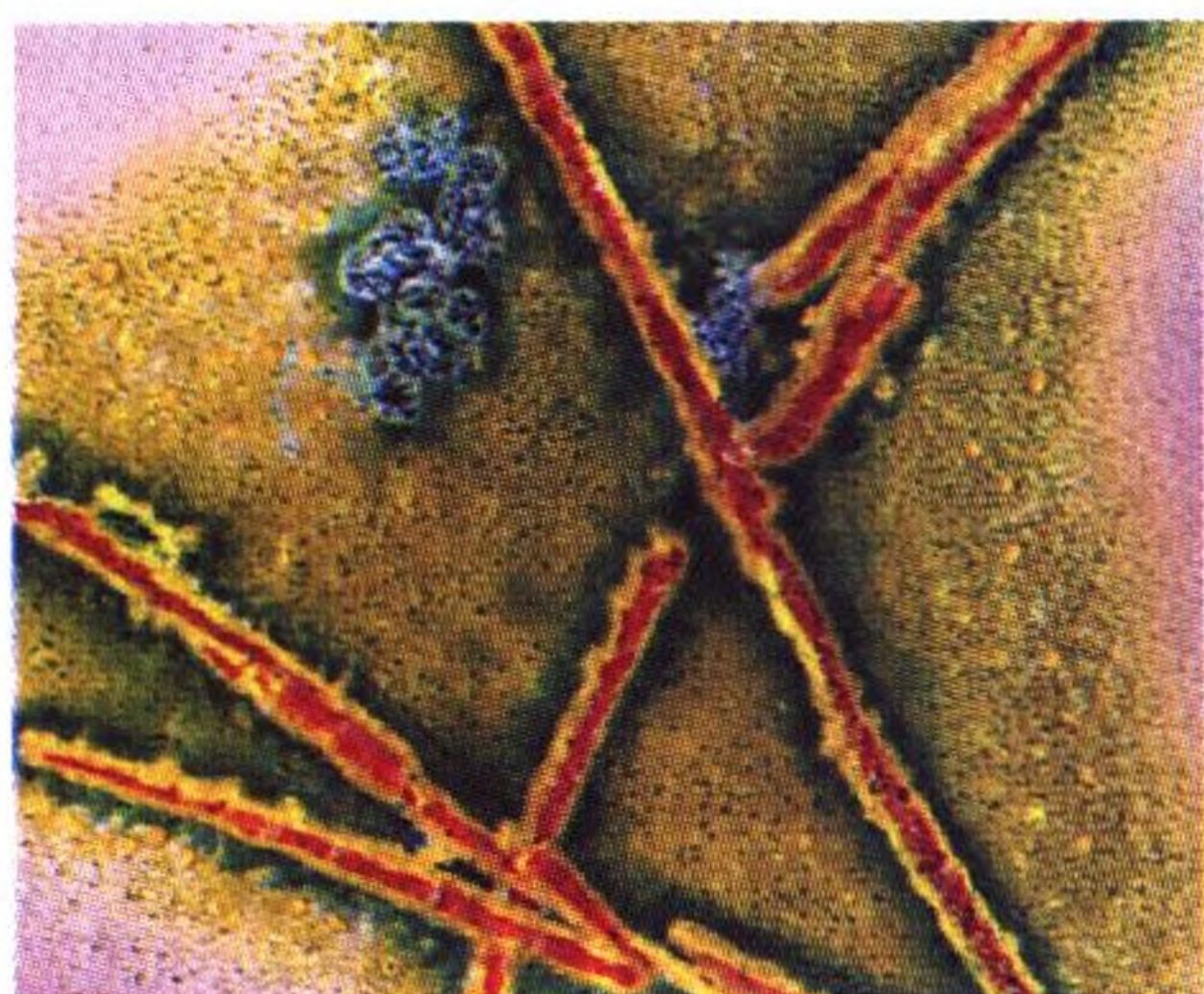
## Contents

### Features

- 6 The Fabric of Their Lives  
*A Photo Essay*
- 16 The Anatomist's New Tools  
*by Gary D. Hack, D.D.S., Gwendolyn Dunn, D.D.S., and Mi Young Toh, M.S., M.A.*



