

SCINEMA

INTERNATIONAL SCIENCE FILM FESTIVAL 2018

THE BODY PROGRAM (G) RUN TIME 103mins

VIRTUAL HUMANS (Spain) 6:07 mins Award for Technical Merit

Directed by Guillermo Marin, Fernando Cucchiatti
Produced by Peter Coveney, Mariano Vazquez
Written by Roger Highfield, Peter Coveney, Guillermo Marin, Fernando Cucchiatti

This shortfilm takes us to a future where a complete copy of you can be created, and used to monitor, study, and enhance your health. A future that might not be far from now.

Jury comment: *This film is a technically stunning example of the power and versatility of supercomputers, helping us to see our body in ways we never have before.*

IRONY (Australia) 7:53 mins Best Short Film

Directed, Produced and Written by Radheya Jegatheva

A film that explores the relationship between man and technology... told from the perspective of a phone. Various described as an Animation, an Experimental Film, a Narrative, a Documentary or a Film-Poem depending on who you speak to, this hand-drawn animated film is based on the poem 'Seven Billion' written by the film director that won 2 National poetry awards: The Young Australian Writer's National Award for Poetry, selected out of a field of 30,000 and the Karen W Treanor Poetry Award (Youth).

Jury comment: *This multilayered film explores a very topical and timely issue, and no other films came close to this level of creativity. An incredibly confronting and powerful discussion of technology, showing how emotive a science documentary can be.*

This film contains adult themes

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BITTERSWEET – THE RISE OF DIABETES (Ireland) 25:33 mins

Directed by Hugh Rodgers
Produced by Anna Rodgers and Zlata Filipovic

Bittersweet is a documentary film which follows the personal stories of young people who are living with diabetes and their daily struggle to manage it.

The film captures Ireland's health system's fight to treat the rising number of diabetic patients, and warns against this troubling epidemic facing their population. Over the course of the documentary, we also discover groundbreaking research and developments in pharmacology and biomedical science, including the important work of CÚRAM's Professor David Brayden and his team at University College Dublin's School of Veterinary Medicine, where they are developing new ways of delivering insulin to the body.

HEARTBEAT – THE MIRACLE INSIDE YOU (Australian) 57:29 mins

Directed and Written by Aleix Castro
Produced by El Dedo en el Ojo

Heart surgeon Dr Nikki Stamp takes us inside the amazing world of our hearts – revealing the incredible people she treats, the amazing science she uses to save them, and why the heart is our most resilient, miraculous organ.

This riveting film takes us inside the operating theatre for an intimate look at the high-stakes world of heart surgery: a place where life hangs in the balance. We discover the inspiring, sometimes heartbreaking stories of Nikki's patients. Old and young, active, and inactive, male and female, these people are not who you might expect. And the journeys they go on, as Nikki and her colleagues work to cure them, are unforgettable.

We witness the extraordinary science that gives them back their lives – lives that until recently, would not have been possible to save. We find out about 3D printed hearts, 4D flow imaging and the revolutionary 'Heart in a Box' – a rig that keeps a donor heart beating outside the body as it is transported to the patient. We learn how it will soon be possible to not just repair damaged hearts but grow brand new ones.

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