

## 4 FOCUS ON BODY PARTS FROM BIOPRINTING

Agata Kurzyk

3D bioprinting not only represents the future of regenerative medicine, it also facilitates more precise and ethical research.



## **38 RESEARCH IN PROGRESS**

## **SMALL VOLCANOES, BIG MYSTERY**

Andrzej Górszczyk

In recent years, a group of scientists discovered a new type of underwater volcanoe that had thus far gone unnoticed due to their small size.

### 44 BRIFFLY SPEAKING

# DIGITAL ANTHROPOLOGY

Prof. Dariusz Jemielniak discusses the dynamics of online communities and the study of digital interactions.



## Focus on

**8** Magdalena Radkowska-Walkowicz, Ewa Maciejewska-Mroczek

#### **EMBRACING CHILDREN'S VOICES**

12 Mariusz Mrózek

## **ENTROPY: CAN WE TURN BACK TIME?**

- **15** Marek Łaziński, Ewa Kołodziejek, Bartek Chaciński, Anna Wileczek **THE CODE OF YOUTH**
- **18** Łukasz Tychoniec **A STAR IS BORN**
- 22 Elżbieta Bielecka

THE MANY FACES OF YOUTH

# **Research in Progress**

**26** Kaja Bałazy

#### WHERE SEA MEETS LAND

- **30** Andrzej Kaim, Sofia Bakayeva **HOUSES SPEAK VOLUMES ABOUT THEIR INHABITANTS**
- **34** Beata Małachowska

**BIG DATA IN EVERY CELL** 

**41** Małgorzata Łaciak

**TADPOLES IN TROUBLE** 

# Insight

- 50 Iwona Hofman CITY OF YOUth
- **54** Alexander Rodrigues de Castro

**JUVENILE JUSTICE IN BRAZIL** 

**58** Krzysztof Fic

PRESERVING BATTERY LONGEVITY

**61** Dominik Lis

**ANYONE CAN BE AN EXPLORER** 

64 Grażyna Gajewska

THE DEMONS OF ECOPATHY

**68** Marta Żerkowska-Balas, Michał Wenzel **HOW TO ENGAGE YOUNG CITIZENS?** 

## **Short Circuit**

72 Agata Passent THE CAPITAL OF YOUTH

## In the Lens

74 Paweł Kojs A PLACE REDISCOVERED

# **Current Projects**

**80** Marzena Smol, Łukasz Sadowski, Maciej Sałaga, Andrzej Katunin, Monika Stobiecka

### THE POLISH YOUNG ACADEMY

82 Błażej Błażejowski

IN SEARCH OF DINOSAURS

COVER IMAGE: JADWIGA BARDYSZEWSKA, BRONZE SCULPTURE, LOST-WAX TECHNIQUE; PHOTOS P. 2: IM IMAGERY/SHUTTERSTOCK.COM IMAGE IN GENCRAFT – FREE AI ART GENERATOR VGRIGAS (WMF), CC BY-SA 3.0, VIA WIKIMEDIA COMMONS