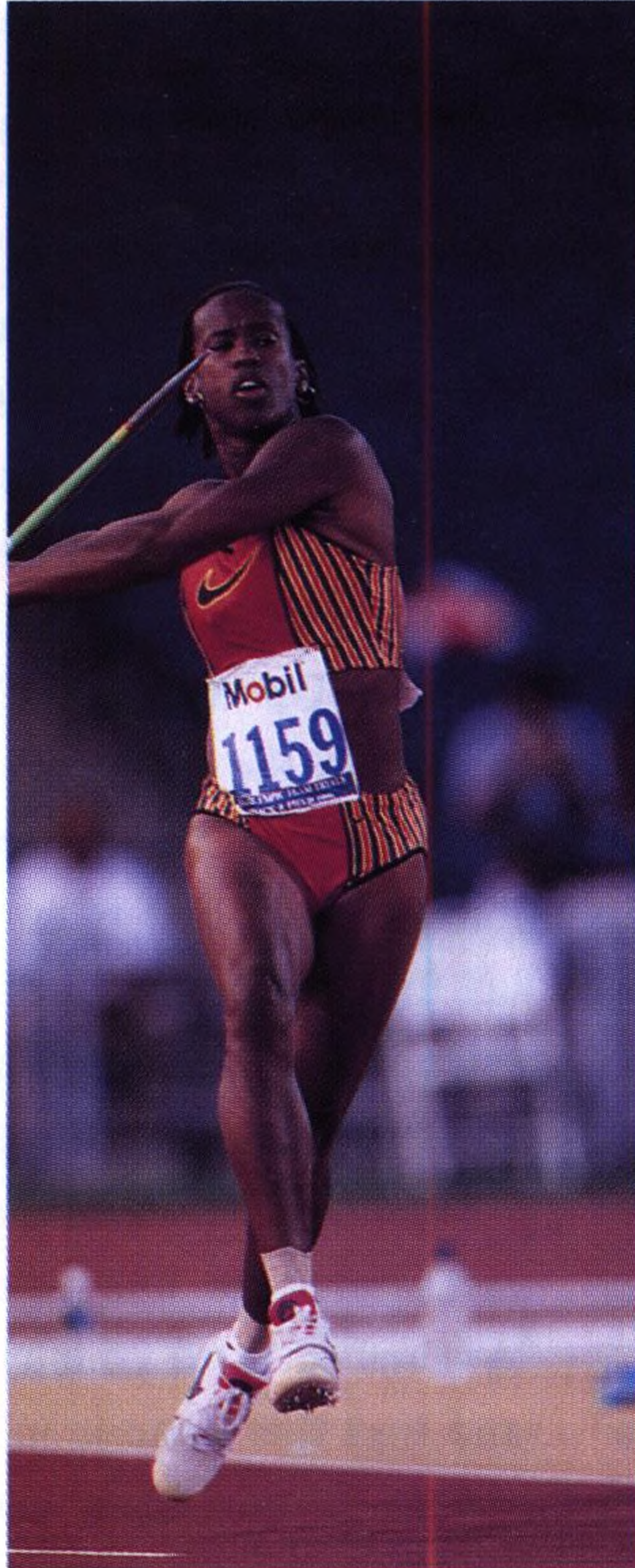
- 30 Panic over Prions  
*by Fred Brown, Ph.D., F.R.S.*



