LIST OF POSTERS

72. A ribosomal gene that affects morphogenesis and differentiation in Dictyostelium discoideum

Trupti Kawli, Smita Amarnath, Richard Gomer, Kei Inouye and Vidyanand Nanjundiah

73. Shielding of cells by fluid flow

Hendrik U. Boedeker, <u>Carsten Beta</u>, Albert Bae, Loling Song, and Eberhard Bodenschatz

74. A novel $PI(4,5)P_2$ binding domain targeting the Phg2 kinase to the membrane in *Dictyostelium* cells.

<u>Cédric Blanc</u>, Steve Charette, Nathalie Cherix, Yaya Lefkir, Pierre Cosson, and François Letourneur

75. Two distinct roles for a novel anti-adhesive protein during *Dictyostelium* growth and development.

Chere' Petty, Hoa N. Ho, Beth Ford and Daphne D. Blumberg

76. Phospholipase D regulates quorum sensing and differentiation in *Dictyostelium discoideum*.

Yi Chen, Berenice Duran, Liem Nguyen, Joanna Ayoung and Derrick Brazill

77. A secreted factor represses cell proliferation in *Dictyostelium*<u>Debra A. Brock</u>, Darrell Pilling and Richard H. Gomer

78. Calcium mobilization stimulates *Dictyostelium discoideum* shear-flow induced cell motility

Sébastien Fache, Jérémie Dalous, Mads Engelung, Christian Hansen, François Chamaraux, Bertrand Fourcade, Michel Satre, Peter Devreotes and <u>Franz Bruckert</u>

79. A method for isolation of rare knockout mutants arising from single or double homologous recombination in *Dictyostelium discoideum*

Steve J Charette, Sophie Cornillon and Pierre Cosson

80. Phg2 and Arm play a role in the nutrient response in *Dictyostelium*Nathalie Chérix, Romain Froquet, Francois Letourneur and <u>Pierre Cosson</u>

81. RNA polymerase III transcription factor complex TFIIIB determines chromosomal integration sites of *Dictyostelium* retrotransposon TRE5-A

Thanh Chung, Oliver Siol, Theodor Dingermann and Thomas Winckler

82. A proteomics approach to decipher phagosome maturation and the role of the myosin I MyoK

Régis Dieckmann, Vincent Blancheteau, Yosuke von Heyden, Thierry Soldati

83. A tandem affinity purification (TAP) tag for use in *Dictyostelium discoideum* K. Doguang, H.K. MacWilliams and A. Tsang

84. Analysis of Phosphoprotein Phosphatase PP2A in Growth and Development of *Dictyostelium discoideum*.

Chirag Mandavia, Srividhya Venkatesan, Avalon Garcia, Sara Anderson, Nicola James, Robert Salzler, Jinha Jung, Hideshi Otsuka, Julian Gross and Robert P. Dottin

85. Dictyostelium transcriptional host cell response upon infection with Legionella Patrick Farbrother, Carina Wagner, Jianbo Na, Budi Tunggal, Takahiro Morio, Hideko Urushihara, Yoshimasa Tanaka, Michael Schleicher, Michael Steinert and Ludwig Eichinger

86. Characterisation and regulation of the exocyst complex in *Dictyostelium discoideum*

Miriam Essid and Thierry Soldati

87. Localization of Cell Types in the Slug of *Dictyostelium discoideum* based on Differential Sensitivity to cAMP and Ammonia

Ira N. Feit, Caroline O'Brien and Jeffrey S. Pawlikowski

88. Two Distinct Roles for a Novel Anti-Adhesive Protein During *Dictyostelium* Growth And Development

Chere' Petty, Hoa N. Ho, Elizabeth A. Ford and Daphne D. Blumberg

89. An Overview of the Architecture of dictyBase

Eric M. Just, Sohel N. Merchant, Warren A. Kibbe, and Rex L. Chisholm

90. Curation at dictyBase

Pascale Gaudet, Petra Fey, Karen E. Pilcher, Warren A. Kibbe, Rex L. Chisholm

- 91. Two different components regulate glucose-6-phosphatase in *Dictyostelium* Wonhee Jang and <u>Richard H. Gomer</u>
- 92. Regulation of the Batten Disease associated tripeptidyl peptidase I by AprA and AprB in *Dictyostelium discoideum*.

Kevin D. Houston, Debra A. Brock and Richard H. Gomer

93. A probable serine/threonine protein kinase gene, krsA, is involved in cell aggregation during both sexual and asexual development of Dictyostelium discoideum.

Jin Hiraga, Kumiko Kobayashi, Tetsuya Muramoto and Hideko Urushihara

- **94.** A proteomics approach to identify CbfA-regulated *Dictyostelium* proteins Ingo Jennes, Theodor Dingermann and Thomas Winckler
- 95. Functional evolution of cAMP receptor

Yoshinori Kawabe, Takahiro Morio, Yoshimasa Tanaka, Pauline Schaap

96. A Rab21/LIM-only/CH-LIM Complex Regulates Phagocytosis *via* both Activating and Inhibitory Mechanisms

Taruna Khurana, Joseph A. Brzostowski, and Alan R. Kimmel

97. Studying the non-vacuolar cell death in *Dictyostelium*

Kosta Artemis, Laporte Catherine, Luciani Marie-Françoise and Golstein Pierre

98. Identification by random insertional mutagenesis of genes involved in caspase-independent cell death mechanisms in *Dictyostelium*

Lam D., Tresse E., Luciani MF. & Golstein P.

