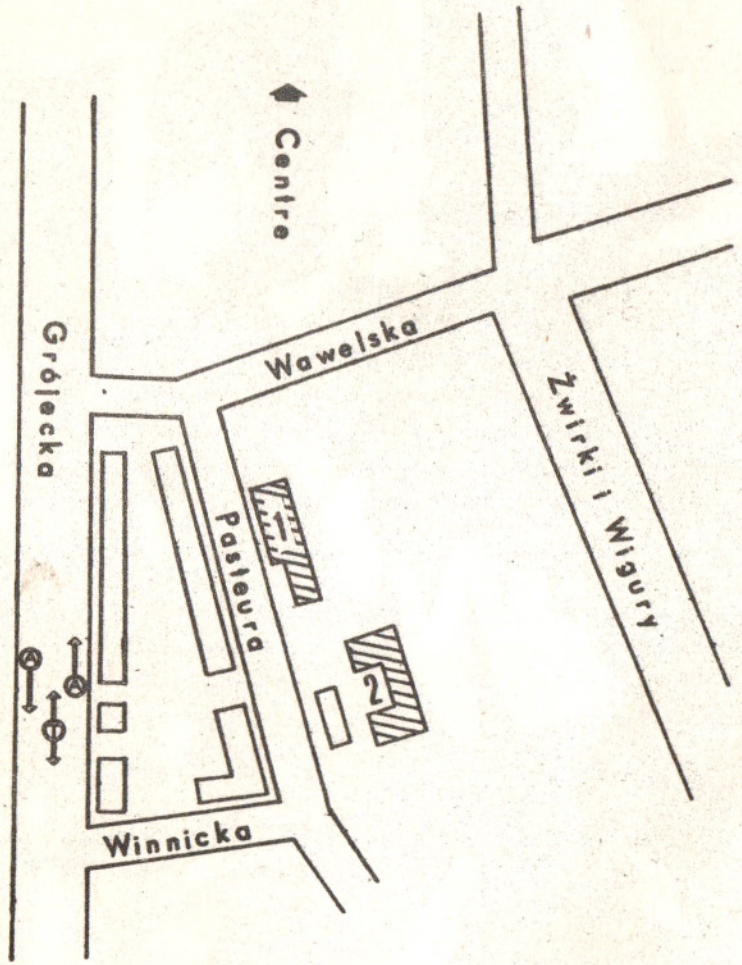

Legend

1. Symposium and Conference Area / Pasteur Str. 1 /
2. Nencki Institute of Experimantal Biology / Pasteur Str. 3 /
- Bus Stop
- Street-car Stop

PROGRAMME

INTERNATIONAL SYMPOSIUM ON CELL MOTILITY

AND

VII - TH EUROPEAN CONFERENCE ON MUSCLE AND MOTILITY

W A R S A W - 1978

WAREXPO-368/78 nakł.200 A5

Organizing Committee of the Symposium

Stanisław DRYL - Chairman

Jerzy SIKORA - Secretary

Andrzej GREBECKI

Leszek KUZNICKI

Organizing Committee of the Conference

Witold DRABIKOWSKI - Chairman

Irena KAKOL

Danuta KOSK-KOSICKA - Secretary

Gabriela SARZAŁA

Hanna STRZELECKA-GOŁASZEWSKA

Elżbieta ZUBRZYCKA - Secretary

INTERNATIONAL SYMPOSIUM ON CELL MOTILITY
/ Warsaw, June 26-28, 1978 /

and

VII-th European Conference on Muscle and Motility
/ Warsaw, June 29 - July 1, 1978/

Organized by the Nencki Institute of Experimental Biology on the occasion of its 60-th anniversary.

Both meetings will be held at the Department of Chemistry, Warsaw University , 1, Pasteur Street.

REGISTRATION : A registration desk will be located on the 1-st Floor /Room No. 141/

June 26th /Monday/ 8.00 - 13.30 and 15.00 - 17.00
June 29th /Thursday/ 9.00 - 13.30

POST-SYMPOSIUM VOLUME : A special issue of Acta Protozoologica will include papers given by invited speakers and abstracts of posters and films presented by participants of Symposium

ACKNOWLEDGEMENTS: The organizers acknowledge with sincere thanks generous financial support by the International Union of Biological Sciences / IUBS / , the Committee on Cell Biology and the Committee on Physiology of Polish Academy of Sciences.

POSTERS : All participants of Symposium can mount their posters already on Monday, June 26th and leave them till Wednesday, June 28th. However they are requested to be present at posters during their particular morning session.