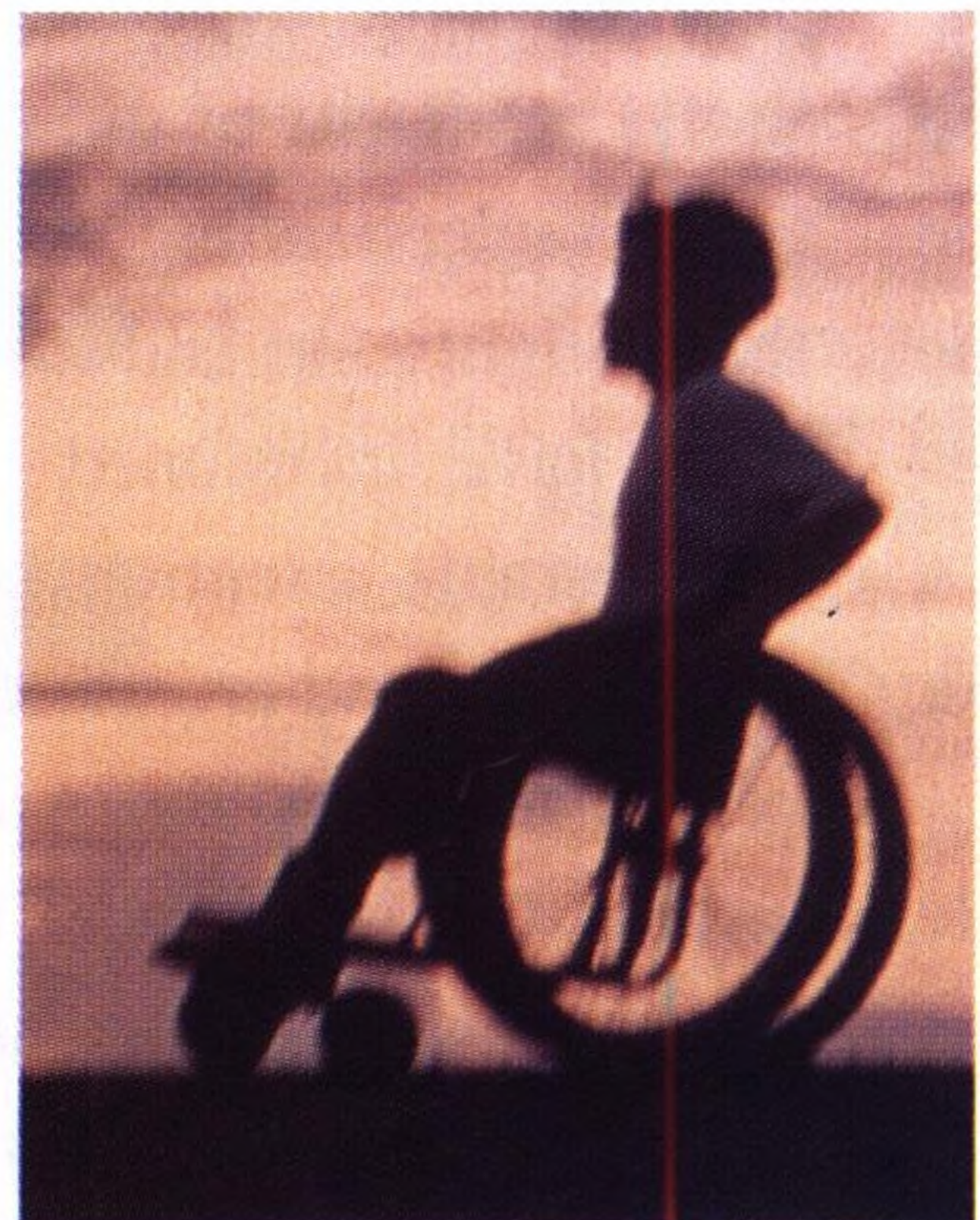
- 42 From Mother to Fetus, from Superstition to Science  
*by F. González-Crussi, M.D.*



- 60 Rebel with a Cause: Saving Lives  
*by Henry J. Heimlich, M.D., Sc.D.*
- 78 The Body Synchronic  
*by James Waterhouse, D.Phil., and Torbjörn Åkerstedt, Ph.D.*
- 92 A Good Night's Sleep: Celebrities' Strategies



