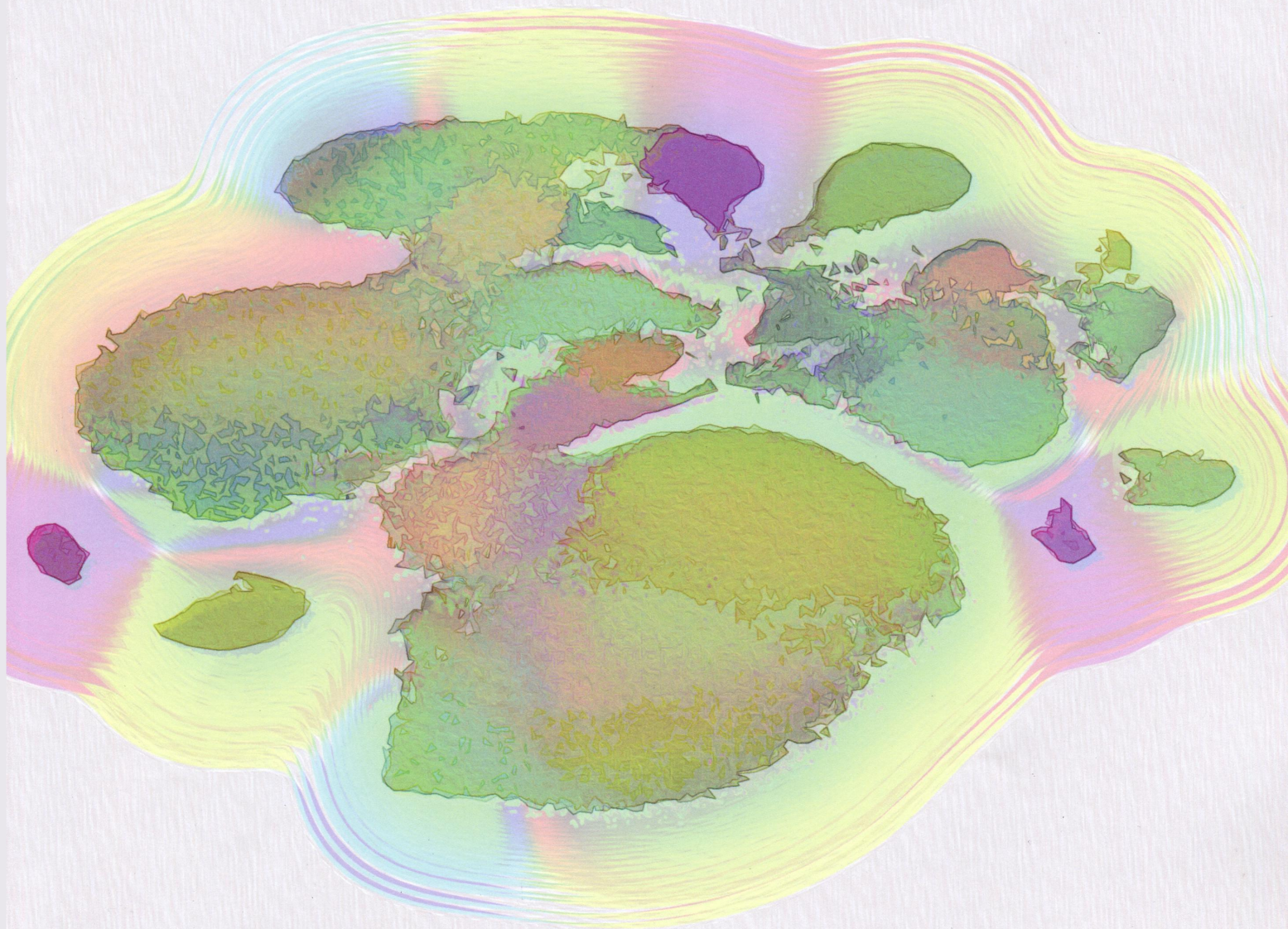


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VOLUME 15 NUMBER 12 DECEMBER 2014
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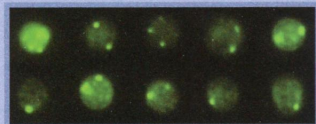
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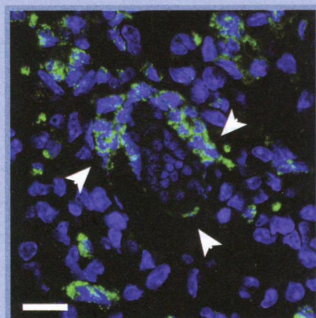
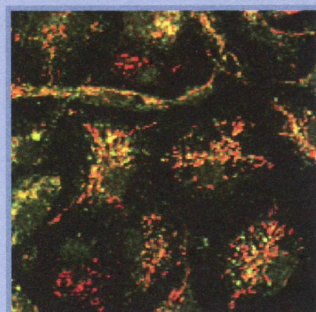


The myeloid cell system

Autophagy and CTL memory

Chitinase-like proteins



Autophagy and memory (p 1152)

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(pp 1099 and 1116)Virus-induced inflammasome
activation (pp 1100 and 1126)**1126 RNA viruses promote activation of the NLRP3 inflammasome through a RIP1-RIP3-DRP1 signaling pathway**Xiaqiong Wang, Wei Jiang, Yiqing Yan, Tao Gong, Jiahuai Han, Zhigang Tian & Rongbin Zhou  *see also p 1100***1134 A narrow repertoire of transcriptional modules responsive to pyogenic bacteria is impaired in patients carrying loss-of-function mutations in MYD88 or IRAK4**Laia Alsina, Elisabeth Israelsson, Matthew C Altman, Kristen K Dang, Pegah Ghandil, Laura Israel, Horst von Bernuth, Nicole Baldwin, Huanying Qin, Zongbo Jin, Romain Banchereau, Esperanza Anguiano, Alexei Ionan, Laurent Abel, Anne Puel, Capucine Picard, Virginia Pascual, Jean Laurent Casanova & Damien Chaussabel  *see also p 1097***1143 A central role for Notch in effector CD8⁺ T cell differentiation**

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1152 Autophagy is essential for effector CD8⁺ T cell survival and memory formation

Xiaojin Xu, Koichi Araki, Shuzhao Li, Jin-Hwan Han, Lilin Ye, Wendy G Tan, Bogumila T Konieczny, Monique W Bruinsma, Jennifer Martinez, Erika L Pearce, Douglas R Green, Dean P Jones, Herbert W Virgin & Rafi Ahmed


1162 A microRNA upregulated in asthma airway T cells promotes T_H2 cytokine production

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1171 The transcription repressors Bach2 and Bach1 promote B cell development by repressing the myeloid program

Ari Itoh-Nakadai, Reina Hikota, Akihiko Muto, Kohei Kometani, Miki Watanabe-Matsui, Yuki Sato, Masahiro Kobayashi, Atsushi Nakamura, Yuichi Miura, Yoko Yano, Satoshi Tashiro, Jiying Sun, Tomokatsu Ikawa, Kyoko Ochiai, Tomohiro Kurosaki & Kazuhiko Igarashi

RESOURCE

1181 High-dimensional analysis of the murine myeloid cell systemBurkhard Becher, Andreas Schlitzer, Jinmiao Chen, Florian Mair, Hermi R Sumatoh, Karen Wei Weng Teng, Donovan Low, Christiane Ruedl, Paola Riccardi-Castagnoli, Michael Poidinger, Melanie Greter, Florent Ginhoux & Evan W Newell  *see also p 1095*

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