



100th anniversary of Nobel Prize award to Jules Bordet

Revisiting Bordet's legacy in light of today's immunology and microbiology

Friday, March 13, 2020

Émile Duclaux lecture hall

« One of the great services that every science can render to our research is to invite us, as an introduction, to leave it for its neighbor ».
Jules Bordet

LESSONS FROM JULES BORDET

Nathalie Devroey

Words from the Family

Jean-Marc Cavaillon (*Institut Pasteur, Paris*)

Jules Bordet and the emergence of immunology

ALEXIN TODAY

Lubka Roumenina (*INSERM, Centre Médical des Cordeliers*)

Complement, discovery of a cascade and a cascade of discoveries

Beth Stevens (*Broad Institute of MIT and Harvard*)

Complement without borders: the classical complement cascade mediates CNS synapse elimination

SEROTHERAPY, VACCINES AND ALLERGY REVISITED

Antonio Lanzavecchia (*Bellinzona*)

Revisiting serotherapy and vaccine discovery in the era of memory B-cells and neutralizing antibodies

Alain Vanderplasschen (*Faculty of Veterinary Medicine, University of Liège*)

A dream of Jules Bordet comes true: rinderpest declared eradicated in 2011

Hamida Hammad (*VIB-UGent Center for Inflammation Research*)

Identifying dendritic cells as asthma-causing "pathogen"

THE GOLDEN AGE OF SYNCRETIC BACTERIOLOGY AND IMMUNOLOGY

Nicole Guiso (*Institut Pasteur, Paris*)

Whooping cough: from bacteriology to serology and vaccination

Camille Locht (*Institut Pasteur, Lille*)

Immunity to *Pertussis* and the path to new *Pertussis* vaccines

Arnaud Marchant (*Université Libre de Bruxelles*)

Infant susceptibility to infections: immaturity or immune programming?

TRANSPLANTATION AND CANCER: HARNESSING ANTIBODIES

Alberto Mantovani (*Humanitas, Milan*)

Innate immunity, inflammation and cancer: a new frontier to tumor immunology and therapy.

Christophe Legendre (*Hôpital Necker-Enfants Malades*)

Therapeutic monoclonal antibodies in SHU and renal transplantation

Christos Sotiriou (*Université Libre de Bruxelles, Institut Jules Bordet*)

Biomarkers of tumor resistance to trastuzumab: a step towards personalized therapy of breast cancer

Sophie Lucas (*Université Catholique de Louvain*)

Cellular immunity and tolerance, targets for the control of tumor growth

CONCLUSIONS

Thierry Boon (*Université Catholique de Louvain*)

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Institut Pasteur