- 110 Reinventing the Wheelchair  
*by Ralf D. Hotchkiss*



### 124 The Bookshelf

### The World of Medicine

#### AIDS/HIV

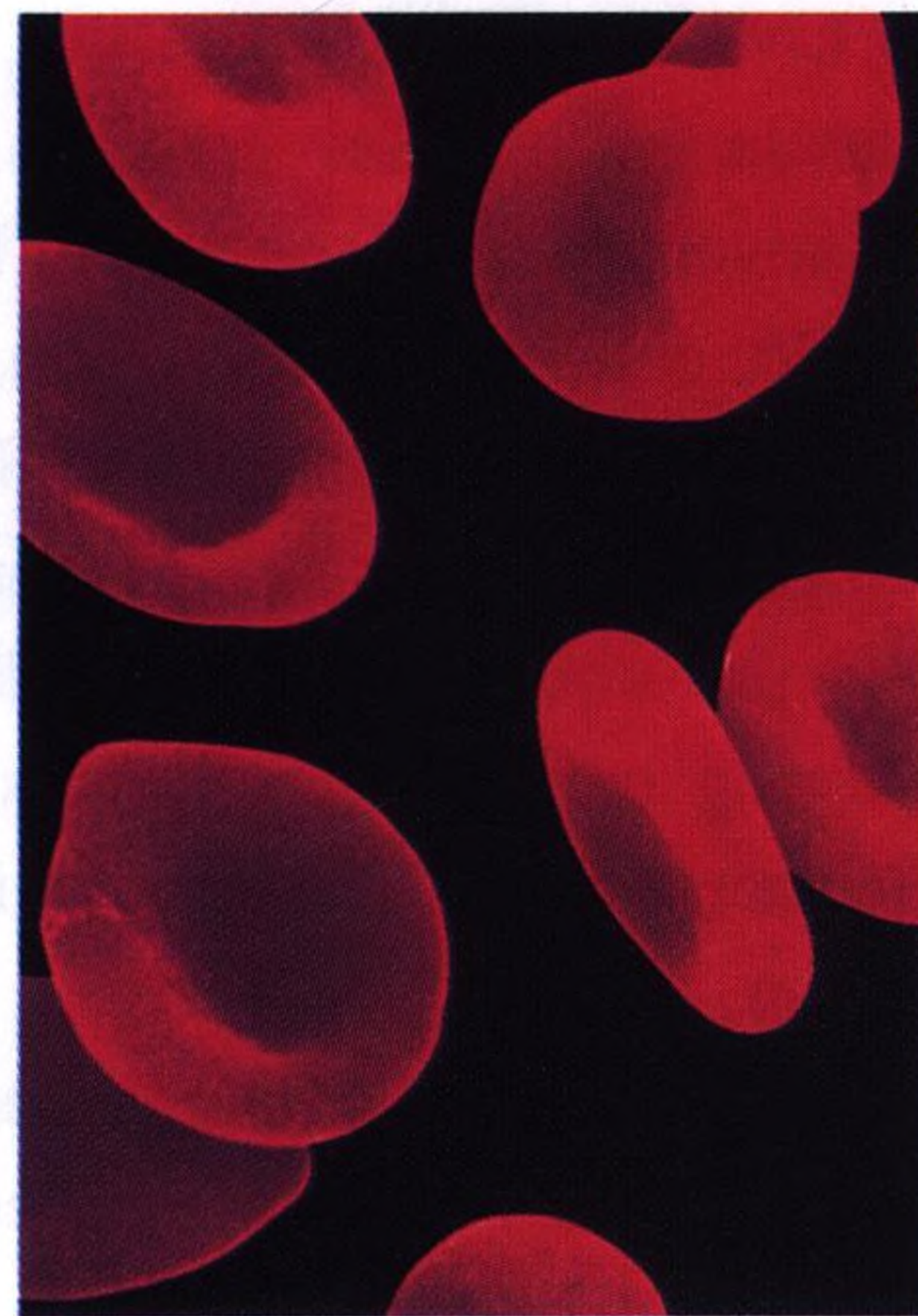
- 146 AIDS/HIV Update
- 150 Spreading the Gospel of AIDS Prevention
- 156 One Bold Plan for an AIDS Vaccine

#### Alternative Medicine

- 158 Traditional Chinese Medicine Under Scrutiny
- 162 Acupuncture in the United States

#### Blood Disorders/Hematology

- 168 Sickle-Cell Disease Update



- 173 Placental Blood Transplantation

#### Cancer

- 178 P53: Key to Many Cancers
- 180 *NewsCap* Cancer Deaths: A Turning Point?