SYMPOSIUM ON CELL MOTILITY

PROGRAMME

Monday, June 26-th

9.00 - 9.15 - Oppening Address - Stanisław DRYL
9.15 - 9.30 - Welcome Address - Adam URBANEK, Secretary of the Division of Biological Sciences of the Polish Academy of Sciences

Session I : Excitability and Motor Responses to External Stimuli.
Chairman: Yutaka NAITOH /Japan/
Vice-Chairman: Bodo DIEHN /U.S.A./
Convener: Stanisław DRYL /Poland/

9.30 - 10.00 - Recent advance in studies on excitability of ciliate protozoa - Yutaka NAITOH /Japan/
10.00 - 10.30 - The interaction of photic and chemical stimulus / response systems in Euglena gracilis -. Bodo DIE /U.S.A./
10.30 - 10.45 - Break
10.45 - 11.15 - Modifying effects of various external factors on excitability of ciliates - Stanisław DRYL /Poland/ Elio HILDEBRAND /F.G.R./
11.45 - 13.30 - Poster and Film Session - part I
13.30 - 14.30 - Lunch
14.30 - 16.00 - Poster Session - Part II.
16.00 - 17.30 - Panel Discussion and Concluding Remarks - Yutak NAITOH and Bodo DIEHN
17.45 - 20.00 - Coctail at the Nencki Institute of Experimental Bio

Tuesday, June 27-th

Session 2 : Intracellular Organization and Coordination of Movement.
Chairman: Peter SATIR /U.S.A./
Vice-Chairman: Wilhelm J. STOCKEM /F.R.G./

Convener: Andrzej GREBECKI /Poland/

9.00 - 9.30 - Regulation of sliding in ciliary motility-Peter SATIR /U.S.A./

9.30 - 10.00 - Cell surface morphology and activity during cytoplasmic streaming and amoeboid movement in Physarum polycephalum and Amoeba proteus - Wilhelm J. STOCKEM / F.R.G./

10.00 - 10.15 - Break

10.15 - 10.45 - Organization of motory functions in amoebae and slime molds - Andrzej GREBECKI /Poland/

11.45 - 13.30 - Poster and Film Session - Part I

13.30 - 14.30 - Lunch

14.30 - 16.00 - Poster and Film Session - Part II

16.00 - 18.00 - Panel Discussion and Concluding Remarks - Peter SATIR and Wilhelm J. STOCKEM

Wednesday, June 28-th

Session 3: Contractile Phenomena and Cell Motility.

Chairman: Karl E. WOHLFARTH-BOTTERMANN /F.R.G./

Vice-Chairman: Edward D. KORN /U.S.A./

Convener: Leszek KUZNICKI /Poland/

9.00 - 9.30 - Contraction phenomena in Physarum, new results Karl E. WOHLFARTH-BOTTERMANN /F.R.G./

9.30 - 10.00 - Regulation of the form and function of actin and myosin of non-muscle cells - Edward D. KORN/U.S.A./

10.00 - 10.15 - Break

10.15 - 10.45 - Speculations on evolution of mechanisms regulating actin and myosin interaction - Leszek KUZNICKI and Jacek KUZNICKI /Poland/

11.15 - 13.30 - Poster and Film Session - Part I

13.30 - 14.30 - Lunch

14.30 - 16.00 - Poster and Film Session - Part II

16.15 - 18.15 - Panel Discussion and Concluding Remarks - Karl E. WOHLFARTH-BOTTERMANN and Edward D. KORN

18.20 - Symposium closing Remarks - Stanisław DRYL

Thursday, June 29-th

10.00 - Sight-seeing of Warsaw /optional/

13.30 - 14.30 - Lunch

7th European Conference on Muscle and Motility

14.30. - 17.00 - Lectures by Invited Speakers:

Impressions on certain topics of the Cell Motility Symposium - Edward D. KORN / U.S.A./

The motility, transformation and exocytosis of human blood platelets - Robert D. ALLEN / U.S.A./

What muscle and nonmuscle cells can learn from each other ? - John GERGELY /U.S.A./

17.15 - 19.00 - Coctail at the Nencki Institute of Experimental Biolog

Friday, June 30-th

9.00 - 18.00 - Poster Display

13.30 - 14.30 - Lunch

14.30 - 17.00 - Round Table Discussion on Development and Differentiation of Muscle

Moderator: Howard H. HOLTZER /U.S.A./

18.00 - Excursion to Chopin's birthplace in Żelazowa Wola /optional/

Saturday, July 1-st

9.00 - 15.00 - Poster Display

10.00 - 12.30 - Round Table Discussion on Polymorphism of Contractile Proteins

Moderator: Samuel V. PERRY /U.K./

12.30 - 13.30 - Business Meeting

13.30 - 14.30 - Lunch