99. A *Dictyostelium* homologue of the cbl oncogene encodes a regulator of STAT signalling

Judith Langenick, Tsuyoshi Araki and Jeffrey Williams

100. Acidic clusters are required for targeting a transmembrane protein to the contractile vacuole in *Dictyostelium* cells

Valentina Mercanti, Yaya Lefkir, Cédric Blanc, Pierre Cosson, and François Letourneur

101. Hunting and Gathering behavior in *Dictyostelium discoideum* Liang Li and Edward C Cox

102. Transcriptional regulation of *dia1* and *impA* during the growth/differentiation transition

Shigenori Hirose, Taira Mayanagi, Catherine Pears, Aiko Amagai, William F. Loomis and Yasuo Maeda

103. Differential targeting affinities of cytoskeletal proteins

C. Schmauch and M. Maniak

104. The gamete enriched *racF2* gene affects growth, sexual cell fusion, and asexual development in *Dictyostelium discoideum*.

Tetsuya Muramoto and Hideko Urushihara

105. Characterization of *Dictyostelium discoideum* RacA, a member of the RhoBTB subfamily of RhoGTPases

Carola Neffgen and Francisco Rivero

106. FbiA is a developmentally-regulated protein that regulates cell-type proportioning in *Dictyostelium discoideum*

M.K. Nelson, D.S. McGill, K.A. McFeaters, C. Moré, and J. A. Christman

107. A new essential gene involved in prestalk A differentiation: padA

Serafimidis, I, Nuñez-Corcuera, B., Kay, R and Suárez, T.

- 108. Role of metabotropic GABAB receptor like proteins in *Dictyostelium discoideum* Yogikala Prabhu, Ludwig Eichinger and Angelika A. Noegel
- 109. A Diaphanous-related formin is required for slug motility and normal development

Nagendran Ramalingam, Michael Schleicher and Jan Faix

110. Development of a cyclic nucleotide phosphodiesterase assay specific for the Dictyostelium developmental pacemaker RegA

Indrani Saran and David Ratner

111. Evolutionary conservation of mechanisms controlling encystment and sporulation in solitary and social amoeba

Allyson Ritchie and Pauline Schaap

112. Dictyostelium RacH is involved in endocytosis

Carola Neffgen, Baggavalli P. Somesh, Peter Devreotes, Miho lijima and <u>Francisco</u> <u>Rivero</u>

113. Looking for social genes in the social mold Dictyostelium discoideum

<u>L. Santorelli,</u> C. Thompson, C. Dinh, A. Kuspa, D. Queller, J. Strassmann and G. Shaulsky

114. Functions of a novel gene, srsA, in the starvation response and later development of Dictyostelium cells

Kazunori Sasaki, Soo-Choen Chae, Aiko Amagai and Yasuo Maeda

115. Isolations of Dd-STATa multicopy suppressors via genetic screening Nao Shimada, Reiko Suzuki, Naoko Kanno and Takefumi Kawata

116. Matrix Components Have Multiple Regulatory Roles in *Dictyostelium discoideum*Spore Dormancy

E. K. M. Squires, L. Sovran, M. Sameshima, D. A. Cotter

- 117. Characterisation of ATP Mediated Ca²⁺ Uptake in *Dictyostelium* Amoebae David Traynor and Robert R Kay
- 118. Common and distinct functions of two talins in *Dictyostelium discoideum*<u>Masatsune Tsujioka</u> and Taro QP Uyeda
- 119. Genome wide analysis of the antitumor drug cisplatin resistance mechanisms

 Nancy Van Driessche, Hannah Alexander, Junxia Min, Stephen Alexander, Adam
 Kuspa and Gad Shaulsky
- 120. Development of *D. discoideum* after artificial stimulation with pulses of 3´,5´-cyclic adenosinee monophosphate

Petra Vaňková, Jitka Čejková, Hana Ševčíková

121. Soluble guanylyl cyclase mediates both global inhibition and local stimulation of pseudopod extension during chemotaxis

Douwe Veltman, and Peter J.M. Van Haastert

122. Study of genes regulated by the transcription factor SrfA in *Dictyostelium discoideum*

Juan-Jesús Vicente, Ricardo Escalante and Leandro Sastre

123. cGMP controls developmental timing in Dictyostelium

Karin E. Weening, Marcel E. Meima and Pauline Schaap

124. RNAi-mediated silencing of the putative transcription factor TacA affects growth and fruiting body formation in *Dictyostelium discoideum*

Stephanie Seibt, Sven Seibeck, Rupert Mutzel and Barbara Weissenmayer

125. Analysis of the D. discoideum UNC-84

Huajiang Xiong, Francisco Rivero, Ludwig Eichinger, and Angelika A. Noegel

126. Metabolic enzymes and their influence on phagocytosis

I. Müller, N. Pawolleck, C. Stolle, R.S.B. Williams, L. Eichinger, and M. Maniak