#### Cardiovascular Health and Disease

- 182 Cardiovascular Disease Update
- 188 *NewsCap* Hitting Stroke Below the Belt
- 189 Cholesterol Counts—More than Ever
- 193 Getting to the Heart of Homocysteine
- 198 Sex and the Heart

#### Child Health

- 201 Pediatric Perspective on a Lousy Problem

- 203 *NewsCap* Puberty in U.S. Girls: New Norms
- 206 *NewsCap* A Tangled Web: Medical Advice in Cyberspace
- 207 UNICEF: 50 Remarkable Years

#### Dermatology

- 213 Itching

#### Diet and Nutrition

- 217 Carotenoids: Can Carrots Prevent Cancer, Cataracts, and Coronaries?



- 222 Is Everything Coming Up Roses for Garlic?
- 223 *NewsCap* Selenium: A Supplement to Watch
- 227 *NewsCap* Zinc: Latest Weapon in the "Cold War"?
- 229 Salt: Shake the Habit?
- 232 *NewsCap* Selling Kids on Poor Eating Habits

#### Emergency Medicine

- 236 Medicine in the Middle of Nowhere
- 238 *NewsCap* In-Line in the ER
- 240 *NewsCap* Cardiac Emergencies: Nothing to Be Up in the Air About



- 242 *NewsCap*  
Reality Bites

### Environmental Health and Disease

- 243 Report Card on the Environment  
246 *NewsCap*  
Something to Wheeze About  
249 Arsenic-Tainted Drinking Water: Crisis in India and Bangladesh

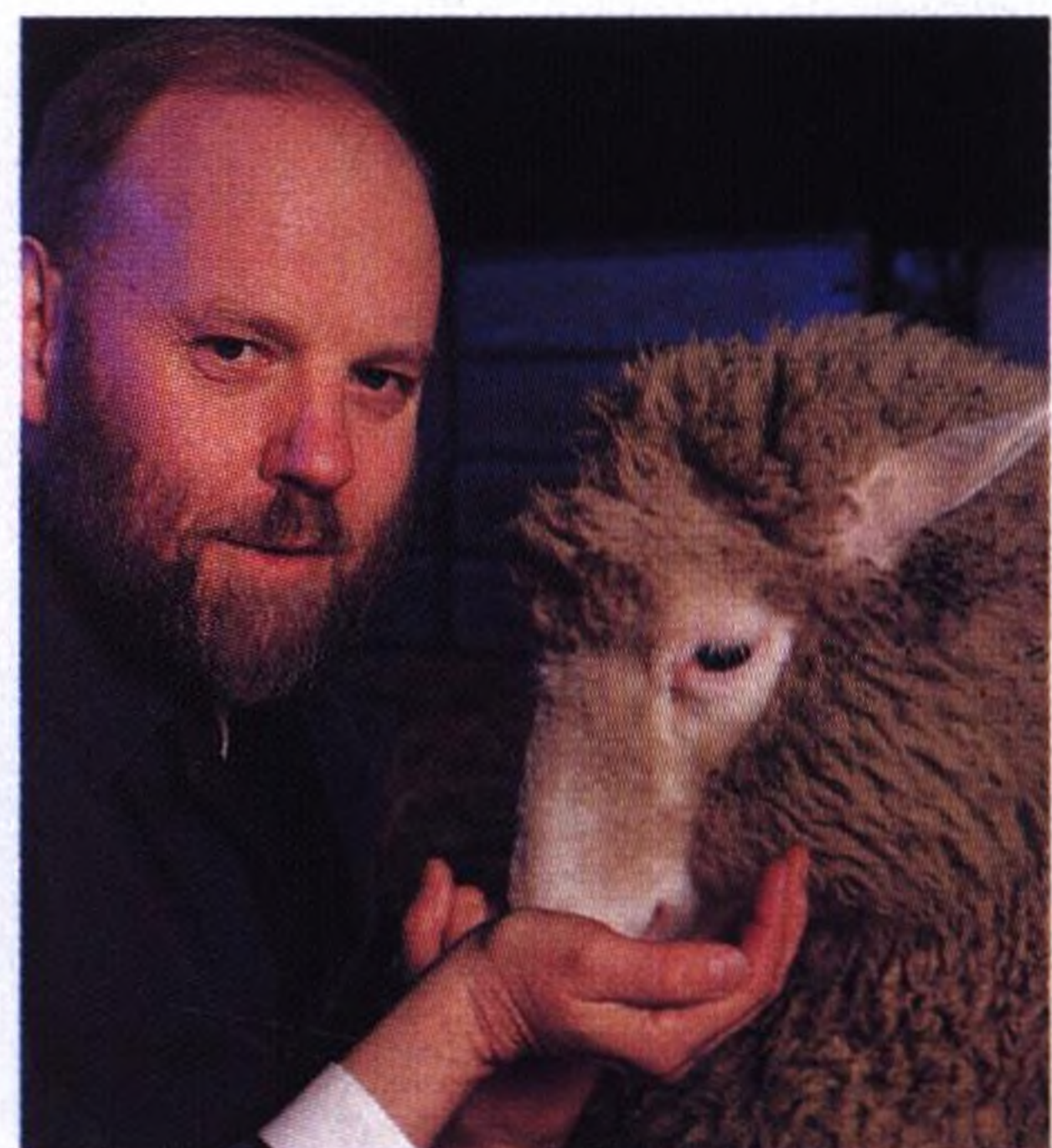


### Epidemiology

- 253 Taking the Pulse of the U.S. Population  
255 Link...No Link

### Genetics

- 259 Genetics Update  
262 *NewsCap*  
Unforgettable Ewe: A Breakthrough in Cloning



- 265 The Genetics of Alcoholism

### Health Care Delivery

- 268 Deconstructing Managed Care  
271 *NewsCap*  
Canadian Health Care: In Critical Condition?  
274 Britain's Health Service Pushes 50

### Health Care Law and Ethics

- 277 Assisted Suicide: No Constitutional Right  
278 *NewsCap*  
Dr. Death's Very Still Lives  
280 *NewsCap*  
Presidential Apology for the Study at Tuskegee

### Infectious Disease

- 283 Leprosy at Century's End

### Mental Health and Illness

- 290 Spotlight on Brief Therapy

### Neurology

- 293 Making Headway Against Migraine  
296 *NewsCap*  
Exercising Caution: Concussions and Athletes  
299 Alzheimer's Disease Update



### Obesity

- 307 Body Weight: Biology, Not Behavior



### Oral Health

- 311 Help for Halitosis  
314 *NewsCap*  
Furor over Fluoride in the U.K.

### Pharmaceuticals

- 315 New Drugs Approved by the Food and Drug Administration, January 1996-July 1997  
323 Safety Issues: The Paradox of Effective Vaccines  
325 *NewsCap*  
Inhaler Users Holding Their Breath  
327 *NewsCap*  
Grapefruit's Powerful Punch  
328 Stress and the Blood-Brain Barrier

### Public Health

- 330 Adolescent and Adult Immunization  
330 *NewsCap*  
Diabetes Redefined  
334 *NewsCap*  
Disease Eradication: Progress Report  
336 *NewsCap*  
Hazards on the Highway  
338 *NewsCap*  
Pedestrians in Peril



### Rheumatology

- 339 Rheumatic and Musculoskeletal Disorders Update

- 345 *NewsCap*  
Osteoarthritis: No Easy Answers

### Substance Abuse

- 346 College Crisis: Booze Before Books



- 350 Acupuncture in Addiction Treatment  
354 *NewsCap*  
Ashes to Ashes: Tobacco and Health Update

### Surgery

- 356 Cutting-Edge Heart Surgeries  
360 *NewsCap*  
Glimmer of Hope for Old Eyes

### Women's Health

- 361 Hormone Replacement Therapy in Perspective



- 364 *NewsCap*  
Making Sense of the Mammography Muddle  
367 World and U.S. Health Data  
377 Contributors to the World of Medicine  
380 Glossary  
389 Index